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P636

FIRE RATED PU SEALANT

One component, medium modulus polyurethane sealant that cures on exposure to atmospheric humidity and capable of enduring direct flame to certain degrees.

- Fire Retardant More Than 4 Hours
- A+ Indoor Air Quality
- 25% Movement Capability

Application Areas

Fire rated sealing and bonding applications. Expansion joints between many different construction materials. Movement and connection joints in floors. Indoor and outdoor applications for pedestrian and traffic areas. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc.

Features

More than 4 hours of fire resistance in certain conditions without using backfilling materials. Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble-free 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168. M2 Fire Rating according to NF P 92-501 radiation test. A+ indoor air quality rating.

Technical Properties

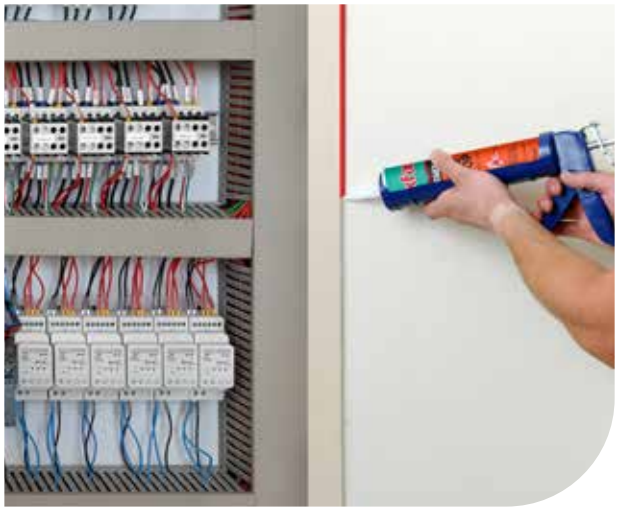
BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1.20-1,25g/ml	
Tack free time	: 30-60 min.	(23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day	(23°C and 50% R.H)
Sagging	: 0 mm	(EN ISO 7390)
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +40°C	
AFTER CURING		
Hardness Shore A	: 35-40 After 28 days	(ASTM C661)
Paintibility	: Yes *	
Elastic Recovery	:≥ 70%	(ISO 7389)
Elongation at break	: ≥ 200% (ISO8339)	
E100 Modulus (23 °C)	: 0.35-0.40 N/mm2 (ISO8339)	
E100 Modulus (-20 °C)	:≤ 0,60 N/mm2 (ISO8339)	
DUMBLE TEST		
Elongation at break	: ≥%600 (ASTM D412)	
Tensile Strength	: 1.5-2.0 N/mm2 (ASTM D412)	

Package

Stock Code	Type	Volume	Box
AA803	Black	300 ml	12
AA843	Black	400 ml	12
AA863	Black	600 ml	12
AA846	Grey	400 ml	12
AA866	Grey	600 ml	12
AA833	Black	310 ml	12
AA836	Grey	310 ml	12

Fire Class

More than 4 hours fire resistance according to EN 1366-4



AC607

FIRE STOP ACRYLIC SEALANT

Single component water based fire rated acrylic sealant ideal for sealing joints to prevent the passage of flammable gases and toxic smoke in compartment walls and floors.

- Fire Retardant More Than 4 Hours
- A+ Indoor Air Quality
- Intumescent

Application Areas

Sealing of joints and seams, or at certain areas where requirements for fire resistance are mandatory.

Features

M1 Fire Rating according to NF P 92-501 radiation test. Good unprimed adhesion to most common construction substrates. Easy to apply. Remains flexible. Paintable. Non-slump.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7.5-9	
Specific gravity	: 1,58 ± 0,03 gr/cm3	(ASTM D 792)
Tack-Free time	: 15-30 min (23°C and 50% R.H)	(ASTM C 679-03)
Curing Rate (mm/day)	: Min.2 mm/day	(23°C and 50% R.H)
Shore A hardness	: 40 ± 5 Shore A	
Elongation	: > 100%	(ASTM D 412)
Tensile strength	: ≥ 0,4 N/mm2	(ASTM D 412)
Application Temperature	: +5°C to +40°C	
Volume shrinkage	: %10-15	(ASTM D 412)

Package

Stock Code	Type	Volume	Box
AA607.5	White	310ml	12
AA607.4	White	400 ml	12
AA607.3	White	600 ml	12
AA701	White	Br. 550 g.	12
AA761	White	600 ml	12

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
A+ A B C

M1
Fire Class

More than 4 hours fire resistance according to EN 1366-4

N920

INTUMESCENT FIRE RATED NEUTRAL SILICONE

Graphite containing one-component neutral grade intumescent silicone sealant designed to protect cable entries by forming a gas and watertight seal. Product cures upon exposure to atmospheric humidity. It expands at high temperatures to prevent the passage of smoke and flames

- Flexible & Durable
- Gas & Water Tight
- Shock Absorbing

Application Areas

Combustible and non combustible pipes. Cables (single cables or bunches of cables). Seals all know materials; PVC & PE sheathed cables etc. Suitable for any shaped duct. Suitable for all common building materials.

Features

Flexible and durable. Gas and Water tight. Shows Fire resistance properties. Resistant against Water, Alkaline, Chemical agents. Non corrosive. Solvent free. Shock absorbing. Quick and easy installation.

Technical Properties

Basis	: Neutral Silicone	
Density	: 1,25 ±0,03gr/cm³	(ASTM D 792)
Flow	: 0 mm	(ISO 7390)
Colour	: red-grey-black	
Skin over time	: ± 20 minutes 23°C / 55% R.H.	
Curing	: Min. 3 mm/24h	
Hardness	: 30-35 shore A	
Elongation	: > 100%	(ISO 7389)
Tensile strength	: 1± 0,25 N/mm²	(ISO 8339)
Operating temperature	: +5°C to +40°C	
Temperature resistance	: -40°C to +120°C	

Package

Stock Code	Type	Volume	Box
SA093	Black	310 ml	12
SA096	Grey	310 ml	12
SA095	Red	310 ml	12

140F

FIRE RATED SILICONE SEALANT

Fire retardant, elastic, neutral curing silicone sealant that cures upon exposure to atmospheric humidity. Absorbs movements up to 25%.

- Fire Retardant
- Absorbs Movements 25 %
- Water, Weather & UV Resistant

Application Areas

Fire resistant sealing of connection and expansion joints in constructions. All building and glazing joints which require a fire rating. Suitable for all common building materials.

Features

Flexible and durable. Water, weather and UV resistant. Resistant against Water, Alkaline, Chemical agents. Non corrosive. Solvent free. Air tight sealing. Quick and easy installation.

Technical Properties

Basis	: Silicone Polymer (Oxime)	
Density	: 1,30 ± 0,03 g / cm^3	(ASTM D 792)
Sagging	: 0 mm	(ISO 7390)
Skin over time	: 10 ± 5 dakika	(23°C, 50% R.H.)
Curing Rate	: Min. 3 mm/ 24 sa	(23°C, 50% R.H.)
Hardness	: 40 ±5 shore A	
Elongation at break	: ≥ 100%	(ISO 7389)
Tensile Strength	: 1,5-2,0 N/mm^2	(ISO 8339)
Application Temperature	: +5°C to +40°C	
Heat Resistance	: -60 °C to +180°C	

Package

Stock Code	Type	Volume	Box
SAF12	White	310 ml	12
SAF13	White	310 ml	12
SAF16	White	310 ml	12
SAF62	White	600 ml	12
SAF63	White	600 ml	12
SAF66	White	600 ml	12

Classified as B-s1,d0 according to EN 13501-1:2007 +A1:2009

Scan QR code for product video.

820 / 820P

B1 FIRE RATED PU FOAM STRAW / GUN

One component, moisture curing, self expanding, ready to use polyurethane foam with propellants which are completely harmless to ozone layer. It has a fire rating of up to 217 minutes in certain configurations.

- Fire Retardant Up To 217 Min
- Efficient Seal Against Smoke And Gas
- Excellent Adhesion & Filling Capacity

Application Areas

All applications where fire retardant properties are required such as: Installation of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Heat insulation of roof construction. Sealing of cable and pipe penetrations. Soundproofing and sealing partition walls. Bonding of insulation materials. Multi-Purpose, adhesion and fixation.

Features

According to EN 1366-4 fire retardant up to 217 min. Efficient seal against smoke and gas. Does not contain CFC's and H-CFC's. Excellent adhesion & filling capacity. Excellent mounting capacity and stability. High yield up to 45 liters depending on temperature and humidity. Excellent adhesion on most substrates (except Teflon, PE and PP). High filling capacity. High thermal & acoustical insulation value. After cured, it can be painted, cut, trimmed. No shrinkage. Mould and water resistant. Conforms to fire class B1 (DIN 4102).

Technical Properties

820

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/cm3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: RED	
Yield Volumetric	: 40-45L	(ASTM C1536)
Post Expansion	: 200-250 %	
Shrinkage	: 0%	
Fire Class of the Cured Foam	: B1 (DIN 4102)	
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: Max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	
Can temperature	: +5°C to +30°C	

820P

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/cm3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: RED	
Yield Volumetric	: 55-60	(ASTM C1536)
Post Expansion	: up to 30%	
Shrinkage	: 0 %	
Fire Class of the Cured Foam	: B1	(DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: Max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	
Can temperature	: +5°C to +30°C	

Up to 217 minutes fire resistance according to EN 1366-4

Package

Stock Code	Type	Volume	Box
(820P) FA025	Summer +5	GW. 850 g.	12
(820) FA015	Summer +5	GW. 850 g.	12

840 / 840P

B2 FIRE RATED PU FOAM STRAW / GUN

Self-extinguishable aerosol polyurethane foam for filling, sealing and bonding gaps. It is designed for easy dispensing through the straw adapter included to each can and gun adapter.

- Rated B2 According To DIN 4102
- Excellent Adhesion to MostBuilding Materials
- Very Good Filling Capacity

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Rated B2 according to DIN 4102. Excellent adhesion to most building materials. It does not contain any propellant gases that are harmful to the ozone layer. It can be painted after curing. It can be cut and trim.

Technical Properties

840

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/ cm3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light red	
Yield	: 40-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B2	(DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	

840P

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ cm3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light red	
Yield	: 45-55 L	(ASTM C1536)
Fire Class of the Cured Foam	: B2	(DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
(840) SAF12	Summer +5	GW. 850 g.	12
(840P) SAF13	Summer +5	GW. 850 g.	12

B2 Fire Class

High Filling Capacity

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CLASSIFIED C UL US

FIRE RETERDANT PRODUCTS

Adhesive & Glue Products

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HIGH TACK

AST POLYMER

AST polymer-based, one component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding heavy building materials without the use of clamps and/or fixing tape.

- High Initial Tack
- Superior Bond Strength 350 Kg / 10 Cm²
- Eco Friendly

Application Areas

It is specially developed as a universal adhesive for bonding various building materials. It is suitable for elastic bonding of panels, profiles and other pieces on the most common substrates such as: stone, concrete, mirrors, glass, plasterboard, PU, PVC, polyester, plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, R.V.S., wood, HPL and cement fibre panels etc. Common application areas are: Wall cladding elements and ceiling panels. Sound isolation panels (mineral wool, wood-wool cement & plastic foams). Thermal isolation panels (PUR, PIR, PS). Casings and frames in building construction. Wooden and plastic laths, ornaments and frames. Doorsteps, window sills, skirting boards and cover plates. Complete construction elements (such as roofing and facade elements) in frames.

Features

High initial tack. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. Excellent elasticity, no bubble formation, waterproof, no shrinkage, over-paintable.

Technical Properties

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°Cand %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°Cand %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55 ±5
Elongation at Break % (ISO 37)	: ≥ % 300
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 3,0-3,5 N/mm2
Shear Stress	: 3121-3237 Pa.
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

Package

Stock Code	Type	Volume	Box
AMS55	White	290 ml	12
AMS53	Black	290 ml	12
AMS56	Grey	290 ml	12
AMS652	White	600 ml	12
AMS653	Black	600 ml	12
AMS656	Grey	600 ml	12
AMS55.1	White	50 ml	36
AMS55.1	White	125 ml	36

AST AKKIM SMART TECHNOLOGY

SHORE **A55** | **ALL MATERIALS & ALL SURFACES**

CE
EN 15651-1
EN 15651-2

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

FAST & STRONG

AST POLYMER

AST polymer-based, one component, hybrid joint-filling sealant with very high built-up of strength. It does not contain solvent or isocyanate and can be applied for multi purposes.

- High Curing Speed
- Very High Final Strength
- Eco Friendly

Application Areas

Sealing and bonding of the most common substrates such as natural stone, hard PVC, concrete, wood, glass, metals etc.

Features

Very high final strength. Waterproof. Becomes plasto-elastic with air humidity. Eco-friendly, free from isocyanate, solvent, acids and halogens. Over-paintable. No bubble formation. Waterproof. Becomes plasto-elastic with air humidity. No shrinkage. Does not need primer (preliminary test recommended). Excellent elasticity and very good adhesion strength.

Technical Properties

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.47 ± 0.03 gr/ml
Appearance/Color	: Paste, White
Flow	: > 50 gr/min
Tack Free	: 20-25 min (23°C and %50 R.H.)
Curing Rate	: ~ 2,60 mm/ 24 hr (23°C and %50 R.H.)
Efficiency	: Approx. 10 meters. (For 10 mm width 3mm thickness)
E100 Modulus	: ~ 2,75 N/mm²
Shore A Hardness	: 70 ±5
Elongation at Break %	: ≥ % 110
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength	: 3,30 N/mm²
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5°C and +35°C

Package

Stock Code	Type	Volume	Box
AMS65	White	290 ml	12
AMS73	Black	290 ml	12
AMS665	White	600 ml	12
AMS673	Black	600 ml	12

AST AKKIM SMART TECHNOLOGY

SHORE **A65** ALL MATERIALS & ALL SURFACES

CE
EN 15651-1
EN 15651-2

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CURTAIN RAIL ADHESIVE

AST POLYMER

Curtain Rail Adhesive is a one component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding curtain rails and curtain track systems without the use of clamps and/or fixing tape.

- High Adhesive Strength
- No More Nail & Screw
- Fast And Easy Using

Application Areas

Especially suitable for curtain rails without the use of clamps and/or screws. Cornices, doorsteps, window sills, skirting boards and cover plates. Wooden panels and frames in building construction. In construction elements such as roofing and facade elements

Features

Strong initial grab in seconds; no more extra work power, Positioning and workability time, High strength, Non-sag ; exceptionally thixotropic, Easy to gun, can be easily smoothed, Excellent adhesion on many substrates, Adheres even in wet and humid surfaces.

Technical Properties

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°C and %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°Cand %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55
Elongation at Break % (ISO 37)	: ≥ % 300
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 3,0-3,5 N/mm2
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

Package

Stock Code	Type	Volume	Box
AMS41	White	290 ml	12
AMS61	White	600 ml	12

AST AKKIM SMART TECHNOLOGY

SHORE **A55** | **ALL MATERIALS & ALL SURFACES**

CE
EN 15651-1
EN 15651-2

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

Scan QR code for product video.

960

XPS, EPS AND INSULATION PANELS

ADHESIVE PU FOAM (Straw)

One component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems.

- Powerful Adhesion
- More Economical
- Up to 9m² Yield

Application Areas

Best for mounting heat insulation panels and filling voids during adhesive application. Also advised for wooden type construction material bonding to concrete, metal etc. Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

Features

Powerful adhesion of polystyrene heat panels (XPS and EPS). Ready to mechanical fastening in two hours. More economical. Ready to use in aerosol can. Up to 9m2 heat insulation panel adhesion for each can. Minimum expansion during drying period. After dried, no further expansion and shrinkage. A lighter material compared to plaster which used in heat insulation systems. No more extra burden or weight to building. Depending on the humidity and temperature.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 kg/m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light pink	
Yield Volumetric	: 30 - 45L	(ASTM C1536)
Yield	: = ~9 m2	
Elongation at break	: 13,6%	
Expanding volume (at wall)	: Minimal	
Compression Strength	: 0,03 MPa	(DIN 53421)
Tensile Strength	: 12,1 N/ cm2	
Temperature Resistance	: -40°C to +100°C	
Application Temperature	: 0°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA0193	Summer +5	Gw. 350 g.	12
FA0192	Summer +5	Gw. 570 g.	12
FA019	Summer +5	Gw. 850 g.	12

Scan QR code for product video.

960P

XPS, EPS AND INSULATION PANELS
ADHESIVE PU FOAM (Professional)

One component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems.

- Powerful Adhesion
- More Economical
- Up to 14m² Yield

Application Areas

Best for mounting heat insulation panels and filling voids during adhesive application. Also advised for wooden type construction material bonding to concrete, metal etc. Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

Features

Powerful adhesion of polystyrene heat panels (XPS and EPS). Ready to mechanical fastening in two hours. More economical. Ready to use in aerosol can. Up to 14m2 heat insulation panel adhesion for each can. Minimum expansion during drying period. After dried, no further expansion and shrinkage. A lighter material compared to plaster which used in heat insulation systems. No more extra burden or weight to building. Depending on the humidity and temperature.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 21±3 kg/m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light pink	
Shear Strength	: 82 kgf/cm²	
Yield Volumetric	: 45-55 L	(ASTM C1536)
Yield	: Up to 14 m2	
Expanding volume	: % Max.10	
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)	
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +100°C	
Application Temperature	: 0°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA009	Summer +5	Gw. 850 g.	12
FA009.U	Summer +5	Net 680 Gr.	12

2in1 COMBO GUN&STRAW

960C

COMBO PU ADHESIVE FOAM (Straw&Gun)

One component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems. It can be used with an applicator gun and straw adapter features higher yield, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer.

- Use With Applicator Gun Or Straw Adaptor
- Powerful Adhesion
- Easier Application and Reusability

Application Areas

Best for mounting heat insulation panels and filling voids during adhesive application, Advised for wooden type construction materials adhesion to concrete, metal etc. Applications which needed minimum expansion, Mounting and isolation for frames of windows and doors.

Features

Powerful adhesion to polystyrene heat panels (XPS and EPS), Provides high thermal insulation with excellent adhesion and filling properties, Instant adhesion and wall plugging within two hours, More economical. Ready to use in aerosol can, Economical consumption thanks to precise application with gun and straw adapter, Provides stronger adhesion with straw adapter, Up to 14m² heat insulation panel adhesion for each can with gun use and 9m² for straw use. Minimum expansion during drying period with gun application, After dried, no further expansion and shrinkage, A lighter material compared to mortar, used in heat insulation systems, No more extra burden or weight to building, depending on the humidity and temperature, Usable at low temperatures like 0°C, It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Gun Application

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 21±3 Kg/ m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: pink	
Shear Strength	: 7,6 N/cm²	
Yield	: 50-55 L	(ASTM C1536)
Metric Yield	: =- 14 m2	
Expanding volume	: Minimum	
Shrinkage	: < %5	
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,030 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +100°C	
Can Temperature	: min.5°C max. +30°C	
Application Temperature	: 0°C to +30°C	

The results were obtained by providing optimum environmental conditions.

Straw Application

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/ m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Color	: Pink	
Shear Strength	: 8,3 N/cm²	
Yield	: 45-50 L	(ASTM C1536)
Metric Yield	: =- 9 m2	
Expanding volume	: 200-240%	
Shrinkage	: < %5	
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,035 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +100°C	
Can Temperature	: min.5°C max. +30°C	
Application Temperature	: 0°C to +30°C	

The results were obtained by providing optimum environmental conditions.

Package

Stock Code	Type	Volume	Box
FA020	COMBO	850 gr	12

965P

ROOF & TILE PU ADHESIVE

One component aerosol polyurethane adhesive foam curing swiftly with moisture and specifically formulated for laying roofing tiles, thanks to its characteristics of greater mechanical strength and adhesion to concrete and brick and insulating materials such as polystyrene and cork.

- Powerful Adhesion
- Weather Resistance
- Fast And Easy Application

Application Areas

Used best for laying of tiles and tiles construction of insulation on roof repair and consolidation of roofing. Laying wooden elements and insulation panels for thermal and acoustic insulation purposes. Seals and fittings in general where minimum expansion is needed. Mounting and isolation for frames of windows and doors.

Features

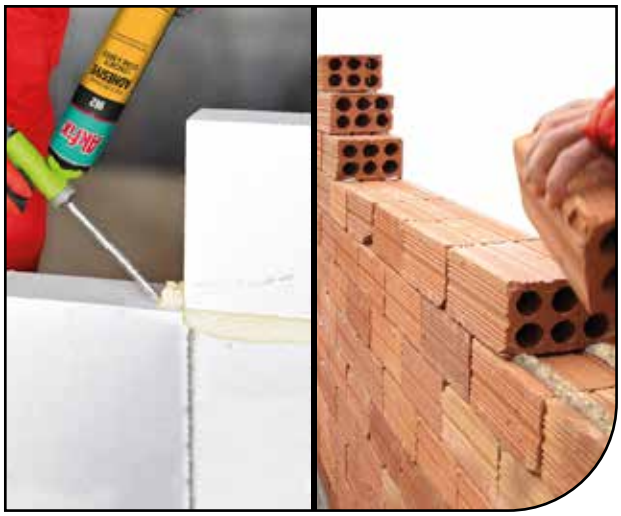
Powerful adhesion of roofing tiles. Instant adhesion and roof fixing within two hours. Exceptional resistance to wear and to the action of the wind. Not form thermal bridges, thanks to the excellent thermal insulation. Thanks to its modern chemical formulation, it is highly thixotropic. More economical. Ready to use in aerosol can. Up to 14 m^2 roofing tile adhesion for each can. Minimum expansion during drying period. After dried, no further expansion and shrinkage. No more extra burden or weight to building. Depending on the humidity and temperature.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 21±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light pink
Shear Strength	: 82 kgf/cm^2
Yield volumetric	: 45-55 L (ASTM C1536)
Yield	: Up to 14 m2
Expanding volume	: % Max.10
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +100°C
Application Temperature	: 0°C to +30°C

Package

Stock Code	Type	Volume	Box
FA017	Summer +5	Gw. 570 g.	12
FA016	Summer +5	Gw. 850 g.	12



Scan QR code for product video.

962P

CONCRETE STONE & BRICK PU ADHESIVE

Professional type, gun grade, ready to use adhesive foam. Specially designed to bond construction elements like aerated blocks and different kind of bricks.

- High Yield
- Powerful Adhesion
- Collapsing Gel Adhesive

Application Areas

One component, fast curing, easy to use adhesive foam. Bonding blocks and stones during construction works. Powerful adhesion to concrete and stone variations. Suitable to use at interior and exterior applications. Remarkable resistance to weather conditions. Doesn't form thermal bridges, thanks to the excellent thermal insulation. More economical, practical and easy to use. Minimum expansion during drying period. After dried, no further expansion or shrinkage. No more extra burden or weight to building. Usable at low temperature like 0°C. It does not contain any propellant gases which are harmful to the ozone layer.

Features

Bonding structural blocks of non-bearing interior walls. For use where fixed, permanent positioning of stone or concrete products is desired. Concrete pavers/slabs. Segmental retaining walls and columns. Cast stone copings. Landscape blocks and bricks. Polystyrene foam board. Cellular lightweight concrete elements. Ornamental precast. Natural & manufactured stone. Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding. Applications where minimum expansion is needed. Mounting and isolation for frames of windows and doors.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture Cure
Tack-Free Time	: 5-8 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Light Yellow
Metric yield	: 120 meters in (1.3 cm) bead
Shelf life	: 12 months
Fire Class of the Cured Foam	: B3 (DIN 4102-1)(EN 13501-1)
Shear Bond Strength	: >12 MPa
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

Package

Stock Code	Type	Volume	Box
FA097	Summer +5	Gw. 850 g.	12
FA098	Summer +5	Gw. 570 g.	12

Scan QR code for product video.

966P

SUBFLOOR PU ADHESIVE

One-component, premium, polyurethane-based new generation adhesive formulated for floor joists, subflooring, trusses, particle board, OSB and decks. Subfloor Adhesive provides superior adhesion to lumber, plywood, concrete, metals, masonry and other substrates even if they are frozen or slightly damp.

- High Yield
- Extremely Strong Bonding
- Weather Resistance

Application Areas

Many construction application on lumber, plywood, concrete, metals, masonry, steel, metals, fiberglass and more. Bonding floor joists, subflooring, trusses and other wood floor sheathing.

Features

Its revolutionary high yield – replaces up to 25 standard 280 ml cartridges of traditional caulk adhesive. Extremely strong bond. Adheres to dry, wet, treated and frozen lumber. Reduces nail pops, call backs and squeaks. Saves application time and money. Provides thermal and sound insulation.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture Cure	
Tack-Free Time	: 5-8 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Color	: Light Yellow	
Metric yield	: 120 meters in (1.3 cm) bead	
Shelf life	: 12 months	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)(EN 13501-1)
Shear Bond Strength	: >12 MPa	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA095	Summer +5	Gw. 570 g.	12
FA096	Summer +5	Gw. 850 g.	12

967P

FAST ADHESIVE

Fast Curing Adhesive PU Foam is a professional type, gun grade, ready to use product. It is used for fast and strong bonding of all kinds of construction materials, especially thermal insulation boards. Within 60 seconds, initial adhesion occurs and adheres securely after 5 minutes.

- JUST 1 MIN
- Powerful Adhesion
- Up to 14m² Yield

Application Areas

Mounting large insulation/finishing boards. Bonding structural blocks of non-bearing interior walls. For use where fixed, permanent positioning of stone or concrete products is desired. Mounting decorative elements. Concrete pavers/slabs. Segmental retaining walls and columns. Cast stone copings. Landscape blocks and bricks. Polystyrene foam boards. Cellular lightweight concrete elements. Ornamental precasts. Natural & manufactured stones. Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding. Applications where minimum expansion is needed.

Features

One component, fast curing, easy to use adhesive foam. 30-40% saves time, because it can be cured and applied quickly according to other insulating processes. It is 30-40% more economical than other insulation processes. Up to 14 m² heat insulation panel (EPS, XPS) adhesion for each can. Powerful adhesion to polystyrene heat insulating panels (XPS and EPS) and other construction materials. Provides initial adhesion within 60 seconds. It allows the connection of the heat insulating panels within an average of 30 minutes. Suitable to use at interior and exterior applications. Remarkable resistance to weather conditions. Usable at low temperature like -6 °C. It does not contain any propellant gases which are harmful to the ozone layer. Fire class B3 according to DIN 4102-1.

Technical Properties

Basis	: Polyurethane	
Curing System	: Moisture Cure	
Specific Gravity	: 21 ± 3 kg/m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 2 ± 0.5 min.	(ASTM C1620)
Cutting Time (1cm width)	: 10-15 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Color	: Yellowish/Beige	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)(EN 13501-1)
Expanding Volume (at wall)	: Minimal	
Yield	: Up to 14m²	
Thermal Conductivity	: 0,036 W/m.K (20°C)	(DIN 52612)
Compression Strength	: 0,030 MPa	
Shear Strength	: 15,5 N/ cm²	
Temperature Resistance	: -40°C to +100°C	
Application Temperature	: -6 °C to +30°C	

Package

Stock Code	Type	Volume	Box
	Fast Curing Adhesive Pu Foam	750 ml/850gr	12

968P

UNIVERSAL WOOD ADHESIVE

A single component, fast curing, polyurethane based special adhesive foam. Provides high bonding strength and fast curing properties. Designed for bonding wooden types, brick, aerated block, stone, natural stone etc. construction elements.

- 8x More Yield
- Extremely High Bonding Strength
- D4 Class Water Resistant
- Low Press Time Just 15 minutes

Application Areas

To bond wooden types. MDF, Chipboard, Plywood, Laminate, OSB etc. At furniture production, wooden door-window production, wooden construction element bonding and decorative material bonding applications. As a Marine Adhesive, Montage Adhesive and PU Wood Glue. Bonding structural blocks of non-bearing interior walls at construction. For use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. Usable at; Concrete pavers/ slabs, Segmental retaining walls and columns, Cast stone copings, Landscape blocks and bricks, Polystyrene foam board, Cellular lightweight concrete elements, Ornamental precast, Natural & manufactured stone, Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding.

Features

A special product which is transforming with collapsing from foam form to gel adhesive form in a couple of seconds after application. One component, fast curing, easy to use. Extremely high bond strength on wood, concrete and stone variations.Suitable to use at interior and exterior applications. Conforms to D4 according to DIN EN 14257 (WATT 91). According to internally tests. Low press time. Just 15 minutes. Low consumption, economical. Remarkable resistance to weather conditions. More economical, practical and easy to use. Minimum expansion during drying period. Usable at low temperature like +5 °C. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture Cure	
Tack-Free Time	: 5-8 min	(ASTM C1620)
Full Cure-Time	: 24 hours	
Foam Color	: Light Yellow	
Metric yield	: 71 meters in (1 cm) bead (23°C %50 R.H.)	
Fire Class of the Cured Foam	: B3, F	(DIN 4102-1)(EN 13501-1)
Pressing Time	: 15 – 20 min.*	
Shear Strength (beech-beech)		
After 15 min	: > 100 kgf/cm²	
After 24 hours	: > 130 kgf/cm²	
After 7 days	: > 160 kgf/cm²	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	

D4
DIN EN 204
Waterproof

Package

Product	Volume	Package
Universal Wood Adhesive	400 ml	12

510

NO NAIL PU MONTAGE ADHESIVE

One-component, fast curing polyurethane based adhesive. Thanks to its bonding capability to all common building materials with high bond strength, you will no longer need nail or screw.

- Ideal For Vertical Joints
- Low Press Time
- Low Consumption Economical

Application Areas

It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

Features

Low press time. Extremely high bond strength on various substrates such as wood, MDF, concrete. Fast curing. Good filling properties. Thixotropic, non-sag, ideal for vertical joints. Easy to use. Nonshrinking. Excellent resistance to moisture and weather conditions. Solvent-free. Usable in slightly wet substrates.

Technical Properties

Basis	: Polyurethane prepolymer
Density	: 1.30 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C
Maximum Shear Strength	(beech-beech)
After 15 min	: > 35 kgf/cm²
After 24 hours	: > 70 kgf/cm²

Package

Stock Code	Type	Volume	Box
GA300	Plastic Cardridge	310 ml	12

D4
DIN EN 204
Waterproof

Aluminium Cardridge Plastic Cardridge

Scan QR code for product video.

610

PU EXPRESS MONTAGE ADHESIVE (Transparent)

Quick drying montage adhesive that is designed to bond all common building materials

- High Bonding Strength
- D4 Class Water Resistance
- Low Press Time Just 15 Minutes

Application Areas

It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

Features

Fast curing. Low press time. Transparent. Exteremely high bond strength on numerous substrates. Thixotropic, non-sag, ideal for vertical joints. Low consumption, economical. Good filling properties. Conforms to D4 according to DIN EN 204. Easy to use. Very good resistance to chemicals. Excellent resitance to moisture and weather conditions. Nonshrinking. Low odour. Usable in slightly wet substrates.

Technical Properties

Basis	: Polyurethane prepolymer	
Color	: Transparent	
Density	: 1.13 ± 0.03 gr/ml	
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)	
Consistency	: Thixotropic	
Consumption	: Approx. 150 g/m²	
Shrinkage	: None	
Pressing Time	: 15 – 20 min.*	
Temperature Resistance	: -20°C to +80°C	
Application Temperature	: +5°C to +35°C	
Maximum Shear Strength	(beech-beech)	
After 15 min	: > 50 kgf/cm²	
After 24 hours	: > 100 kgf/cm²	
After 7 days	: ≈ 120 kgf/cm²	(DIN EN 205)
After 7 days at 80oC	: ≈ 100 kgf/cm²	(WATT 91)

D4 DIN EN 204 Waterproof

ift ROSENHEIM

Package

Stock Code	Type	Volume	Box
GA400	Aluminium Cardridge	310 ml	12
GA400P	Plastic Cardridge	310 ml	12
GA305	Aluminium Tube	50 ml	30

Scan QR code for product video.

612J

ALUMINUM CORNER JOINT PU EXPRESS

One-component, fast curing polyurethane based adhesive with high adhesion properties which is exclusively developed for bonding aluminum corner angles, along with all kinds of aluminum materials in building material's corner joint applications.

- Exclusively For Aluminum Corner Angles
- Low Press Time
- Easy to Use on Both Vertical & Horizontal Surfaces
- Waterproof

Application Areas

Aluminum brackets, doors and windows. Bonding of aluminum materials to most common substrates like, wood. MDF, concrete, metal, polystyrene and polyurethane foam, PVC, granite. Marble, ceramic. Also can be used for bonding most building materials.

Features

Perfect bonding capability to aluminum surfaces. Low pressing time. Easy to use both in vertical and horizontal surfaces with non-sag properties. Low consumption, economical. Not effected by the moisture. Resistant to weather conditions and chemicals. For both interior and exterior usage. Also provides good adhesive strength with various substrates.

Technical Properties

Basis	: Polyurethane prepolymer
Color	: Aluminium
Density	: 1.13 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C
Maximum Shear Strength	(beech-beech)
After 15 min	: > 50 kgf/cm²
After 24 hours	: > 80 kgf/cm²

Package

Stock Code	Type	Volume	Box
GA412	Plastic Cardridge	310 ml	12

D4
DIN EN 204
Waterproof

616C

PU EXPRESS CONSTRUCTION ADHESIVE

A polyurehane based adhesive used in construction and buildings to bond different substrates with high adhesion strength. Cures in 24 hours in both exterior and interior application.

- Exterior & Interior
- Low Press Time
- Not Effected By The Humidity

Application Areas

In construction, restoration, repair and decoration works. With wide range of porous and non-porous material like wood, plywood, concrete, brick, PVC, granite, marble, natural stone, glass, polycarbonate, metal, ceramic etc. Also good for mounting isolation, decorative polystyrene and wall panels.

Features

Suitable for wide range of construction materials. Usable in both exterior and interior areas. Low press time of 15 minutes. Low consumption, economical. Not effected by the moisture. Resistant to weather conditions and chemicals. No odor.

Technical Properties

Basis	: Polyurethane prepolymer
Density	: 1.30 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C
Maximum Shear Strength	(beech-beech)
After 15 min	: > 35 kgf/cm^2
After 24 hours	: > 70 kgf/cm^2

D4
DIN EN 204
Waterproof

Package

Stock Code	Type	Volume	Box
GA416	Plastic Cardridge	310 ml	12

480

PEDESTAL ADHESIVE

Single component, polyurethane based adhesive particularly designed for installation of access flooring systems.

- High Adhesion Strenght
- Bonds Metal To Concrete
- Low Viscosity

Application Areas

Suitable for adhesion of raised access floor pedestals to floors. Suitable on metal, concrete, chipboards, plywood, fiber reinforced gymnasium and cement boards.

Features

Provides excellent green strength, Bonds Metal to Concrete, Suitable for both indoor and outdoor applications, Water resistant when cured, Excellent gap-filling properties, Paste like consistency, One component, no mixing required, Good adhesion on concrete, chipboards, plywood, fiber reinforced gymnasium and cement boards

Technical Properties

Basis	: Polyurethane prepolymer
Density	: 1.42 ± 0.03 gr/ml
Tack-Free Time	: 15± 5min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Pressing Time	: 30 min.
Shrinkage	: None
Temperature Resistance	: -20°C to +70 °C
Application Temperature	: +5 °C to +35 °C

Package

Stock Code	Type	Volume	Box
GA480	Plastic Cardridge	310 ml	12

D4
DIN EN 204
Waterproof

495

NO NAIL HIGH INITIAL TACK

Akfix 495 is a single component, polyurethane based adhesive particularly suitable for the jobs that require high initial tack and green strength.

- High Initial Tack
- Exterioor & Interior
- Good Wet Tack

Application Areas

Suitable on surfaces such as wood, particleboard, wood, polystyrene foam, concrete, masonry, tile, ceramic, stone, plasterboards. Mounting wooden construction elements, wood and plaster panels, plaster ornaments and decorative wooden trimmings.

Features

High Tack. Good wet tack. Provides excellent green strength. Suitable for both indoor and outdoor applications. Thixotropic, non-sag, ideal for vertical joints. Low consumption, economical.

Technical Properties

Basis	: Polyurethane prepolymer
Density	: 1.44 ± 0.03 gr/ml
Tack-Free Time	: 15± 5 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 30 mins.*
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C
Maximum Shear Strength (beech-beech)	
After 24 hours	: > 70 kgf/cm^2

Package

Stock Code	Type	Volume	Box
GA495	Plastic Cardridge	310 ml	12

CE
EN 15651-1
EN 15651-2

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
A+ A B C

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

D4
DIN EN 204
Waterproof

617W

PU EXPRESS WOOD ADHESIVE

PU Express Wood Adhesive is an one-component polyurethane based moisture resistant adhesive which is suitable for use in bonding any kind of wood including moisturized wood. It is advantageous in the areas of general wood bonding, window and door frame, door, furniture, ship and stairs production with its high adhesive strength and fast curing capabilities.

- High Bonding Strenght
- D4 Water Resistance
- Low Press Time

Application Areas

A premium choice for moisturized areas. In every kind of wood work; from furniture to marine industry and to window and door frame, door and stairs production. Useable with wide range of porous and non-porous material like wood, plywood, concrete, brick, PVC, granite, marble, natural stone, glass, polycarbonate, metal, ceramic etc. Also good for mounting isolation, decorative polystyrene and wall panels.

Features

Moisture and weather resistant after cured. D4 water resistance class according to DIN EN 204. Fast curing but also gives the ability to make adjustmens. Low press time. Low consumption, economical. It can be used on slightly damp surfaces. Usable in both vertical and horizontal surfaces cause of its non-slump properties. Provides chemical resistance. One component, easy to use and dispose. Transparent. No odor.

Technical Properties

Basis	: Polyurethane prepolymer
Density	: 1.30 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C
Maximum Shear Strength (beech-beech)	
After 15 min	: > 50 kgf/cm^2
After 24 hours	: > 80 kgf/cm^2

Package

Stock Code	Type	Volume	Box
GA417	Plastic Cardridge	310 ml	12

D4
DIN EN 204
Waterproof

PA360

PUR WOOD GLUE

A polyurethane wood glue with high water resistance and bonding strength.

- High Bonding Strength
- D4 Grade Water Resistance
- Low Viscosity

Application Areas

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.

Features

Easy application, low viscosity. High bond strength. Water resistant (D4-DIN EN204). Can be used on slightly humid surfaces. Resistant to temperature extremes. Resistant to moisture and chemicals.

Technical Properties

Basis	: Polyurethane prepolymer	
Color	: Light brown	
Curing system	: Moisture curing	
Density	: 1,10 g/ml ± 0,05	(ASTM D1875)
Viscosity	: 5000-15000 cp cps at 20°C (Spindle No 4, 12 rpm)	
Tack-Free time	: 25-50 min (23°C and 50% R.H.)	(ASTM C679)
Consumption	: Approx. 150 ml/m²	
Compression time	: Min. 2 hours*	
Water resistant	: Excellent	(D4-DIN EN204)
Temperature resistance	:-30°C to +100°C	
Application Temperature	: +5°C to +35°C	

D4
DIN EN 204
Waterproof

Package

Stock Code	Type	Volume	Box
GA361	Plastic Bottle	Gw. 150 gr.	48
GA360	Plastic Bottle	Gw. 650 gr.	12
GA365	Plastic Bottle	Gw. 560 gr.	12
GA366	Plastic Bottle	Gw. 500 gr.	12
GA3606	Metal Bucket	Net 6 kg.	1
GA3625	Metal Bucket	Net 25 kg.	1

Scan QR code for product video.

360FC

FAST CURE PUR WOOD GLUE

One-component, fast curing liquid polyurethane adhesive.
It possesses high water resistance and bonding strength.

- Low Press Time
- Usage With or Without Press
- High Water Resistant

Application Areas

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystsrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.

Features

Easy application, low viscosity. High bond stregth. Fast drying. Water resistant (D4-DIN EN 204). Can be used on slightly humid surfaces. Resistant to temperature extremes. Resistant to moisture and chemicals.

Technical Properties

Basis	: Polyurethane prepolymer	
Curing system	: Moisture curing	
Colour	: Light brown	
Density	: 1,10 g/ml ± 0,05	(ASTM D1875)
Viscosity	: 5000-15000 cp cps at 20°C (Spindle No 4, 12 rpm)	
Tack-Free time	: 5-15 min. (23 °C and 50% R.H.)	(ASTM C679)
Consumption	: Approx. 150 ml/m²	
Compression time	: At least 15 min*	
Water resistant	: Excellent	(D4-DIN EN204)
Temperature resistance	:-30°C to +100°C	
Application Temperature	: +5°C to +35°C	

Package

Stock Code	Type	Volume	Box
GA361	Plastic Bottle	Gw. 150 gr.	48
GA363	Plastic Bottle	Gw. 250 gr.	24
GA3615	Plastic Bottle	Gw. 500 gr.	12
GA362	Plastic Bottle	Gw. 560 gr	12
GA3617	Plastic Bottle	Gw. 750 gr.	12
GA3618	Plastic Bottle	Gw. 800 gr.	12
GA36110	Plastic Bottle	Gw. 1000 gr.	12

D4
DIN EN 204
Waterproof

PA370

EXPRESS PU WOOD GLUE (Transparent)

A fast drying transpararent polyurethane wood glue that possesses high water resistance and bonding strength.

- Fast Curing
- High Bonding Strength
- D4 Grade Water Resistance
- Low Press Time
- Transparent

Application Areas

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.

Features

Fast curing. Low press time. Transparent. Extremely high bond strength on numerous substrates. Conforms to D4 according to DIN EN 204. Easy to use. Very good resistance to chemicals. Excellent resistance to moisture and weather conditions. Nonshrinking. Low odour. Useable in slightly wet substrates.

Technical Properties

Basis	: Polyurethane prepolymer
Color	: Transparent
Curing system	: Moisture curing
Density	: 1.10 g/ml ± 0.05 (ASTM D1875)
Viscosity	: 3000 ± 1000 cp cps at 20°C (Spindle No 4, 12 rpm)
Temperature resistance	:-30 °C to +100 °C
Tack-Free time	: 5-15 min (23 °C and 50% R.H.) (ASTM C679)
Consumption	: Approx. 150 ml/m2
Compression time	: At least 15 min*
Water resistant	: Excellent (D4-DIN EN204)

Package

Stock Code	Type	Volume	Box
GA373	Transparent / Express	Gw. 150 gr.	48
GA3705	Transparent / Express	Gw. 250 gr.	24
GA3707	Transparent / Express	Gw. 500 gr.	12
GA370	Transparent / Express	Gw. 560 gr.	12
GA37010	Transparent / Express	Gw. 750 gr.	12
GA3706	Transparent / Express	Gw. 800 gr.	12
GA3708	Transparent / Express	Gw. 1000 gr.	12
GA3725	Transparent / Express	Net 25 kg	1

D4
DIN EN 204
Waterproof

PA380

HEAVY DUTY PUR MARINE ADHESIVE

A one component high viscosity polyurethane based adhesive specially designed to provide marine grade quality for current industry needs. It can be also used in furniture industry DIY projects where you need premium quality. Unlike common polyurethane adhesives, it does not foam up uncontrollably.

- Water Resistant
- High Adhesion Strength
- High Viscosity
- Interior & Exterior

Application Areas

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance and fire retardant properties.

Features

Water-resistant and weatherproof: Withstand temperature and seasonal changes and suitable for both interior and exterior applications. Retards fire. Low-foam. High adhesion strength. Suitable for wood based materials, metals, natural stones, ceramic, rubber etc. Can be sanded and painted after curing. High viscosity: Easier to use on vertical surfaces compared to standart liquid adhesives. Long open time: gives sufficient working time.

Technical Properties

Basis	: Polyurethane Prepolymer	
Color	: Beige-Yellowish	
Curing system	: Moisture curing	
Density	: 1,10 g/ml ± 0,01	(ASTM D1875)
Viscosity	: 20°C 10000-15000 cp cps at 20°C	
Tack-Free time	: Approx 1 h (23°C and 50% R.H.)	(ASTM C679)
Maximum Shear Strength	: After 15 min: > 50 kgf/cm²	
After 24 hours	: > 70 kgf/cm²	
Consumption	: Approx. 150 ml/m²	
Compression time	: Min. 2 hours*	
Water resistant class	: D4	(DIN EN 204)
Fire classification	: E	(EN 13501-1)
Temperature resistance	:-30°C to +100°C	
Application Temperature	: +5°C to +35°C	

Package

Stock Code	Type	Volume	Box
GA380	Transparent / Express	Net 800 gr	12

ABOVE BELOW

D4
DIN EN 204
Waterproof

740

ALL BOND GLUE

A versatile PU based glue that gets activated by the water and expands throughout the materials and reaches even to its tiny details to form an incredibly strong bonding.

- All Materials, All Surfaces
- 100% waterproof
- Low Press Time
- Transparent

Application Areas

Easily bonds wood, stone, metal, ceramic, foam, glass, concrete and much more. All bonding applications that requires a high water resistance.

Features

Virtually bonds everything. 100% waterproof; outdoor elements are no problem. Temperature resistant; holds through hot and cold temperatures. Transparent; it can blend into any surface. Incredibly strong bonding; expands into materials to form strong bonding. Low-foaming.

Technical Properties

Basis	: Polyurethane prepolymer	
Color	: Transparent	
Curing system	: Moisture curing	
Density	: 1.10 g/ml ± 0.05	(ASTM D1875)
Viscosity	: 3000 ± 1000 cp cps at 20°C (Spindle No 4, 12 rpm)	
Temperature resistance	:-30 °C to +100 °C	
Tack-Free time	: 5-15 min (23 °C and 50% R.H.)	(ASTM C679)
Consumption	: Approx. 150 ml/m²	
Compression time	: At least 15 min*	
Water resistant	: Excellent	(D4-DIN EN204)

Package

Product	Volume	Package
740 ALL BOND GLUE	Net 100g	24

D4
DIN EN 204
Waterproof

PA550

PVC MEMBRANE PRESS ADHESIVE (PU Dispersion Based)

New generation adhesive for fixing PVC, PP, PET, ABS onto especially MDF by the vacuum or membrane press process for the manufacture of high gloss furniture in kitchen, bathroom or wardrobe shutters and doors. Membrane Press Adhesives are can be used together with Akfix hardeners creating a cross linked film with high adhesion properties and very good heat and water resistance.

- Heat-Sensitive Film With Low Activation Temperature
- Moisture And Chemical Resistance
- Not Harmful To Environment And Human Health

Application Areas

Permanent adhesion for durable fixation. Excellent heat resistance to prevent delaminating in hot conditions. Outstanding bonding properties on most synthetic and natural materials. Enabling you to get perfect and smooth surface for high gloss finishes. High initial bond strength and low activation temperature for heat sensitive films.

Features

Easy to apply, has a low viscosity. Quick drying. Water resistant. Synthetic and natural materials, excellent bonding. Low and high temperatures do not lose strength. Moisture and chemical resistant. Heat-sensitive film with high adhesion for the low activation temperature. Not harm the environment and human health.

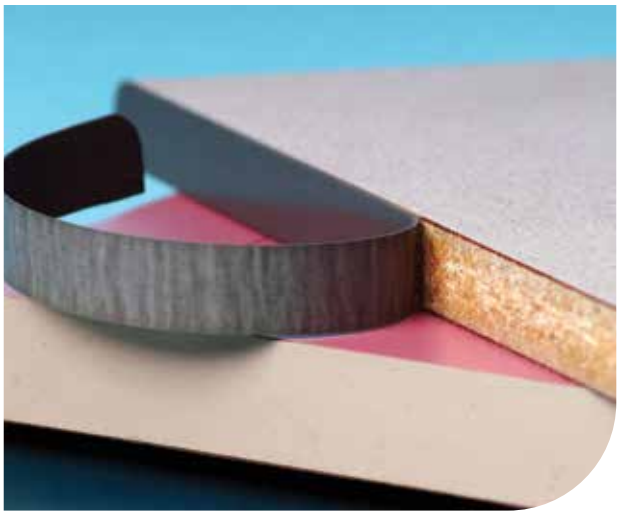
Technical Properties

Basis	: Polyurethane dispersion
Color	: White
Non-volatile matter	: 39 - 41 (DIN EN ISO 3251)
Activation Temperature	: 55-60 °C
Density	: 1.10 g/ml ± 0.05 (ASTM D1875)
Viscosity	: 600-1500 cp (23 °C and 50% R.H.) (DIN 53019)
Ph	: 6.0-9.0
Water resistant	: Excellent

Package

Stock Code	Type	Volume	Box
AMP20	Plastic Bucket	20 kg	1
AMP28	Plastic Bucket	20 kg	1

D4
DIN EN 204
Waterproof



HM220

EVA HOT MELT STRAIGHT EDGE BANDING ADHESIVE

General purpose synthetic resin and EVA based hotmelt adhesive of thermoplastic characteristic.

- For Straight Edge Banding
- Environmentally Friendly
- Economical

Application Areas

It is recommended that ambient temperature should be above 15ºC, air moisture 65-75% and material moisture 8-10% during application, and the adhesive should spread throughout one side of the object to be adhered.

Features

Hot-Melt is used for curved edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

Technical Properties

Color	: Natural	
Appearance	: Granular	
Softening point	: 90°C ± 3 (Ring and Ball)	(ASTM E28)
Specific Gravity	: 1,28 g/cm^3	(ASTM D792)
Thermosel viscosity	: 100000mPas at 200°C	(ASTM D3236)
Open time	: 45 - 50 seconds	
Tank Temperature	: 180 – 200°C	
Temperature Roller	: 200 – 220°C	
Feeding Speed	: 10 – 27 m / min.	
Water resistance	: Excellent	
Roller Pressure	: 3–5 Kg. / cm^2	

Package

Stock Code	Type	Volume	Box
GA220	180°C - 200°C	25 kg	1

D4
DIN EN 204
Waterproof

HM226

EVA HOT MELT CURVE EDGE BANDING ADHESIVE

Synthetic resin and EVA based hot melt adhesive of thermoplastic characteristic which is developed specifically for curved edge banding purposes.

- Best For Curve Edge Banding
- Environmetally Friendly
- High Green Strength

Application Areas

Environment temperature must be around 15°C during the application process. Adhesive must be applied to one surface of the material to be adhered. Air humidity should be 65-75% and product humidity should be 8-10%.

Features

Hot-Melt is used for curved edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

Technical Properties

Color	: Natural, Milky White, Brown, Larex
Appearance	: Granular
Softening point	: 80 ±1°C (Ring and Ball) (ASTM E28)
Thermosel viscosity	: 45000±10000 mPa.s (140°C de spindle 29100 rpm) (ASTM D3236)
Tank Temperature	: 120 – 140°C
Temperature Roller	: 120 – 140°C
Water resistance	: Excellent

Package

Stock Code	Type	Volume	Box
GA226	120°C - 140°C	20 kg	1

HM774

EVA HOT MELT STRAIGHT EDGE BANDING ADHESIVE

Synthetic resin and EVA based hot melt adhesive of thermoplastic characteristic that gives perfect results with straight edge banding works.

- Best For Straight Edge Banding
- Environmentally Friendly
- High Green Strength

Application Areas

Environment temperature must be around 15°C during the application process. Adhesive must be applied to one surface of the material to be adhered. Air humidity should be 65-75% and product humidity should be 8-10%.

Features

Hot-Melt is used for straight edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

Technical Properties

Color	:	Natural
Appearance	:	Granular
Softening point	:	100 ± 4°C (Ring and Ball) (ASTM E28)
Thermosel viscosity	:	80000±5000 mPa.s (at 190°C, spindle 29 - 50 rpm) (ASTM D3236)
Open time	:	15-20 seconds
Tank Temperature	:	190 – 210°C
Temperature Roller	:	190 – 210°C
Feeding Speed	:	20 – 35 m / min.
Water resistance	:	Excellent
Roller Pressure	:	3–5 Kg. / cm^2

Package

Stock Code	Type	Volume	Box
GA274	190°C - 210°C	25 kg	1

HM788

EVA HOT MELT STRAIGHT EDGE BANDING ADHESIVE

Synthetic resin and EVA based hot melt adhesive of thermoplastic characteristic that gives perfect results with straight edge banding works where lower softening point and fast bonding is needed.

- Best For Curve Edge Banding
- Environmetally Friendly
- High Green Strength

Application Areas

Environment temperature must be around 15°C during the application process. Adhesive must be applied to one surface of the material to be adhered. Air humidity should be 65-75% and product humidity should be 8-10%.

Features

Hot-Melt is used for straight edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

Technical Properties

Color	: Natural
Appearance	: Granular
Softening point	: 90 ± 2°C (Ring and Ball) (ASTM E28)
Thermosel viscosity	: 85000±5000 mPa.s (at 200°C, spindle 29 - 50 rpm) (ASTM D3236)
Open time	: 15-20 seconds
Tank Temperature	: 180 – 200°C
Temperature Roller	: 180 – 200°C
Feeding Speed	: 20 – 35 m / min.
Water resistance	: Excellent
Roller Pressure	: 3–5 Kg. / cm^2

Package

Stock Code	Type	Volume	Box
GA288	180°C - 200°C	25 kg	1

D2

D2 PVA WHITE GLUE SUPER FRAME WORK

PVA based wood glue with slight water resistance which gets transparent when cured.

- Eco-Friendly
- Dries Transparent
- Usable On Slightly Moist Wood

Application Areas

High bond strength on numerous substrates. Water based. Easy application. Dries transparent.

Features

Suitable for bonding wood, decorative laminates, chipboard, blockboard etc. which have limited exposure to high humidity.

Technical Properties

Basis	: Vinyl Acetate polymer
Appearance	: White Viscose Liquid
Density	: 0.96 g/mL
Solids %	: % 41 ± 1
Min. Film Temperature	: 10°C
Filming Time	: 15-20 minutes (20°C)
Free Monomer	: max 0,5
Water Resistance Class	: D2 (DIN EN 204)
Viscosity	: 14400±1800 cps cps at 20°C (Spindle No 6, 20 rpm)
Moisture content in wood	: 8 - 12 %, if higher increase press time.
Glue line pressure for	
Hardwood	: 9 - 12 kg/cm^2
pH	: 5-6
Consumption	: 70 - 130gr/m^2

Package

Stock Code	Type	Volume	Box
APS215	Plastic Bootle	Gw. 150 gr	48
APS205	Plastic Bootle	Gw. 500 gr	12
APS201	Plastic Bootle	Gw. 1 kg	12
APS250	Plastic Bootle	Gw. 3 kg	4
APS210	Plastic Bootle	Gw. 10 kg	4
APS230	Plastic Bootle	Gw. 30 kg	1
AP215	Plastic Bootle	Gw. 150 gr	48
AP205	Plastic Bootle	Gw. 500 gr	12
AP201	Plastic Bootle	Gw. 1 kg	12
AP250	Plastic Bootle	Gw. 3 kg	4
AP210	Plastic Bootle	Gw. 10 kg	4
AP230	Plastic Bootle	Gw. 30 kg	1

D3

D3 PVAC SUPER WOOD GLUE

PVA based wood glue with good water resistance which gets transparent when cured.

- Eco-Friendly
- High Performance on Hard and Soft Woods
- D3 Class Water Resistance

Application Areas

Suitable for gluing all types of wood, wooden materials and flat laminates. Wood to wood, soft- and hardboard, synthetic resin board and chipboard. Suitable for fixing paper, cardboard, paper or textile-backed PVC cloth to wood and board. May also be used to bond outdoor timber constructions such as window-frames and external doors. Particularly suitable for moisture-resistant bonds which have to fulfil high demands.

Features

Conforms to D3 according to DIN EN 204. Excellent bond strength on hard, and soft woods. Water based. Easy application

Technical Properties

Basis	: Vinyl Acetate polymer
Appearance	: White paste
Density	: 1.05 g/mL
Solids %	: 54 ± 1
Filming Time	: Min. 10 minutes (20°C)
Viscosity	: 14400±800 cps cps at 20°C (Spindle No 6, 20 rpm)
Moisture content in wood	: 8 - 12 %, Increase press time for higher moisture content.
pH	: 5 - 6
Glue line pressure for hard wood	: 9 - 12 kg/cm^2
Water resistant class	: D3 (DIN EN204)
Consumption	: 70-130gr/m^2

Package

Stock Code	Type	Volume	Box
AP315	Plastic Bootle	Gw. 150 gr	48
AP305	Plastic Bootle	Gw. 500 gr	12
AP301	Plastic Bootle	Gw. 1 kg	12
AP350	Plastic Bootle	Gw. 3 kg	4
AP310	Plastic Bootle	Gw. 10 kg	1
AP330	Plastic Bootle	Gw. 30 kg	1

C900

CHEMICAL ANCHOR POLYESTER

Polyester injection mortar for general purpose for solid and hollow supports having a short cure time. It is suitable for use in concrete, perforated bricks and cavity blocks in a wide range of applications.

- For Fixing Solid And Hollow Structures
- Easy To Extrude And Inject
- Can Be Applied To Both Vertical And Horizontal Surfaces

Application Areas

Low to Medium-load applications in solid and hollow supports. Fixing of; Gates, balustrades, roller blinds, panes, antennas, consoles, cable trays etc.

Features

Suitable for solid and hollow structures. High solid content. Easy to extrude and to inject. Thixotropic, can be applied in vertical and horizontal direction. Fast curing.

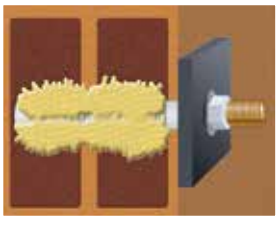
Technical Properties

Basis	: Unsaturated Polyester
Color	: Light Grey (Component A:beige; Comp. B:black)
Density	: 1,70 kg/l at 20 °C

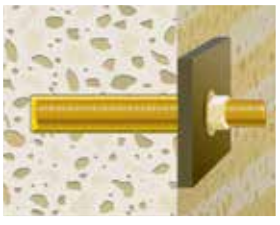
A detailed technical documents will be provided when requested

Package

Stock Code	Type	Volume	Box
CA035	Polyester	345 ml	12
CA030	Polyester	300 ml	12



Hollow Bricks



Concrete

C920

CHEMICAL ANCHOR EPOXY ACRYLATE STYRENE FREE

High performance styrene free epoxy acrylate injection mortar for solid and hollow supports having a short cure time. It is suitable for use in concrete, stone, perforated bricks and cavity blocks in a wide range of applications.

- Styrene Free, Very Low Odour
- Easy To Extrude And Inject
- Hard Fixing Of Rods And Reinforcing Bars Into Plain And Hollow Structures

Application Areas

Heavy load-carrying attachments in solid stone and concrete. Repair mortar or adhesive mortar for concrete components. Attachment of anchor rods, threaded collars, reinforcement bars, profiles etc. Medium-load applications in hollow-bricks. Fixing of; Wooden constructions, metal constructions, metal profiles, sanitary fittings, pipe connections, projecting roofs, facades, cable trays, railings, staircases, gates, window elements.

Features

Suitable for rods and reinforcing bars in plain and hollow structures. Styrene free and very low odour. Easy to extrude and to inject. Thixotropic, can be applied in vertical and horizontal direction.

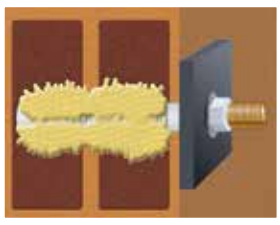
Technical Properties

Basis	: Epoxy Acrylate Resin
Color	: Light Grey (Component A:beige; Comp. B:black)
Density	: 1,80 kg/l at 20 °C

A detailed technical documents will be provided when requested

Package

Stock Code	Type	Volume	Box
CA036	EASF	345 ml	12
CA037	EASF	300 ml	12



Hollow Bricks

Concrete

C950

CHEMICAL ANCHOR PURE EPOXY

Heavy duty epoxy injection mortar for solid base materials.
It works in dry, damp and flooded holes with a fast curing time.

- High Strength
- Styrene Free
- Fast Curing

Application Areas

Heavy load-carrying attachments in solid stone and concrete. Repair mortar or adhesive mortar for concrete components. Attachment of anchor rods, threaded collars, reinforcement bars, profiles etc. Medium-load applications in hollow-bricks.
• Fixing of;
- Wooden constructions - Metal constructions - Metal profiles
- Sanitary fittings - Pipe connections - Projecting roofs - Facades
- Cable trays - Railings - Staircases - Gates - Window elements

Features

Works in damp and flooded holes. No shrinkage, can be used in oversized holes. Suitable for reinforcing bars in plain structures. Styrene free, very low odour. Thixotropic, can be applied in both vertical and horizontal directions. Fast curing

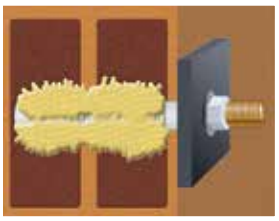
Technical Properties

Basis	: Epoxy / Aliphatic amine system
Color	: Light Grey (Component A:white; Comp. B:black)
Density	: 1,60 kg/l at 20 °C

A detailed technical documents will be provided when requested

Package

Stock Code	Type	Volume	Box
CA046	Pure Epoxy	400 ml	12



Hollow Bricks

Concrete

308

ACRYLIC MONTAGE ADHESIVE (Instant Grab)

Akfix 308 is a water-based adhesive used for bonding numerous building materials. It is particularly suitable for DIY users due to solvent-free content and high bonding strength.

- Weatherproof
- Good Gap-Filling
- Solvent-Free

Application Areas

Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc. Mounting wooden construction elements, wood and plaster panels, plaster ornaments. Mounting decorative wooden trimmings. Repairing cracks in plaster.Quick repairs on walls and plaster. Suitable surfaces: MDF, Particleboard, Wood, Polystyrene foam, Concrete, Masonry, Tile, Ceramic, Stone, Plasterboard.

Features

Acrylic dispersion based. Good gap-filling capacity on rough surfaces. Suitable for both indoor and outdoor applications. Weatherproof. Over paintable. Low odour. Solvent-free.

Technical Properties

Basis	: Acrylic dispersion
Density	: 1.70 ± 0.03 gr/cm³ (ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.) (ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength (beech-beech)	
After 6 hours	: > 25 kgf/cm²
After 24 hours	: > 50 kgf/cm²

Package

Stock Code	Type	Volume	Box
GA208	Cartridge	310 ml	24

Scan QR code for product video.

310

MONTAGE ADHESIVE WATER BASED PAINTABLE

Water-based adhesive used for bonding numerous building materials. It is particularly suitable for DIY users due to solvent-free content and high bonding strength.

- Eco-Friendly, Solvent Free
- Particularly Suitable For Rough Surfaces
- For Both Indoor And Outdoor Applications

Application Areas

Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc. Mounting wooden construction elements, wood and plaster panels, plaster ornaments. Mounting decorative wooden trimmings. Repairing cracks in plaster. Quick repairs on walls and plaster. Suitable surfaces: MDF, particleboard, wood, polystyrene foam, concrete, masonry, tile, ceramic, stone, plasterboard.

Features

Acrylic dispersion based. Good gap - filling capacity on rough surfaces. Suitable for both indoor and outdoor applications. Weatherproof. Paintable. Low odour. Solvent-free.

Technical Properties

Basis	: Acrylic dispersion	
Density	: 1.40 ± 0.03 gr/cm³	(ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.)	(ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)	
Temperature Resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	
Maximum Shear Strength	(beech-beech)	
After 6 hours	: > 40 kgf/cm²	
After 24 hours	: > 70 kgf/cm²	

ECO Friendly

Package

Stock Code	Type	Volume	Box
GA200	Cartridge	310 ml	24
GA205	Plastic Tube	250 ml	36
GA201	Plastic Bucket	1 kg	6
GA225	Plastic Bucket	25kg	1
GA820	Sousage Aluminium Foil	80 ml	36

310S

STUD ADHESIVE (Instant Grab)

Stud adhesive is water based acrylic adhesive with high grab formulation used in jamb and drywall construction and assembling of construction materials. With its high adhesion power and solventless formula, it is ideal for both professional and home users.

- High Adhesion Power & Solventless Formula
- Interior & Exterior
- No Odor & Solvent

Application Areas

Construction of drywall and bonding intermediate materials. Repair works at walls and plaster materials. Bonding of wood, ceramic, faience, plaster and synthetic construction materials. The installation of ornamental elements made of plaster and wood. The installation of moldings, paneling, baseboards and drywall material. The adviced substrates to be used with are; MDF, particleboard / fiber plates wood, polystyrene foam, concrete, brick, ceramic, natural stone and plaster.

Features

For usage in both interior and exterior applicatioıns. Usable in vertical places. Fills the gaps on uneven surfaces. Acrylic dispersion based. Resistant to weather conditions. No odor & solvent. Paintable.

Technical Properties

Density	: 1.40 ± 0.03 gr/cm^3	(ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.)	(ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)	
Temperature Resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	
Maximum Shear Strength (beech-beech)		
After 6 hours	: > 40 kgf/cm^2	
After 24 hours	: > 70 kgf/cm^2	

Package

Stock Code	Type	Volume	Box
GA200.S	Cartridge	310 ml	24

312P

PANEL ADHESIVE (XPS, EPS, and Plaster Board) WATER BASED PAINTABLE

Panel adhesive is an acrylic based adhesive with high initial strength designed for the mounting of the xps, eps, plaster boards and light weight decoration materials.

- High Initial Tack
- Best For Mounting XPS, EPS & Plaster Boards
- Eco-Friendly

Application Areas

Installation of the xps, eps, plaster board, polystyrene and decorative panels on various building materials. Bonding of wooden structural elements. The installation of moldings, paneling, baseboards and drywall material. Bonding of tiles, bricks, foam, felt and similar materials.

Features

High initial power. Both vertical and horizontal application. Waterborne. No odor & solvent. Paintable.

Technical Properties

Basis	: Acrylic dispersion	
Density	: 1.68 ± 0.03 gr/cm^3	(ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.)	(ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)	
Temperature Resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	
Maximum Shear Strength	(beech-beech)	
After 6 hours	: 30 kgf/cm^2	
After 24 hours	: > 60 kgf/cm^2	

Package

Stock Code	Type	Volume	Box
GA212	Cartridge	310 ml	24
GA213	Plastic Bucket	Gw. 3kg	4

320C

CORNICE ADHESIVE

A Premium formula, with excellent initial adhesion strength that is utilized in assembly of the polystyrene cornice sheets. Also provides good performance with plasterboards and decoration materials.

- Utilized In Assembly Of The Cornice Sheets
- Significant Initial Adhesion Ability
- Usable On Rough Surfaces

Application Areas

For assembly of the polystyrene decorative cornices and panels, Suitable for the substrates such as ceramic tiles, bricks, foams, felts etc. For the adhesion of plasterboards and ornamental materials, For the adhesion of the wooden construction elements.

Features

Initial adhesion ability of 120 kg/m2, Both vertical and horizontal application, Good gap-filling capacity on rough surfaces, Waterborne, No odor & solvent, Paintable.

Technical Properties

Basis	: Acrylic dispersion	
Density	: 1.70 ± 0.03 gr/cm³	(ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.)	(ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)	
Temperature Resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	
Maximum Shear Strength	(beech-beech)	
After 6 hours	: > 25 kgf/cm²	
After 24 hours	: > 50 kgf/cm²	

Package

Stock Code	Type	Volume	Box
GA214	Cartridge	310 ml	24
GA21406	Plastic Bucket	1 kg	12
GA21410	Plastic Bucket	10kg	1
GA21425	Plastic Bucket	25kg	1

900N

NEUTRAL MIRROR ADHESIVE

High performance neutral cure silicone which is particularly designed for bonding the mirrors in all kinds and sizes without harming the mirror. A bonded mirror is safer because there is no risk of large pieces of glass falling in the event of breakage.

- 100% Silicone
- High Adhesive Strength
- Non-Corrosive To Mirrors

Application Areas

For fixing and bonding of mirrors in some places such as fitness centers, restaurants, cafes, hotels, and offices where mirror wall is required. For glazing works. Sealing applications where a low odor is required.

Features

Highly elastic, +/-25% movement capability. Excellent primerless adhesion to numerous porous and non-porous substrates. Safer mirror construction with non-corrosive properties. Permanently elastic. Fast curing. 100% Silicone, solventless. Solvent free, very low odor. Adjustable, easy to apply. High viscosity non slump formula. One component moisture-cured. Excellent tooling propertie. Resistant to temperature extremes (-60 °C to +180 °C).

Technical Properties

Basis	:	Silicone Polymer(Oxime)	
Curing System	:	Neutral	
Density	:	1.00± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	:	17-25 (after 28 days)	
Tensile Strength	:	≥ 1 N /mm2 (23°C and 50% R.H)	(ASTM D412)
Skin formation	:	5-10 min. (23°C and 50% R.H)	
Curing Rate	:	Min. 2,5 mm/day (23°C and 50% R.H)	
Efficiency	:	Approx. 10 meters. (For 10 mm width 3mm thickness)	
Elongation At Break	:	≥ 400%	(ASTM D412)
Elastic Recovery	:	Approx. 100%	(ISO 7389)
Sagging	:	0 mm (ISO 7390)	
Temperature Resistance	:	-60°C to +180°C	
Application Temperature	:	+5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA081	Transparent	310 ml	24

CE
EN 15651-2

www.akfix.com/fastadhesive

705

UNIVERSAL FAST ADHESIVE

An adhesive set which consists of high viscosity cyanoacrylate adhesive and activator.

- Bonds Within Seconds
- Even Suitable On Uneven Surfaces
- High Bonding Power

Application Areas

It is suitable for the bonding of a very wide range of materials, including acidic surfaces (thanks to activator) and some porous ones, where rapid bonding times are required. Suitable for MDF, wood, chip wood, rubber, most plastics, leather and other common substrates. Especially suitable for the applications where cure speed needs to be accelerated. Although Akfix 705 has a degree of gap filling ability, it is generally recommended for use on close-fitting parts and fairly smooth, even surfaces.

Features

High bonding strength. Suitable for use on vertical surfaces as it will not drip or slump. It is particularly suited to bonding difficult substrates which have a porous or uneven nature since it increases bonding strength by preventing the adhesive to be absorbed by the surface.

Technical Properties

Glue

Basis	: Ethyl Cyanoacrylate	
Appearance	: Liquid gel	
Color	: Colorless	
Application Temperature	: +5°C to +35°C	
Density	: 1.06 ± 0.01 gr/cm³	ASTM D1875
Flashpoint	: > 81 °C	
Viscosity	: 1200 - 1800 Cps at 25°C	ASTM D1084
Temperature Resistance	: -20°C to +70°C	

Activator

Basis	: Hexane
Appearance	: Aerosol
Color	: Colorless
Application Temperature	: +5°C to +35°C
Temperature Resistance	: -20°C to +70°C

Package

Stock Code	Type	Volume	Box
GA060		200 ml+ Gw. 65gr	24
GA065		400 ml+ Gw. 125gr	24
GA065.B		400 ml+ Gw. 100gr	24
GA060.B		200 ml+ Gw. 50gr	24
GA061		250 ml+ Gw. 65gr	24
GA066		500 ml+ Gw. 125gr	24
GA055	Box with dropper	100 ml+25gr	48
GA055BL	Plastic Blister, with dropper	100 ml+25gr	24

702LV

SUPER GLUE CYANOACRYLATE (20 Cps)

Low viscosity superfast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

- Low Viscosity
- Non- Clog Bottle
- High Bond Strength Just In Seconds

Application Areas

Suitable for rubber, metals, porcelain, rubber, leather, wood, paper ceramic and many plastics.

Features

Immediate bond. Very high bond strength after a few seconds.

Twist Cap:

Unlike normal bottle which uses a needle or a pin on the cap to prevent clogging, the Non-Clogging bottle has a special designed top which hides the cap inside the bottle.

Technical Properties

Basis	: Ethyl Cyanoacrylate	
Appearens	: Liquid gel	
Colour	: Colourless	
Application Temperature	: +5°C to +30°C	
Density	: 1,05 ± 0,01 g/cm³	ASTM D1875
Flashpoint	: >80°C	
Viscosity	: 20 Cps	ASTM D1084

Package

Stock Code	Type	Volume	Box
GA023.LV	Round Bottle, Twist Cap, Blister	Gw. 30 gr	36 / 288

CE
EN 15651-2

702HV

SUPER GLUE CYANOACRYLATE (100 Cps)

High viscosity superfast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

- Low Viscosity
- Instant Adhesion
- High Bond Strength Just In Seconds

Application Areas

Suitable for rubber, metals, porcelain, rubber, leather, wood, paper ceramic and many plastics.

Features

Immediate bond. Very high bond strength after a few seconds.

Technical Properties

Basis	: Ethyl Cyanoacrylate
Appearens	: Liquid gel
Colour	: Colourless
Application Temperature	: +5°C to +30°C
Density	: 1,05 ± 0,01 g/cm3 ASTM D1875
Flashpoint	: >80°C
Viscosity	: 100 cps ASTM D1084

Package

Stock Code	Type	Volume	Box
GA024.HV	Round Bottle	Gw. 65 gr	25 / 200

GA020

702

SUPER GLUE CYANOACRYLATE

Low viscosity superfast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

- Extra Low Viscosity
- Instant Adhesion
- High Bond Strength Just In Seconds

Application Areas

Suitable for rubber, metals, porcelain, rubber, leather, wood, paper ceramic and many plastics.

Features

Immediate bond. Very high bond strength after a few seconds.

Technical Properties

Basis	: Ethyl Cyanoacrylate	
Appearens	: Liquid gel	
Colour	: Colourless	
Application Temperature	: +5°C to +30°C	
Density	: 1,05 ± 0,01 g/cm³	ASTM D1875
Flashpoint	: >80°C	
Viscosity	: 2 - 5 Cps	ASTM D1084

Package

Stock Code	Type	Volume	Box
GA020		Gw. 25 gr	50 / 500
GA021	Round Bottle	Gw. 30 gr	36 / 288
GA022	Round Bottle, Box	Gw. 30 gr	32 / 256

GA022

GA021

Scan QR code for product video.

303

SUPER GLUE CYANOACRYLATE

Low viscosity super fast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

- Extremely Fast Bonding Experience
- Dries Transparent
- Best For Smooth Surfaces

Application Areas

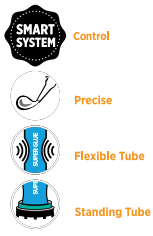
Suitable for rubber, metals, ceramic and many plastics.

Features

Immediate bond. Very high bond strength after a few seconds.

Technical Properties

Basis	: Ethyl Cyanoacrylate	
Appearance	: Liquid gel	
Color	: Colorless	
Application Temperature	: +5°C to +35°C	
Density	: 1.05 ± 0.01 gr/cm^3	ASTM D1875
Flashpoint	: >81°C	
Viscosity	: 40 - 80 Cps at 25°C	ASTM D1084



Package

Stock Code	Type	Volume	Box
GA003	PVC Blister	3 gr	12 /288
GA0031	PVC Blister Smart	3 gr	
GA003.3	PVC Blister	3 gr X 3 pcs	
GA003.4	PVC Blister	1 gr X 3 pcs	

202

UNIVERSAL CONTACT ADHESIVE (Toluene Free)

Fast curing, high strength adhesive based on chloroprene rubber.

- Fast Adhesion Capability
- Forms A Resilient Bond
- Moisture Tolerant

Application Areas

It is mainly used in upholstering, shoe and textile industry for bonding of the most common materials such as; Rubber, fabric, leather, artificial leather, cork, metal, chipboard etc. to itself or to several other substrates.

Features

Rapid curing. Provides flexible bond. Good frost resistance. Moisture resistant.

Technical Properties

Basis	: Chloroprene Rubber
Curing Mechanism	: Physical Drying
Tack-Free	: 25-30 min. (ASTM C679)
Density	: 0,808 – 0,812 gr/cm3 (ASTM D1875)
Viscosity	: 3000-4500 Cps (ASTM D1084)
Temperature Resistance	: -20oC to +90 oC
Application Temperature	: +5 oC to +35 oC

Package

Stock Code	Type	Volume	Box
GA202		50 ml	240
GA500	Gw.500 g.	Br. 500 g.	24
GA507	Gw.750 g.	750 ml Net 608 gr	24

Frost Resistant

204

UNIVERSAL CONTACT ADHESIVE

Fast curing, high strength adhesive based on chloroprene rubber.

- Fast Adhesion Capability
- Forms A Resilient Bond
- Moisture Tolerant

Application Areas

It is mainly used in upholstering, shoe and textile industry for bonding of the most common materials such as; Rubber, fabric, leather, artificial leather, cork, metal, chipboard etc. to itself or to several other substrates.

Features

Rapid curing. Provides flexible bond. Good frost resistance. Moisture resistant.

Technical Properties

Basis	: Chloroprene Rubber	
Curing Mechanism	: Physical Drying	
Tack-Free	: 20-25 min.	(ASTM C679)
Density	: 0,808 – 0,812 gr/cm³	(ASTM D1875)
Viscosity	: 1400 – 1750 Cps	(ASTM D1084)
Temperature Resistance	: -20°C to +90°C	
Application Temperature	: +5°C to +35°C	

Package

Stock Code	Type	Volume	Box
GA530		3 Lt/Br 2 Kg	1
GA517		17 Lt/15 Kg	1

Frost Resistant

RT238

RETAINING HIGH STRENGTH

Akfix RT238 is a single component, resin based, high viscosity, high strength product used for strengthening mechanical connections.

Field Of Application and Properties

- Can be used on all kinds of rough surfaces.
- Fills gaps in worn out joints
- Fits bearings, prevents the dislocation.
- Fills smallest gaps due to its low viscosity and is used in sensitive fittings.
- Fits impellers and shafts together.
- Locks linings and boots to their beds and on the shaft.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Liquid
Colour	:	Green
Viscosity	:	Medium to high
Strength	:	High
Specific gravity Conditions: 22°C	:	1.04
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 150°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.25mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	4000 - 4500 cPs (@20 rpm)

Package

Stock Code	Type	Volume	Box
RT238_01	Retaining	50 ml	120
RT238_02	Retaining	250 ml	36

PS252

PIPE SEALANT HIGH STRENGTH

Akfix PS252 is is a low-medium viscosity and high strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly.

Field Of Application and Properties

- It can be easily applied to threaded joints and removed easily with hand tools.
- With its specialized formulation, PS252 can be used applications where high pressure proof or oil resistance is required.
- Especially suitable for H-thick metal threaded joints according to EN 751-1 standard.
- The product resists high temperatures with maintaining high strength.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Liquid
Colour	:	Red
Viscosity	:	Low-Medium and Tixotropic
Strength	:	High
Specific gravity Conditions: 22°C	:	1.035
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 200°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.15mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	2000 - 5000 cPs (@2.5 rpm)

Package

Stock Code	Type	Volume	Box
PS252_01	Pipe	50 ml	120
PS252_02	Pipe	250 ml	36

PS253

PIPE SEALANT MEDIUM STRENGTH

Akfix PS253 is a medium viscosity and medium strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly.

Field Of Application and Properties

- It can be easily applied to threaded joints and removed easily with hand tools.
- With its specialized formulation, PS253 can be used applications where high pressure proof or oil resistance is required.
- The product resists very high temperatures after full curing.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Liquid
Colour	:	Blue
Viscosity	:	Medium and thixotropic
Strength	:	Medium
Specific gravity Conditions: 22°C	:	1.03
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 150°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.20mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	7000 – 15000 cPs (@2.5 rpm)

Package

Stock Code	Type	Volume	Box
PS253_01	Pipe	50 ml	120
PS253_02	Pipe	250 ml	36

HP242

PIPE SEALANT (HIGH PRESSURE)

Akfix HP242 is an easily applied anaerobic low viscosity pipe sealant used in hydraulic & pneumatic fittings with diameters up to 50 mm and servomechanisms.

Field Of Application and Properties

- Does not shrink when fully cured.
- Shows great resistance to high pressure, vibration, solvents, heat up to 150°C, moisture,and corrosion.
- Easly applied to hydraulic & pneumatic fittings with diameters up to 50 mm and servomechanisms.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Liquid
Colour	:	Brown
Viscosity	:	Low-Medium and thixotropic
Strength	:	High
Specific gravity Conditions: 22°C	:	1.041
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 200°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.15mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	1800 - 2000 cPs (@20 rpm)

Package

Stock Code	Type	Volume	Box
HP242_01	Pipe	50 ml	120
HP242_02	Pipe	250 ml	36

PS257

PIPE SEALANT (WITH TEFLON)

Akfix PS257 is a high viscosity and medium strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly.

Field Of Application and Properties

- It can be easily applied to threaded joints and removed easily with hand tools.
- With its specialized formulation, PS257 can be used applications where high pressure proof or oil resistance is required.
- The product resists very high temperatures after full curing.
- Especially suitable for H-thick metal threaded joints according to EN 751-1 standard.
- The product fills high distance gaps and gives perfect results on wide-diameter (wider than 0.5mm) applications.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Paste
Colour	:	Yellow
Viscosity	:	High and thixotropic
Strength	:	Medium
Specific gravity Conditions: 22°C	:	1.02
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 150°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.5mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	50000 - 60000 cPs (@20 rpm)

Package

Stock Code	Type	Volume	Box
PS257_01	Pipe	50 ml	120
PS257_02	Pipe	250 ml	36

L222

THREADLOCKER (LOW STRENGTH)

Akfix L222 is a low-strength, easy to remove screw lock. Works on all metals, especially good on low strength metals which could damage during disassembly, e.g. brass or aluminium.

Field Of Application and Properties

- Ideal for low-strength thread-locking of adjusting screws.
- Easy to remove screw lock.
- Especially good on low strength metals which could damage during disassembly, e.g. brass or aluminium.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Liquid
Colour	:	Purple
Viscosity	:	Medium and thixotropic
Strength	:	Low
Specific gravity Conditions: 22°C	:	1.01
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 150°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.25mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	4000 - 7000 cPs (@2.5 rpm)

Package

Stock Code	Type	Volume	Box
L222_01	Threadlocker	50 ml	120
L222_02	Threadlocker	250 ml	36

L243

THREADLOCKER (MEDIUM STRENGTH)

Akfix L243 is a medium strength thixotropic anaerobic thread locker. The product cures when confined in the absence of air between close-fitting metal surfaces.

Field Of Application and Properties

- Formulated to lock all metric and imperial nuts and bolts
- Prevents vibration loosening and leakage through the threads
- Slightly oil tolerant; it will bond some 'as received' parts, but best results are obtained with clean substrates.
- The thixotropic nature of the product prevents run off, dripping and migration after assembly.
- Typically used on mounting bolts, housing screws, etc.
- Prevents corrosion of assembled parts.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Liquid
Colour	:	Blue
Viscosity	:	Medium and thixotropic
Strength	:	Medium
Specific gravity Conditions: 22°C	:	1.030
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 150°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.25mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	4000 - 5000 cPs (@20 rpm)

Package

Stock Code	Type	Volume	Box
L243_01	Threadlocker	50 ml	120
L243_02	Threadlocker	250 ml	36

L270

THREADLOCKER (HIGH STRENGTH)

Akfix L270 is a single component, high strength (permanent) anaerobic thread locker. The product cures when confined in the absence of air between close-fitting metal surfaces.

Field Of Application and Properties

- Formulated to lock metal fasteners;
- Particularly suitable for larger threaded fasteners, e.g. studs and all applications where maximum strength is needed.
- Prevents corrosion of assembled parts.

Technical Properties

Main constituent	:	Methacrylate ester
Appearance (uncured)	:	Liquid
Colour	:	Green
Viscosity	:	Medium and thixotropic
Strength	:	High
Specific gravity Conditions: 22°C	:	1.040
Flash point Method: ASTM D56-05	:	>93°C
Temperature range	:	-50°C to 150°C
Corrosivity	:	Non-corrosive
Gap filling	:	up to 0.15mm
Viscosity Conditions: 22°C Method: ISO 2555 Apparatus: Brookfield RVT, spindle 3	:	3000 - 4000 cPs (@20 rpm)

Package

Stock Code	Type	Volume	Box
L270_01	Threadlocker	50 ml	120
L270_02	Threadlocker	250 ml	36

Scan QR code for product video.

HM208

HOT MELT STICK

Translucent, high viscosity and slow setting general purpose glue stick.

- Easy Gun Use
- Environmentally Friendly
- High Green Strength

Application Areas

Ideal for household repairs, DIY tasks, craft and hobby works.

Features

Designed for use on the paper, cloth and plastic related applications. Ideal for bonding wood, metal, fabric, ceramics, masonry, leather, cardboard. Appropriate when immediate bonding is required. Environmentally friendly. Gap-filling. High green strength. Non-sticky surfaces. Odourless. Easy to use.

Technical Properties

Basis	: Synthetic Resins (Ethylene VinylAcetate)	
Appearance	: Translucent	
Softening point	: 86 °C ± 3 (Ring and Ball)	(ASTM E28)
Specific Gravity	: 0.98 g/cm^3	(ASTM D792)
Thermosel viscosity	: 2250 cPs at 1210	(ASTM D3236)
Open time	: 45 - 50 seconds	
Water resistance	: Excellent	
Application Temperature	: 180- 200 °C	

Package

Stock Code	Type	Volume	Box
GA100	Transparent	1 kg.	16
GA110	Transparent	1 kg.	25
GA101	Transparent	300 gr.	60
GA102	Black	300 gr.	60
GA120	Transparent	1 kg.	16

8 mm

11 mm

R305

PVC CEMENT

Adhesive containing stabilized Tetrahydrofurane is suitable for joints, resistant to shear strain of pressure pipes (e. g. drinking water and gas pipes) with uPVC fittings, and gluing cable conduits, drain pipes etc in accordance with the recommendations of the Plastic Pipe Association.

- 16 Bars Pressure Resistance
- Temperature Resistance Up To 60°C
- Forms A Resistant Film Against Bacteria

Application Areas

Specifically indicated for: Bonding cement uPVC pipes and accessories in pressure systems up to 16 PN. Bonding pipes and accessories in waste systems according to the following: PVC-U plastics piping systems for soil and waste discharge (low and high temperature). ABS plastics piping systems for soil and waste discharge (low and high temperature). PVC-C plastics piping systems for soil and waste discharge (low and high temperature).

Features

High pressure resistance (16 bars). Water resistant. Chemical resistant especially to inorganic acids. Fast curing, maximum leak protection. Excellent gap-filling proprieties. Easy bonding even on large surfaces. Hot and cold water pipes (60°C). Resistant to bacteria. The products conforms to following standards. DIN 16970. BS 4346. ASTM-D 2564. NEN 7106

Technical Properties

Base	: PVC polymer resin, organic solvents and thixotropic agents.
Viscosity	: Approx. 9.000 mPa s (Brookfield RVT, 20 rpm, Sp.3)
Solid content	: Aprox. %20
Relative density	: Aprox. 0.90 gr/ml
Flammability	: Highly flammable
Open time(23 °C)	: Maximum 2 minutes
Maximum Gap Filling Capacity	:+ 0,6 mm
Pressure Drying time (in normal conditions)	: 24 h
Shear strength (1 h drying time)	: > 0,4 MPa
Shear strength (24 h drying time)	: > 1,5 MPa
Shear strength (20 days +4 days drying time)	: > 7,0 MPa
Pressure resistance (20°C)	: 51,2 bar
Pressure resistance (40°C)	: 20,8 bar
Application temperature	: -5°C to +30°C
Service temperature	: -5°C to +50°C

Package

Stock Code	Type	Volume	Box
PA355	Transparent	Net. 50 g.	25
PA351	Transparent	125 ml.	50
PA325	Transparent	250 ml.	24
PA350	Transparent	500 ml.	12
PA310	Transparent	1000 ml.	12

Scan QR code for product video.

R306

PVC CEMENT (THF FREE)

Special solvent cement for joining rigid PVC pipes and accessories pressure systems, according to BS EN 14814 and BS EN 14680. Specifically indicated to bond thermoplastic piping systems that conform to BS EN 1452, BS EN 1455, BS EN 1566 and BS EN 1329. Adhesive with CE Marking for thermoplastic piping systems for fluids under pressure (PN16). Designed also to be used in non pressure systems such as PVC and ABS.

- 16 Bars Pressure Resistance
- Environmentally Friendly
- High Green Strength

Application Areas

Very high initial forging speed. High resin content gives a good filling capacity in diametrical gaps. THF free. Gel consistency and excellent fluidity. High thixotropic index – prevents it from dripping upon application. Acts as a real chemical welding system for PVC, due to its composition. Easy to apply; it does not run or form "tears" inside the fixed pipes. The fixed joints present resistance and ageing characteristics comparable to those of cement PVC. Complies with requirements of the standard BS-EN14680 and BS-EN14814.

Features

Specifically indicated for:
Bonding cement PVC-U pipes and accessories in pressure systems up to 16 PN according to BS EN 14814 "Adhesives for thermoplastic piping systems for fluids under pressure. Specifications". Specifically indicated to bond thermoplastic piping systems that conform to BS EN 1452 and BS EN 1329. Bonding pipes and accessories in waste systems according to the following standards:
PVC-U plastics piping systems for soil and waste discharge (low and high temperature) BS EN 1329. ABS plastics piping systems for soil and waste discharge (low and high temperature)BS EN 1455. PVC-C plastics piping systems for soil and waste discharge (low and high temperature)BS EN 1566.

Technical Properties

Base	: PVC-U polymer resin, organic solvents and thixotropic agents.
Color	: Transparent
Viscosity	: 7000-15000 cP
Density	: 0.96 gr/ml
Flammability	: Highly flammable
Open time	: 20°C = 4 min 25°C = 3 min 30°C = 2 min 40°C = 1 min >40°C = <1 min
Maximum Gap Filling Capacity	: Up to + 0,6 mm
Temperature Resistance	: Up to +60°C

Package

Stock Code	Type	Volume	Box
PA005	THF Free / Transparent	Net. 50 g.	25
PA001	THF Free / Transparent	125 ml.	50
PA025	THF Free / Transparent	250 ml.	24
PA050	THF Free / Transparent	500 ml.	12
PA100	THF Free / Transparent	1000 ml.	12

CE
EN 14814

Scan QR code for product video.

G400

GRANITE AND MARBLE ADHESIVE

Two component polyester resin mastic for bonding and filling of marble, granite and natural stone.

- Fast Drying & Excellent Adhesion
- Resistant Against Alkali & Diluted Acid Solutions
- Bonded Materials Are Ready To Be Used After 2 hr.

Application Areas

Bonding of natural stones like marble, travertine etc. Bonding of concrete, granite, wood surfaces.

Features

Fast drying properties. Available in liquid and solid form. Resistant to alkalis and diluted acid solutions. Temperature resistance of cured adhesive is between -10 °C and +100°C. Bonded surfaces are ready to be used after 2 hours. No color change, cracking or shrinkage during hardening period. Become hard and perfectly polishable after drying.

Technical Properties

Colour	: Beige (Comp. A) White (Comp. B)
Mix ratio	: 100 gr adhesive 1.0 gr hardener
Working time	: 5-10 min. (23°C, 50%R.H)
Application Temperature	: +5°C to +40°C
Specific Gravity	: 1.85 g/cm3 at 20°C (Comp. A)
	: 1.80 g/cm3 at 20°C (Comp. B) (ASTM D1875)
Flash Point	: 33°C (Comp. A) 50°C (Comp. B)
Hardening Time	: 1-3 hour
Mixing Ratio	: %2-3
Mixing Time	: ≈ 1 second
Maximum force (kgf)	: 490
Maximum elongation (Δ / mm)	: 1.18
Maximum stress	: 3.8
Tensile strength (kgf)	: 490
Force elongation. (Δ / mm)	: 1.29
Elongation at break	: 1.7

Package

Stock Code	Type	Volume	Box
MA002	Common	250 gr.	24
MA005	Common	500 gr.	12
MA010	Common	1000 gr.	12
MA012	Common	1200 gr.	12
MA020	Common	2,5 kg.	6
MA025	Common	5 kg.	1
MA250	Common	25 kg.	1

G500

GRANITE AND MARBLE ADHESIVE LIQUID

Polyester based, two component liquid adhesive, used for filling and bonding of marble, granite, natural stone, artificial marble, onyx and ceramic like materials.

- Fast Curing (2-3 Minutes At 20°C).
- Excellent Resistance Against Wearing.
- High Bonding Power Even In High Temperatures.

Application Areas

Bonding of natural stones like marble, travertine, artificial marble, onyx etc.

Features

Fast curing (2-3 minutes at 20°C). Easy to process with its creamy consistency. Perfect shine after mechanical polishing. High chemical resistance. Excellent resistance against wearing. High bonding power even in high temperatures.

Technical Properties

Density	: 1.78 ± 0.02 gr/cm3
Viscosity	: (20 °C 20 rpm) 16000-18000 cps
Color	: Beige/liquid
Type	: Solvent based
The amount of hardener in the mixture	: %2-3
Mixing time	: ≈ 1 min.
Curing Time	: 2-3 min. (at 20°C with %2-3 hardener)
Maximum temperature during reaction	: 110-115 °C
Min. Use temperature	: -5°C
Max. Temperature resistance after curing	: 110°C
Maximum force	: 400 – 500 kgf.
Maximum elongation	: 5 – 8 Δ/mm
Maximum tension	: 0.4-0.5 kg /mm^2
Tensile strength	: 400-500 kgf
Elongation at break	: 4-8 Δ/mm
Mixture time	: ≈ 1 min

Package

Stock Code	Type	Volume	Box
MA010.L	Common	1000 gr.	12

CE
EN 14814

Scan QR code for product video.

710

STONE & MARBLE FAST ADHESIVE

High viscosity cyanoacrylate and activator, which is developed especially for bonding materials such as natural stone, marble, granite and decorative stones.

- Bonds Rapidly In Seconds
- Very Strong Bonding
- Vertical Use

Application Areas

Utilized in assembly and repairs of parts such as natural stone, marble, granite, wood, MDF and metal. Preferred especially in the applications which require rapid curing.

Features

Ability to bond rapidly in seconds. High bonding power. Thanks to its high viscosity formula, it can be used in vertical places without pour and splash. Activator makes it possible and incredibly fast to bond even porous surfaces.

Technical Properties

Glue	
Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Color	: Colorless
Application Temperature	: +5°C to +35°C
Density	: 1.06 ± 0.01 gr/cm^3 ASTM D1875
Flashpoint	: > 81°C
Viscosity	: 1200 - 1800 Cps at 25°C ASTM D1084
Temperature Resistance	: -20°C to +70°C

Activator	
Basis	: Hexane
Appearance	: Aerosol
Color	: Colorless
Application Temperature	: +5°C to +35°C
Temperature Resistance	: -20°C to +70°C

Package

Stock Code	Type	Volume	Box
GA715	Common	400ml+ Gw. 125gr	12
GA710	Common	200ml+ Gw. 65gr	12
GA717	Common	100ml+ Gw. 25gr	24

E300

WATERPROOF EPOXY

Fast cure two-component waterproof epoxy adhesive.

- 20 Minutes Setting Time
- Excellent Adhesion
- Easy to Use

Application Areas

Bonding for wood, glass, crystal, ceramic, porcelain, metal, fiberglass. Repairing furniture and household materials.

Features

High lap shear strength and durability. Applied and cured under water. Cures without shrinkage and crack. Good gap filling capability. Water and chemical resistant. Paintable and sandable,

Technical Properties

Basis	: Epoxy based
Color	: Resin: Transparent
Hardener	: Pale yellow
Density (gr/cm^3)	: Resin: 1,16
Hardener	: 1,05
Viscosity (cps)(25(°C)	: Resin : 12,000-13,000
Hardener	: 9,000-11,000
VOC Content (%)	: 0 (by weight) (Resin and Hardener)
Application temperature (°C)	: 5°C to 25 °C
Mix ratio	: 1:1 (by volume)
Mixed density (gr/cm^3)	: 1,10-1,12
Final colour	: Pale yellow
Set time (min.)	: 15-20 (at 23°C)
Handling time (hr)	: 4 (at 23°C)
Full cure time (hr.)	: 24 (at 23°C)
Service temperature (°C)	: -23 to +60
Gap fill	: Good
Hardness Shore D	: 80±2 (after 7 days)
Paintable	: Yes (but confirm by test)
Sandable	: Yes

Package

Stock Code	Type	Volume	Box
EA211	Syringe	25 ml (29 gr.)	12

E340

QUICK SETTING EPOXY

Fast cure two-component adhesive based on epoxy.

- 5 Minutes Setting Time
- High Shear Strength And Durability
- Very Good Adhesion on Smooth Surfaces

Application Areas

Bonding for wood, glass, crystal, ceramic, porcelain, marble metal, fiberglass, leather, rubber, fabric and rigid plastic substrates. Sealing electrical components. Repairing furniture and house materials.

Features

High lap shear strength and durability. Very fast cure. Cures without shrinkage and crack. Good gap filling capability. Water and chemical resistant. Paintable and sandable,

Technical Properties

Basis	: Epoxy based
Color	: Resin: Transparent
Hardener	: Pale yellow
Density (gr/cm^3)	: Resin: 1,16
Hardener	: 1,13
Viscosity (cps)(25(°C)	: Resin : 12,000 -13,000
Hardener	: 10,000-11,000
VOC Content (%)	: 0 (by weight) (Resin and Hardener)
Application temperature (°C)	: 5°C to 25 °C
Mix ratio	: 1:1 (by volume)
Mixed density (gr/cm^3)	: 1,15
Final colour	: Pale yellow
Set time (min.)	: 4- 5 (at 23°C)
Handling time (min.)	: 30 (at 23°C)
Full cure time (hr.)	: 24 (at 23°C)
Service temperature (°C)	: -23 to +60
Gap fill	: Good
Hardness Shore D	: 80±2 (after 7 days)
Paintable	: Yes (but confirm by test)
Sandable	: Yes

Package

Stock Code	Type	Volume	Box
EA012	Syringe	25 ml (29 gr.)	12

Scan QR code for product video.

E350

STEEL EPOXY & QUICK FIX PUTTY

Steel

Versatile, highly durable and very strong epoxy adhesive. Easy to apply, fast cure and excellent adhesion strength in 5 minutes. Because of its gap filling capability, it can also be used on rough and incompatible surfaces.

Application Areas

Bonding for metal, concrete, wood, glass and ceramic. Use for repairing machinery, appliances, tools, automotive components, pipes. Imbedding bolts and screws into metals, concrete or stone. Sealing electrical components,

Features

Very fast cure. Cures without shrinkage and crack. Good gap filling capability. Machinable. Water and chemical resistant. Paintable and sandable.

Quick

Very fast and strong repair putty. It takes the shape of applied surface and material. It can be applied underwater. It works best on metals, wood, glass, masonry, stone, marble and ceramics.

Application Areas

It is used to bond and fill cracks on all kinds of of metal, masonry, brick, wood, glass, ceramic, fiberglass, stone and marble substrates. It is useful for strong repairs in industries, workshops, appliances, tools, marine, automotive parts, metal joints, construction, pools and cracks in concrete. It is used to seal leaks in pipes, tanks and ductworks and underwater repairing.

Features

Quick and easy to use-cut, knead and apply. No waste: only use as much as you need. Can be machined, drilled, tapped, sanded and painted after cure. Can be used on vertical substrates, no sagging. No shrinkage and cracking. Excellent resistance to hydrocarbons, and saline water, oil, solvents, mild acids and alkalies.

Technical Properties

Basis	: Epoxy based
Color	: Resin: Transparent
Hardener	: Black
Density (gr/cm^3)	: Resin: 1,16
Hardener	: 1,13
Viscosity (cps)(25 °C)	: Resin : 12,000-13,000
Hardener	: 10,000-11,000
VOC Content (%)	: 0 (by weight) (Resin and Hardener)
Application temperature (°C)	: 5°C to 25 °C
Mix ratio	: 1:1 (by volume)
Mixed density (gr/cm^3)	: 1,15
Final colour	: Black
Set time (min.)	: 4- 5 (at 23°C)
Handling time (min.)	: 20 (at 23°C)
Full cure time (hr.)	: 24 (at 23°C)
Service temperature (°C)	: -23 to +60
Gap fill	: Good
Hardness Shore D	: 80±2 (after 7 days)
Paintable	: Yes (but confirm by test)
Sandable	: Yes

Package

Stock Code	Type	Volume	Box
EA112	Syringe	25 ml (29 gr.)	12
EA105	Putty	57 gr.	48

- 5 Minutes Setting Time
- Extremely Strong Adhesion on Metals
- Suitable For Rough And Poorly Fitting Surfaces

WA400

WALLPAPER & BORDURE ADHESIVE UNIVERSAL

Is a wallpaper adhesive based on cold water dispersible starch and cellulose derivatives.

- Gives Time For Positioning
- Quick and Easy Future Removal
- Cleanable with Sponge and Water

Application Areas

Sticking wallpapers, pre-pasted borders, posters, placards etc.

Features

Easy to apply. Allows time for positioning. Makes future removal quick and easy. Dissolves in water with ease. Can be cleaned with a sponge and water.

Technical Properties

Basis	: Carboxymethylated
Appearance	: Mixed sized flakes & powder
Colour	: White to creamy
Viscosity at 3 min.	: 3000-5000 cPs at 23°C
pH	: 7-8
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C

Package

Stock Code	Type	Volume	Box
WA425	Common	250 gr.	24
WA450	Common	500 gr.	12
WA422	Common	25 kg.	1

WA500

HEAVY DUTY WALLPAPER ADHESIVE PREMIUM

Premium wallpaper adhesive which is based on cold water dispersible starch derivative.

- Easy to Apply and Reposition
- Quick and Easy Future Removal
- Protects Itself Against Mold

Application Areas

Suitable for hanging most common types of wallcoverings including paper backed, vinyl coated, textured, embossed etc."

Features

Easy to apply. Thanks to quick dissolving adhesive, viscosity rise quickly. Allows time for positioning. Makes future removal quick and easy. Dissolves in water with ease. Can be cleaned with a sponge and water. Contains anti-fungal & bacterial protection.

Technical Properties

Basis	: Carboxymethylated
Appearance	: Flakes
Colour	: White to creamy
Viscosity at 3 min.	: 8000 cPs at 23ºC (Brookfield RTV, 20 rpm, Sp.3)
pH	: 8
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C

Application Ratios

For 250gr s of adhesive

Paper Type	Amount of Water	Roll	Surface
Light paper	8,5	Liter	9-10 45-50 m²
Normal paper	6	Liter	9-7 38-45 m²
Heavy paper	4	Liter	5-6 25-30 m²

Package

Stock Code	Type	Volume	Box
WA525	Common	250 gr.	24
WA530	Common	300 gr.	18
WA550	Common	500 gr.	12
WA522	Common	25 kg.	1

Scan QR code for product video.

HB260

HYBRID FLOORING ADHESIVE (WOOD &PARQUET)

Single component universal elastic flooring adhesive based on hybrid technology. Thanks to hybrid technology it is solvent, isocyanate and water free. It provides exceptional performance on strips and mosaic parquet, plank floors and wood block floors on porous and non-porous substrates.

- Eco Friendly
- Excellent Elasticity
- Solvent Isocyanate Water Free

Application Areas

Suitable for bonding many different types of floors including strips and mosaic parquet, plank floors and wood block floors on porous and non-porous substrates.

Features

Ready to use: No mixing required. Provides high quality indoor air; Non-toxic, Eco-friendly. Form stable peaks when applied by a notched trowel. Suitable for under-floor heating systems. Permanently flexible. Rapid buildup of final bonding strength. Solvent, Isocyanate and water free. Very easy to apply.

Technical Properties

Chemical Base	: Hybrid Polymer
Curing System	: Moisture
Density	: 1.46 ± 0.003 g/ml
Appearance/Color	: Homogeneous paste / Beige
Skin formation time	: 40±10 (23 °C, 50%R.H.)
Curing Rate	: Min. 2,5 mm/day (23 °C, 50%R.H.)
Sagging (ISO 7390)	: None
Shore A Hardness (ISO 868)	: 40-50
Elongation at Break % (ISO 37)	: Min. 150%
Volume Loss (EN ISO 10563)	: < 3%
Tensile Strength (ISO 37)	: Min. 1,5 N/mm²

Package

Stock Code	Type	Volume	Box
AHB60	Beige	600 ml	12
AHB2608	Beige	8 kg.	1
AHB2615	Beige	15 kg.	1

AKKİM YAPI KİMYASALLARI SANAYİ ve TİCARET A.Ş.
Z-155.10-471
Emissionsgeprüftes Bauprodukt nach DIBt-Grundsätzen
Emission tested building product according to DIBt principles

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
A+ A B C

HB262

HYBRID WOOD FLOORING ADHESIVE

single component universal elastic flooring adhesive based on hybrid technology. Thanks to hybrid technology it is solvent, isocyanate and water free. It provides high performance on strips and mosaic parquet, plank floors and wood block floors on porous and non-porous substrates.

- Strong Initial Adhesion
- Stable & Elastic Adhesive
- Long Open Time

Application Areas

Suitable for bonding many different types of floors including strips and mosaic parquet, plank floors and wood block floors on porous and non-porous substrates.

Features

Ready to use: No mixing required. Cost effective. Non-toxic, eco-friendly. Form stable peaks when applied by a notched trowel. Suitable for under-floor heating systems. High bonding strength. Solvent, Isocyanate and water free. Very easy to apply.

Technical Properties

Curing System	: Moisture
Density	: 1.56 ± 0.003 g/ml
Appearance/Color	: Homogeneous paste / Beige
Skin formation time	: 50±10 (23 °C, 50%R.H.)
Curing Rate	: Min. 2,5 mm/day (23 °C, 50%R.H.)
Sagging (ISO 7390)	: None
Shore A Hardness (ISO 868)	: 40-50
Elongation at Break % (ISO 37)	: Min. 150%
Volume Loss (EN ISO 10563)	: < 3%
Tensile Strength (ISO 37)	: Min. 1,2 N/mm2

Package

Stock Code	Type	Volume	Box
AHB62	Beige	600 ml	12
AHB2628	Beige	8 kg	1
AHB2625	Beige	15 kg	1

FL205

PVC FLOORING ADHESIVE

Akfix FL205 PVC Flooring Adhesive is a one part, water borne acrylic based adhesive that is used for adhesion of PVC/Vinyl floorings and tiles, heterogeneous PVC, expanded vinyl, semi-flexible floor tiles and felt-backed carpets to the floor.

- Strong Initial Adhesion
- Stable & Elastic Adhesive
- Long Open Time

Application Areas

Concrete, sand/cement screeds. Smoothened sub-floors. Subfloors composed of wood materials. For Interior use only. Use only horizontal surface.

Features

Single component, no mixing required. Solvent-free, very low emissions. Easy to apply. Long open time. Strong initial adhesion power. Stable and elastic adhesive. Suitable for use of wheelchair and rubber-wheeled vehicle traffic. Suitable for installation on under-floor heating systems.

Technical Properties

Chemical Base	: Acrylic Dispersion	
Density	: 1.44 ± 0.03 g/ml	
Color	: Grey	
Waiting Time	: 5-10 min.	(20°C and 50% R.H.)
Working Duration	: 35-45 min.	(20°C and 50% R.H.)
Set to Traffic	: 18-48 h	(20°C and 50% R.H.)
Full Setting	: 48 h	
Application Temperature	: +5°C to +35°C	

Package

Stock Code	Type	Volume	Box
FL205	Plastic Bucket	20kg	1
FL205.1	Plastic Bucket	5kg	1

PU ADH 315

RUBBER TILE AND PARQUET ADHESIVE

Two component, solventless, polyurethane based rubber tile and parquet adhesive. It is specially designed for rubber tile and wood bonding to concrete surfaces. It is resistant to salt water and most chemicals. Easy appliccable, durable and elastic adhesive for various substrates.

- Excellent Bonding Strength
- Interior and Exterior Applications
- Long Working and Gel Time

Application Areas

Bonding all types of parquets. Bonding artificial grass sports ground applications. Bonding rubber sheets to different surfaces such as; concrete, hardboard, chipboard. Bonding metal, ceramic, concrete, wood etc.

Features

Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

Technical Properties

Appearance	:Beige or any desired color
Viscosity (cps)	:Thixotropic
Density (25 °C) (gr/cm3)	:1,72 (A component)
	1,2 (B component)
Solids (%)	:100
Mix ratio	:7/1: A/B (By weight)
Open time (min)	:25-40 (at 23 °C 50% R.H.)
Tack free time (hr)	:1-2 (at 23 °C 50% R.H.)
Film resistance	:Water and heat resistant
Covarage	:(kg/m2) 0,9-1.1 (1 mm thickness)

Package

Stock Code	Type	Volume	Box
ADH3221	Green+Brown	24 kg. set (21 + 3 Kg)	1

PU ADH 325

ARTIFICIAL GRASS ADHESIVE

Two component, solventless, self leveling, polyurethane based adhesive designed for installation of artificial grass. It is resistant to water, moisture and corrosive materails. Suitable for use in adverse weather conditions.

- Excellent Bonding Strength
- Interior and Exterior Applications
- Flexible & Durable

Application Areas

Bonding artificial grass sports ground applications. Bonding rubber sheets to different surfaces such as; concrete, hardboard, chipboard. Bonding metal, ceramic, concrete, wood etc.

Features

Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

Technical Properties

Appearance	: Green or any desired colour
Viscosity (cps)	: Thixotropic
Density (25 °C) (gr/cm3)	: 1,52 (A component)
	: 1,2 (B component)
Solids (%)	: 100
Mix ratio	: 5/1: A/b (By weight)
Open time (min)	: 25-40 (at 23°C 50% R.H.)
Tack free time (hr)	: 1-1,5 (at 23°C 50% R.H.)
Film resistance	: Water and heat resistant
Covarage (kg/m2)	: 0,9-1.1 (1 mm thickness)

Package

Stock Code	Type	Volume	Box
ADH3215	Green+Brown	18 kg. set (15 + 3 kg)	1

PU ADH 305

RUBBER TILE AND PARQUET ADHESIVE

Two component, solventless, polyurethane based rubber tile and parquet adhesive. It is specially designed for rubber tile and wood bonding to concrete surfaces. It is resistant to salt water and most chemicals. Easy appliccable, durable and elastic adhesive for various substrates.

- High Bonding Strength
- Solvent Free
- Durable

Application Areas

Bonding all types of parquets. Bonding artificial grass sports ground applications. Bonding rubber sheets to different surfaces such as; concrete, hardboard, chipboard. Bonding metal, ceramic, concrete, wood etc.

Features

Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

Technical Properties

Appearance	: Beige or any desired color
Viscosity (cps)	: Thixotropic
Density (25 °C) (gr/cm^3)	: 1,8 (A component)
	: 1,2 (B component)
Solids (%)	: 100
Mix ratio	: 9/1: A/B (by weight)
Open time (min)	: 40-50 (at 23°C 50% R.H.)
Tack free time (hr)	: 2-3 (at 23°C 50% R.H.)
Film resistance	: Water and heat resistant
Covarage (kg/m^2)	: 0,9-1.1 (1 mm thickness)

Package

Stock Code	Type	Volume	Box
ADH3018	Beige+Brown	20 kg. set (18 + 2 kg)	1

BINDER PU RB 205

STANDARD PRESS

One component, polyurethane binder which cures by reaction with atmospheric moisture. It is 100% solids, low viscosity and produces a elastic membrane with excellent adhesion to recycled rubber granules. This is our fast curing speed binder which is primarily used in press system applications.

- One Component
- Excellent Adhesion to Rubber Granules
- Fast Cure

Application Areas

Parks. Children's playgrounds. School playgrounds. Sport facilities. Outdoor recreation areas. Synthetic surfaces. Rubber floor and doormat. Sound vibration required surfaces.

Features

One component. Excellent adhesion on rubber granules. Flexible. Durable. Solvent free.

Technical Properties

Basis	: Polyurethane
Color	: Yellow/Amber
Solids by weight	: 100 %
Viscosity	: 4000-5500 mPa.s (at 25-^{0}C)
Density	: 1,1±0,03 gr/cm^{3} (at 25-^{0}C)
% NCO	: 9,5 -11,5
Dust Free Time	: 100-130 min (at 23-^{0}C 50% H)

Package

Stock Code	Type	Volume	Box
PURB205.220	Amber	220 kg drums	1

BINDER PU RB 102

POUR IN PLACE

One component, UV stability enhanced polyurethane binder which cures by reaction with atmospheric moisture. It is 100% solids, low viscosity and produces a elastic membrane with excellent adhesion to recycled rubber granules. This is our slow curing speed binder which is primarily used in pour in place applications where humidity is in the 50%- 80% and temperatures is in the 20-35 °C.

- One Component
- Excellent Adhesion to Rubber Granules
- Enhanced UV Stability

Application Areas

Parks. Children and school playgrounds. Running tracks and walkways. Sport facilities. Outdoor recreation areas. Synthetic surfaces.

Features

One component. Excellent adhesion on rubber granules. Enhanced UV stability. Flexible. Durable. Moisture cure. Solvent free.

Technical Properties

Basis	: Polyurethane
Color	: Yellow/Amber
Solids by weight (%)	: 100
Viscosity (mPa.s)	: 3500-4000 (at 25°C)
Density (gr/cm³)	: 1,1 ±0,03 (at 25°C)
Free NCO (%)	: 10 -11,5
Open Time (hr)	: 1- 1,5 (at 23°C 50% H)
Cure Time (hr)	: 24 (at 23°C 50% H)

Package

Stock Code	Type	Volume	Box
PURB102.220	Amber	220 kg drums	1

BINDER PU RB 103

ALIPHATIC BINDER

PU RB 103 is a solventless, moisture cure, one component, transparent, UV stable polyurethane binder. It is designed for track, sport and playground applications. It is based on high quality aliphatic prepolymer for excellent UV and color stability.

- Excellent UV and Color Stability
- Excellent Adhesion to Rubber Granules
- Interior and Exterior Applications

Application Areas

Parks. Children and school Playgrounds. Running tracks. Sport facilities. Outdoor carpets and tiles. Sport facilities. Outdoor recreation areas. Synthetic surfaces.

Features

Excellent UV and color stability. High elongation. Excellent bonding of rubber granules. Easy application. Environmentally friendly. Water resistant.

Technical Properties

Basis	: Polyurethane
Color	: Transparent
Solids content (%)	: 100
Viscosity (cps)	: 2000-3000 (at 25°C)
Density (gr/cm³)	: 1,00-1,05 (at 25°C)
Free NCO Content (%)	: 8,5 -9
Full Cure Time (min.)	: 24 hr (23°C 50% R.H.)

Package

Stock Code	Type	Volume	Box
PURB103.220	Transparent	220 kg drums	1

PU BINDER 303

One component, solvent free, aromatic polyurethane binder. It is a moisture curing binder for binding of stones and mineral aggregates to form self-draining flooring. AKFIX PU BINDER 303 formulated to be used indoors or outdoors applications as stone carpet.

- One Component
- Excellent adhesion on stone and aggregates
- Solvent free

Application Areas

Binder for quartz and stone carpet floors. Hotel and Shopping Center. Flooring for courtyards, driveways and pavements. Warehouses and showrooms.

Features

Excellent adhesion on stone and aggregates. Easy to apply. Low odour. Moisture cure. Solvent free.

Technical Properties

Chemical structure	MDI Prepolymer
Appearance	Clear
Solid content	100 %
Density	1,14 gr/cm^3
Viscosity	4000-4500 cps
Pot life	250 min
Ready for foot traffic	24 hrs
Complete cure	7 days
Application temperature	+10-30°C

Package

Stock Code	Type	Volume	Box
PU RB 303	Clear	220kg	1

PU BINDER 503

One component, solvent free, transparent aliphatic polyurethane binder. It is a moisture curing binder for binding of stones and mineral aggregates to form self-draining flooring. AKFIX PU BINDER 503 formulated to be used indoors or outdoors applications as stone carpet.

- One Component
- Excellent adhesion on stone and aggregates
- Excellent UV and Color Stability

Application Areas

Binder for quartz and stone carpet floors. Decorative coatings in external areas, such as terraces and balconies. Hotel and Shopping Center. Flooring for courtyards, driveways and pavements. Warehouses and showrooms.

Features

Excellent adhesion on stone and aggregates. Solvent free. UV stable. Easy to apply. Low odour. Moisture cure. Solvent free.

Technical Properties

Appearance	Clear
Solid content	100 %
Density	1,02 gr/cm^3
Viscosity	1300-1500 cps
Pot life	240 min
Ready for foot traffic	48 hrs
Complete cure	7 days
Application temperature	+10-30°C

Package

Stock Code	Type	Volume	Box
PU RB 503	Clear	205kg	1

Sealant
Products

www.AkFix.com

Creates Permanent Solutions

SELF LEVELING

HYBRID SEALANT

One-component self-leveling, silane modified polymer based sealant ideal for horizontal applications. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

- UV And Weather Resistance
- High Adhesion Strength
- Very Low Voc Content

Application Areas

Used for sealing of horizontal joints. Waterproofing applications. Interior and exterior areas. Expansion joints between many different construction materials. Control joints. Driveways/ Garages. Sidewalks. Pool decks.

Features

One component, no mixing required. Self-leveling consistency, easily fills the cracks on the floor. Waterproof. Possesses permanent elasticity. High adhesion strength. Capable of ±20% joint movement. Paintable. Cures bubble-free. VOC-compliant.

Technical Properties

Chemical Base	: Hybrid Polymer	
Curing Mechanism	: Moisture Curing	
Density	: 1.39 ± 0.03 g/ml	
Consistency	: Self-Leveling	
Skin Formation Time	: 25±5 min. (23°C and 50% R.H.)	
Tack Free Time	: 90±10 min. (23°C and 50% R.H.)	
Curing Rate	: Min. 2.50 mm/day (23°C and 50% R.H.)	
Shore A Hardness	: 25±5	ISO 868 (After 28 days)
Elongation at Break	: >300%	ASTM D412
Tensile Strength	: 0.75-1.5 N/mm^2	ASTM D412
Application Temperature	: +5°C to +35°C	

Package

Stock Code	Type	Volume	Box
AST25	Concrete Gray	290 ml	12
AST25.1	Concrete Gray	600 ml	12
AST25.2	Concrete Gray	825 ml	6

AST
AKKIM SMART TECHNOLOGY

Scan QR code for product video.

CLEAR

AST POLYMER

Crystal clear elastic adhesive/sealant based on AST polymer.

- Invisible Appearance
- Thixotropic
- Eco Friendly

Application Areas

It has a good adhesive strength without primer on most common materials such as aluminum, zinc, galvanized steel, stainless steel, copper, natural stone, concrete, brick, etc. Common application areas are: Transparent and elastic bonding in construction and building applications. Invisible bonding and sealing of glass and other transparent materials in indoor applications

Features

Clear, transparent color. Highly tixotropic: Suitable for horizontal and vertical application. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. No bubble formation,even in wet and humid conditions. Over-paintable with water based paints. No shrinkage.

Technical Properties

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.05 ± 0.03 gr/ml
Appearance/Color	: Paste, Clear
Tack Free	: 5-10 min (23°C and %50 R.H.)
Curing Rate	: ~ 2,7 mm/ 24 hr (23°Cand %50 R.H.)
Shore A Hardness	: 35 ±5
Elongation at Break %	: ≥ % 350
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength	: 2,10 N/mm^2
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5°C and +40°C

Package

Stock Code	Type	Volume	Box
AMS00	Transparent	290 ml	12
AMS40	Transparent	400 ml	12
AMS60	Transparent	600 ml	12

SHORE **A35** | **ALL MATERIALS & ALL SURFACES**

AST AKKIM SMART TECHNOLOGY

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-2

FLEXI

AST POLYMER

Neutral, highly elastic, one component AST based joint sealant. It is a low modulus sealant suitable for both indoor and outdoor applications.

- Low Modulus
- Excellent Elasticity
- Eco Friendly

Application Areas

Expansion and connection joints in the building industry. Sealing of joints in prefabricated buildings. Movement joints in high rise constructions. Sealing between window and door frames. Where joints have to be painted.

Features

Highly thixotropic: Suitable for horizontal and vertical joints. Low modulus can withstand extreme joint movement. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. No bubble formation,even in wet and humid conditions. Very good UV resistance. Over-paintable with water based paints. No shrinkage.

Technical Properties

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.38 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: Approx. 60 min (23°C and %50 R.H.)
Curing Rate	: Approx. 2,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
E100 Modulus (ISO 8339)	: < 0,4 N/mm²
Shore A Hardness (ISO 868)	: 25 ±5
Elongation at Break % (ISO 37)	: ≥ % 350
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 1,0 – 1,5 N/mm2
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

Package

Stock Code	Type	Volume	Box
AMS02	White	290 ml	12
AMS03	Black	290 ml	12
AMS06	Grey	290 ml	12
AMS42	White	400 ml	12
AMS43	Black	400 ml	12
AMS46	Grey	400 ml	12
AMS12	White	600 ml	12
AMS13	Black	600 ml	12
AMS16	Grey	600 ml	12

SHORE **A25**

ALL MATERIALS & ALL SURFACES

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-2

AST AKKIM SMART TECHNOLOGY

UNIVERSAL

AST POLYMER

High quality universal hybrid sealant & adhesive based on AST polymer.

- Excellent Bonding & Sealing
- Highly Thixotropic
- Eco Friendly

Application Areas

Connection joints in sheet metal fabrication, sealing of HVAC systems. Elastic bonding in vibrating construction elements. Sealing of floor joints and low movement wall joints. Sealing joints in containers, cisterns, silos etc.

Features

Highly thixotropic: Suitable for horizontal and vertical joints. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. No bubble formation, even in wet and humid conditions. Very good UV resistance. Over-paintable with water based paints. No shrinkage.

Technical Properties

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.40 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black and Grey
Tack Free	: Approx. 50 min (23°Cand %50 R.H.)
Curing Rate	: Approx. 2,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
E100 Modulus (ISO 8339)	: < 0,4 N/mm2
Shore A Hardness (ISO 868)	: 45 ±5
Elongation at Break % (ISO 37)	: ≥ % 120
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 1,5 – 2,0 N/mm²
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

Package

Stock Code	Type	Volume	Box
AMS22	White	290 ml	12
AMS23	Black	290 ml	12
AMS26	Grey	290 ml	12
AMS52	White	400 ml	12
AMS453	Black	400 ml	12
AMS456	Grey	400 ml	12
AMS32	White	600 ml	12
AMS33	Black	600 ml	12
AMS36	Grey	600 ml	12

SHORE **A45**

ALL MATERIALS & ALL SURFACES

AST
AKKIM SMART TECHNOLOGY

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

EMİSSİONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE
EN 15651-1
EN 15651-2

MULTI SEAL

AST POLYMER

Universal grade, general purpose all-weather adhesive sealant based on AST polymer. Combines the properties of both silicone and the polyurethane that makes it an optimum choice for a variety of substrates including: Aluminum, Granite, Ceramics, Marble, Porcelain, Metals, PVC, Glass, Wood, Porous Surfaces (Concrete, Brick, Limestone, etc.).

- High Adhesive Strength
- Perfect UV Resistant
- Paintable

Application Areas

Sealing and Bonding applications in;

Window and Door Perimeter. General sealing and waterproofing. Roofing and gutter. Concrete joints. Metal building construction. HVAC.

Features

Does not contain solvent, silicone or isocyanate. Very Low VOC content. No bubble formation, even in wet and humid conditions. Very good UV resistance. Over-paintable with water based paints. No shrinkage. Does not cause oil stains in panels and porous material. Non-sag, very easy to apply. No surface tackiness.

Technical Properties

Basis	: AST Polymer
Curing Mechanism	: Moisture
Density	: 1,60 ± 0,03 g / ml
Consistency / Color	: Thixotropic paste / White, Grey, Black
Hardness Shore A	: 40±5
Sagging	: 0 mm
Skin Formation Time	: 12-25 min (23°C, 50% R.H.)
Curing Performance	: Min.2,5 mm/24h (23°C, 50% R.H.)
Shrinkage	: < 3%
Elongation at Break	: ≥ 300%
Tensile Strength	: 1,5-2,0 N/mm²
Application Temperature	: +5°C to +40°C
Temperature Resistance	: -40 °C to +90°C

Package

Stock Code	Type	Volume	Box
AST42.0	White	290 ml	12
AST42.1	Black	290 ml	12
AST42.2	Grey	290 ml	12
AST42.3	White	400 ml	12
AST42.4	Black	400 ml	12
AST42.5	Grey	400 ml	12
AST42.6	White	600 ml	12
AST42.7	Black	600 ml	12
AST42.8	Grey	600 ml	12

AST
AKKIM SMART TECHNOLOGY

ALL MATERIALS & ALL SURFACES

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

TEAK DECK CAULK

AST POLYMER

AST Deck Caulk is a one component, non-corrosive, high quality fast curing premium AST polymer sealant designed for marine applications where UV, extreme weather resistance and waterproof properties are required. It is specially developed for waterproof sealing of teak wood decks applications.

- UV, ageing, moisture and extreme weather resistance
- Water Resistance
- Sandable after curing

Application Areas

AST Teak Deck is designed for sealing of connection joints between teak decks and variety of decking substrates. Outstanding primerless adhesion on joining elements made from wood, concrete, plastic, steel, aluminum, zinc, copper, porcelain, ceramics, PVC, metals, polyester, polycarbonate, natural stone, marble, mirror, glass and porous surfaces. If using for the first time a preliminary test is recomended for plastics before application.

Features

Chemically resistant to diluted acids. UV, ageing, moisture and extreme weather resistance. Eco-friendly, free from isocyanate, solvent, acids and halogens. Highly elastic in low and high temperatures. Excellent primerless adhesion to numerous porous and non-porous substrates. Sandable after curing. Fast curing, low odor and non-sag properties.

Technical Properties

Basis	: 1-C MS Polymer
Curing Mechanism	: Moisture Curing
Shore A - Hardness	: 45±5 (ISO 868)
Density	: 1,35± 0,05 g/ml
Tack free time	: Approx. 60 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/24 hours (23°C and 50% R.H)
Tensile Strength	: Min. 2,05 Mpa (297 psi) (ISO 37)
Elongation at Break	: Min. 300 % (ISO 37)
Tear Propagation Resistance	: 10N/mm (57 pli) approx. (ISO 34)
Movement Accommodation Factor	: 10%
Shrinkage	: Max. 3%
(ISO 10563) Paintable	: Yes*
Sanding Time	: 7 days after application
Service Temperature	: -40°C to +90°C
Application Temperature	: +5°C to +35°C
Colour	: Black

Package

Stock Code	Type	Volume	Box
AMS75	Black	290 ml	12
AMS76	Black	600 ml	12

ALL MATERIALS & ALL SURFACES

AST AKKIM SMART TECHNOLOGY

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-2

P625

POLYURETHANE SEALANT CONSTRUCTION

One-component, low-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics.

- Low Modulus
- Paintable
- High Elasticity

Application Areas

Expansion joints between many different construction materials. Bonding of roof tiles. Installation of PVC window frames. Connection joints between wood window and door frames and walls. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels.

Features

Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble-free. 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

Technical Properties

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,20±0,03 g/ml	
Tack free time	: 30-60 min	(23°C and 50% R.H)
Curing Rate	: Min. 2 mm/ day	(23°C and 50% R.H)
Sagging	: 0 mm	(EN ISO 7390)
Temperature Resistance	: -40°C to +70°C	
Application Temperature	: +5°C to +40°C	
AFTER CURING		
Hardness Shore A	: 25-30 After 28 days	
Paintibility	: Yes *	
Elastic Recovery	: ≥ 70%	(ISO 7389)
Movement Capability	: 25 %	
Elongation at break	: min.120%	(ISO8339)
E100 Modulus (23 °C)	: 0.30-0.40 N/mm²	(ISO8339)
E100 Modulus (-20 °C)	:≤ 0,60 N/mm²	(ISO8339)
DUMBLE TEST		
Elongation at break	: ≥%700	
Tensile Strength	: 1.0-1.5 N/mm²	

Package

Stock Code	Type	Volume	Box
AA107	White	310 ml	12
AA108	Black	310 ml	12
AA109	Grey	310 ml	12
AA657	White	600 ml	12
AA658	Black	600 ml	12
AA659	Grey	600 ml	12

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-4

SHORE **A25**

Conforms to BS 6920 for the metallic water soluble impurities and is suitable for use in drinking water systems.

Scan QR code for product video.

P635

POLYURETHANE SEALANT CONSTRUCTION

One part, high quality, low modulus, construction sealant based on non-bubbling polyurethane technology. Its unique formulation makes the product best choise for sealing applications such as combination of different materials with different surface properties and thermal expansion coefficients.

- Low Modulus
- Paintable
- 25% Movement Capability

Application Areas

Expansion joints between many different construction materials. Movement and connection joints in floors. Indoor and outdoor applications for pedestrian and traffic areas. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels. Meets the requirements of ISO 11600 F 25 LM.

Features

Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble-free. 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

Technical Properties

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,20±0,03 g/ml	
Tack free time	: 30-70 min.	(23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day	(23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +40°C	
AFTER CURING		
Hardness Shore A	: 35 ±5 After 28 days	(ASTM C661)
Paintibility	: Yes *	
Elastic Recovery	: ≥ 70% (ISO 7389)	
Elongation at break	: ≥ 100% (ISO8339)	
E100 Modulus (23 °C)	: 0.35-0.40 N/mm²	(ISO8339)
E100 Modulus (-20 °C)	: ≤ 0,60 N/mm²	(ISO8339)
DUMBLE TEST		
Elongation at break	: ≥%600	(ASTM D412)
Tensile Strength	: 1.5-2.0 N/mm²	(ASTM D412)

Package

Stock Code	Type	Volume	Box
AA112	White	310 ml	12
AA113	Black	310 ml	12
AA116	Grey	310 ml	12
AA114	Agate Grey	310 ml	12
AA119	Signal Brown	310 ml	12
AA662	White	600 ml	12
AA663	Black	600 ml	12
AA666	Grey	600 ml	12
AA664	Agate Grey	600 ml	12
AA669	Signal Brown	600 ml	12

Conforms to BS 6920 for the metallic water soluble impurities and is suitable for use in drinking water systems.

SHORE **A35**

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-4

637FC

PU FAST CURING CONSTRUCTION SEALANT & ADHESIVE

One-component, high modulus multipurpose elastic adhesive and joint sealant with outstanding application properties which bonds and seals most construction material substrates. It's designed for indoor and outdoor applications.

- High Modulus
- Fast Curing
- High Adhesive Strength

Application Areas

Expansion joints between many different construction materials. Bonding of roof tiles. Installation of PVC window frames. Connection joints between wood window- and doorframes and walls. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels.

Features

Permanently flexible. Non-sag consistency - Exceptional thixotropy. Non-sticky / does not pick up dirt. No change in volume – No shrinkage. Easy to gun, can be easily smoothed. Over-paintable.

Technical Properties

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,23±0,03 g/ml	
Tack free time	: 15-20 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Sagging	: 0 mm (EN ISO 7390)	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +40°C	
AFTER CURING		
Hardness Shore A	: 35-40 After 28 days	
Paintibility	: Yes *	
Elongation at break	: ≥%300	(ASTM D412)
Tensile Strength	: 1.5-2.0 N/mm^2	(ASTM D412)
Elastic Recovery	:≥ 70%	(ISO 7389)

Package

Products	Volume	Package
White	310ml	12
Black	310ml	12
Grey	310ml	12
White(Sausage)	600ml	20
Black(Sausage)	600ml	20
Grey(Sausage)	600ml	20

Scan QR code for product video.

P645

PU METAL SEALANT (AUTOMOTIVE&CONSTRUCTION)

One-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, glass, wood and various plastic materials.

- High Modulus
- High Adhesive Strength
- Permanently Flexible

Application Areas

Body construction of cars, containers, caravans etc. Sealing and bonding of ventilation ducts, gutters and spouts etc. Sealing of sheet metal seams. For vibration reduction in all type of sheet metal assembly works. Sealing against water, air, gas and dust.

Features

Permanently flexible. Non-sag consistency - Exceptional thixotropy. Non-sticky / does not pick up dirt. Improved storage stability. Easy to gun, can be easily smoothed. Over-paintable. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168. Meets the French VOC requirements for class A+.

Technical Properties

BEFORE CURING

Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1.18±0,03 g /ml	
Tack free time	: 60 ±10 Min. 3mm/day	(23°C and 50% R.H)
Sagging	: 0 mm	(EN ISO 7390)
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +40°C	

AFTER CURING

Hardness Shore A	: 45±3 After 28 days	(ASTM C661)
Paintibility	: Yes *	

**Considering the diversty of paint base and quality,compatibility tests should be done.*

MECHNANICAL PROPERTIES (ASTMD412)

Elongation at break	: ≥%400	(ASTM D412)
Tensile Strength	: Min. 2.0 N/mm2	(ASTM D412)

Package

Stock Code	Type	Volume	Box
AA102	White	310 ml	12
AA103	Black	310 ml	12
AA106	Grey	310 ml	12
AA175	Red	310 ml	12
AA652	White	600 ml	12
AA653	Black	600 ml	12
AA656	Grey	600 ml	12

SHORE **A45**

EMISSIONS DANS L'AIR INTÉRIEUR A+ A B C

CE EN 15651-1 EN 15651-4

Scan QR code for product video.

647FC

PU METAL SEALANT FAST CURING (AUTOMOTIVE)

One-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity and must be used when fast curing is essential. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, glass, wood and various plastic materials.

- High Modulus
- Fast Curing
- High Adhesive Strength

Application Areas

Fast Curing. Permanently flexible. Non-sag consistency. Non-sticky / does not pick up dirt. Improved storage stability. Easy to gun, can be easily smoothed. Paintable.

Features

Body construction of cars, containers, caravans etc. Sealing and bonding of ventilation ducts, gutters and spouts etc. Sealing of sheet metal seams. For vibration reduction in all type of sheet metal assembly works. Sealing against water, air, gas and dust. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168. Meets the French VOC requirements for class A+

Technical Properties

BEFORE CURING	
Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1,08±0,03 g/ml
Tack free time	: 40 ±10 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C
AFTER CURING	
Hardness Shore A	: 50 ± 5 After 28 days (ISO 868)
Paintibility	: Yes *
Elongation at break	: ≥%300 (ISO 37)
Tensile Strength	: Min.2,5 N/mm² (ISO 37)

SHORE **A50**

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

Package

Stock Code	Type	Volume	Box
AA472	White	310 ml	12
AA473	Black	310 ml	12
AA476	Grey	310 ml	12
AA472.28	White	280 ml	12
AA473.28	Black	280 ml	12
AA476.28	Grey	280 ml	12
AA642	White	600 ml	12
AA643	Black	600 ml	12
AA646	Grey	600 ml	12

640SL

SELF LEVELING PU SEALANT

One-component self-leveling polyurethane sealant ideal for horizontal applications. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

- Horizontal Application
- Paintable
- Self-Leveling Consistency

Application Areas

Used for sealing of horizontal joints. Interior and exterior areas. Expansion joints between many different construction materials. Control joints. Industrial floors. Driveways/Garages, sidewalks, decks.

Features

One component, no mixing required. Self-leveling consistency, easy to apply in horizontal joints. Possesses permanent elasticity. High adhesion strength. Capable of ±25% joint movement. Paintable.

Technical Properties

BEFORE CURING	
Basis	: Polyurethane
Consistency	: Self-leveling
Curing Mechanism	: Moisture Curing
Density	: 1,17±0,03 g/ml
Tack free time	: Approx. 60 min (23°C and 50% R.H)
Curing Rate	: Min. 2,00 mm/days (23°C and 50% R.H)
Application Temperature	: +5°C to +35°C

AFTER CURING	
Hardness Shore A	: 20-25 ISO 868 (After 28 days)
Paintibility	: Yes *
Elastic Recovery	: ≥ 70% ISO 7389
Movement Capability	: 25 %
Elongation at break	: ≥%500 ASTMD412
Tensile Strength	: 0,75-1.5 N/mm² ASTMD412

Package

Stock Code	Type	Volume	Box
AA736	Concrete Gray	310 ml	12
AA766	Concrete Gray	600 ml	12

638TD

TEXTURED PU SEALANT

One-component, non-sag, moisture curing elastomeric PU sealant designed for sealing concrete applications where high elasticity and textured appearance are required.

- High Modulus
- Paintable
- Textured Appearance Like Mortar

Application Areas

On both vertical and horizontal joints in walls, around window and door frames. Weatherproofing of joints between concrete, masonry, brickwork etc.

Features

Textured appearance fits well on rough, irregular, stucco and concrete surfaces. Low VOC, less than 30 g/liter. Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure, does not pick up dirt. No shrinkage. Can be applied with hand gun and tooled easily. Paintable.

Technical Properties

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,08±0,03 g/ml	
Tack free time	: 60±10 min	(23°C and 50% R.H)
Curing Rate	: Min. 3mm/day	(23°C and 50% R.H)
Sagging	: 0 mm	(EN ISO 7390)
Temperature Resistance	: -40°C to +70°C	
Application Temperature	: +5°C to +40°C	
AFTER CURING		
Hardness Shore A	: 50±5 After 28 days	(ISO 868)
Paintability*	: Yes	
Elongation at break	: > 300%	(ISO 37)
Tensile Strength	: Min. 2,5 N/mm2	(ISO 37)

**Considering the diversity of paint base and quality, compatibility tests should be done the before application.*

Package

Stock Code	Type	Volume	Box
AA936	Concrete Gray	310 ml	12

SHORE **A50**

905N

NEUTRAL SILICONE (BUILDING & CONSTRUCTION)

A neutral cure, high performance silicone sealant designed for gap filling and sealing in a wide range of use in building and construction. It combines the advantages of outstanding adhesion to building materials with its non-corrosive and odorless curing.

- 100% Silicone
- Non-Corrosive Joint Sealing
- Low Modulus High Elasticity

Application Areas

Non-corrosive joint sealing for walls, windows and doors. Glass to glass and glass to aluminium sealing. Sealing of connection joints in building industry (brick, wall, concrete, PVC, wood, glass etc.)

Features

100% solventless silicone. Excellent weatherproof and UV resistant. No Cracking or Shrinking. Water resistant. Very low odor and noncorrosive. Excellent flexibility and adhesion to numerous porous and non-porous. Substrates for large scale construction and glazing applications. Resistant to temperature extremes (-60 °C to +180 °C). Fast curing, low modulus, high elasticity. High viscosity non slump formula.

Technical Properties

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density (Transparent and Aluminum)	: 1.02± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1.20± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 17-25 (after 28 days)	
Hardness Shore A (Other Colors)	: 22-32 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (23°C and 50% R.H)	(ISO 8339)
Elongation At Break (Transparent and Aluminum)	: ≥ 400%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥350%	
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA511	Transparent	310 ml	24
SA512	White	310 ml	24
SA513	Black	310 ml	24
SA514	Grey	310 ml	24
SA515	Brown	310 ml	24
SA517	Aluminium	310 ml	24

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

Manufacturer of Verified Components

CE EN 15651-1 EN 15651-2

910N

ROOF & PLUMBING NEUTRAL SILICONE

One-component, high quality Neutral curing 100% silicone sealant designed for applications where long term durable plumbing, spouting, roofing, flashing, cladding and guttering are required. It is suitable for sealing of connection

- 100% Silicone
- UV, Water And Weather Proof
- High Elastic

Application Areas

Joints and cracks in gutters, flashing, downpipes, lap joints, skylights and cladding walls. Vent and HVAC ducts systems.

Features

Outstanding adhesion without primer on joining elements made from brick, stone, concrete, wooden, plastic, steel, aliminum, zinc, porcelain, ceramic, PVC, metal, glass and porous surfaces. Highly elastic, +/-25% movement capability. UV, water and weather proof. Non-corrosive neutral cure. Fast curing. Low odor. Interior/exterior use. Easy to apply. Chemically resistant. Non-sag.

Technical Properties

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density (Transparent and Aluminum)	: 1.02± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1.20± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 17-25 (after 28 days)	
Hardness Shore A (Other Colors)	: 22-32 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (23°C and 50% R.H) (ISO 8339)	
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Elongation At Break (Transparent and Aluminum)	: ≥ 400%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥ 350%	
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA705	Brown	310 ml	24
SA704	Grey	310 ml	24

CE
EN 15651-1
EN 15651-2

905E

NEUSEAL NEUTRAL SILICONE

Neutral cure, silicone sealant, exclusively created for weather sealing application. It forms highly resistive weatherproof seal on windows and building facades. It is also suitable for sealing applications on the surfaces where acetoxy silicone is not desired.

- Weatherproof
- UV Resistant
- High Flexiblity
- Non Corrosive

Application Areas

Weather sealing and joint sealing for walls, windows and doors. Sealing and mounting window and door frames. Sealing applications of marble, stone and other porous substrates. Vent and HVAC ducts systems. Outstanding primerless adhesion on joining elements made from brick, stone, concrete, wooden, plastic, steel, aliminum, zinc, porcelain, ceramic, PVC, metal profiles, glass and porous surfaces. Preliminary test is recommended for some plastics if necessary.

Features

Provides permanent elasticity. Outstanding adhesion to many porous and non-porous substrates. Exceptional resistance to temprature extremes. Very low odor and non-corrosive to metals. Excellent UV resistance. Not affected by exposure to sunlight, rain, snow and maintains it over many years. Excellent flexibility. Fast curing, low modulus, high elasticity. High viscosity non slump formula.

Technical Properties

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density (Transparent and Aluminum)	: 0,98± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1,30± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 25-30 (after 28 days	
Hardness Shore A (Other Colors)	: 30-35 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (23°C and 50% R.H)	(ISO 8339)
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break (Transparent and Aluminum)	: ≥ 300%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥ 250%	
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA401	Transparent	300 ml	24
SA402	White	300 ml	24
SA403	Black	300 ml	24
SA405	Grey	300 ml	24
SA406	Anthracite Gray	300 ml	24
SA462	White	600 ml	12
SA463	Black	600 ml	12
SA465	Grey	600 ml	12

CE
EN 15651- 1

915N

WEATHERSEAL NEUTRAL SILICONE

A neutral cure, premium performance silicone sealant, exclusively produced for weather sealing and glazing application. It forms highly resistive weatherproof seal on windows and building facades.

- 100% Silicone
- Weather Proof
- +/- 50% movement capability

Application Areas

Premium weather sealing and joint sealing for walls, windows and doors. Sealing and mounting the window and door frames. Sealing applications of marble, stone and other porous substrates. Sealing of connection and expansion joints.

Features

Provides permanent elasticity thanks to its 100% silicone formula. Not affected by exposure to sunlight, rain, snow and maintains it over many years. Exceptional resistance to temperature extremes. Very low odor and noncorrosive. Excellent flexibility and adhesion to numerous porous and non-porous. Substrates for large scale construction and glazing applications. Fast curing, low modulus, high elasticity. High viscosity non slump formula.

Technical Properties

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density (Transparent and Aluminum)	: 1.02± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1.20± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 17-25 (after 28 days)	
Hardness Shore A (Other Colors)	: 22-32 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (23°C and 50% R.H) (ISO 8339)	
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Elongation At Break (Transparent and Aluminum)	: ≥ 400%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥ 350%	
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA611	Transparent	310 ml	24
SA612	White	310 ml	24
SA613	Black	310 ml	24
SA616	Grey	310 ml	24
SA617	Aluminium	310 ml	24
SA662	White	600 ml	12
SA663	Black	600 ml	12
SA666	Grey	600 ml	12

CE
EN 15651-1
EN 15651-2

918N

NEUTRAL SANITARY SILICONE

One component, high quality moisture curing Neutral silicone sealant designed for sanitary applications where non-corrosive, moldproof and chemically resistant properties are required.
It is suitable for sealing of connection joints between a variety of substrates in wet areas.

- Mold & Mildew Proof.
- Resistant to Cleaning Agents
- Non-Corrosive Neutral Cure

Application Areas

Mold & mildew proof. Resistant to cleaning agents. Maintains its flexibility at temperature extremes. Highly elastic, +/-25% movement capability. UV, water and weather proof. Non-corrosive neutral cure. Fast curing. Low odor. Interior/exterior use. Non-sag.

Features

Sealing applications of joints around bathtubs, showers and sinks. Sealing of joints between tiles, ceramic, metal sheets and walls. Sealing expantion joints in tile walls. Sealing of connection joints between walls and floors. Sealing of joints between glazing and supporting substrates.

Technical Properties

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Mold Resistant	: <%1 g/ml 2-Octyl-2H-isothiazol-3-one	
Density	: Colored: 1.20±0.02 g/ml Clear: 1,02±0,02	(ASTM D 792)
Hardness Shore A	: Colored: 25-30 Clear: 20-25	(ISO 868)
Tensile Strength	: Colored: 1,5 Mpa (217 psi) (23°C and 50% R.H) Clear: 1 Mpa (145 psi)	(ISO 37)
Tack Free Time	: 10-15 minutes (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/24 hours (23°C and 50% R.H)	
Elongation At Break	: Colored: 400% Clear: 500%	(ISO 37)
Tear Propagation Resistance	: 4 N/mm (22pli) approx..	(ISO 34)
Movement Accommodation Factor	: 25%	
Elastic Recovery	: Approx. 100%	(ISO 10563)
Shrinkage	: Max. 6%	(ISO 7390)
Paintable	: No	
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA801	Transparent	310 ml	12
SA802	White	310 ml	12
SA803	Black	310 ml	12
SA804	Grey	310 ml	12

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE
EN 15651-1
EN 15651-2
EN 15651-3

602

BITUM SEALANT

Solvent-based plasto-elastic bituminous sealant, reinforced by fibres, for gluing and reparations on bituminous surfaces. After curing a permanent flexible mass is formed.

- Excellent Adhesion
- Weather Proof
- Fiber Reinforced

Application Areas

Waterproof sealing of joints, seams, chimneys, ventilation tubes, drainpipes, etc. Adhesive for synthetic materials, tiles, concrete, rubber, insulating panels etc. Sealing seams in wooden ships or boats.

Features

Immediate and permanent adhesion on all common construction materials (such as brick, concrete, lead, zinc, tiles, isolation panels, certain plastics, etc...) Can be applied under humid conditions. It is thixotropic and therefore cannot drip, flow or spill and makes no threads. Free from asbestos. Remains flexible after processing and vulcanization. Resistant to moisture. Economic in use. Inflammable (when used properly). Highly insulating. Protects against rust and moisture.

Technical Properties

Basis	: Bitum	
Curing System	: Neutral, physical drying	
Density	: 1.25± 0.02 g/ml	(ASTM D 792)
Skin formation	: 30 min. (23°C and 50% R.H)	
Curing Rate	: 0,5-1 mm/day (23°C and 50% R.H)	
Consumption	: 450 g/m^2	
Application Temperature	: +1°C to +30°C	

Package

Stock Code	Type	Volume	Box
AB003	Black	310 ml	24

907N

EPDM SILICONE SEALANT

One component, neutral curing, high performance silicone sealant specially developed for bonding and sealing of EPDM sheets.

- Good Adhesion
- Wheather Resistance
- High Elasticity

Application Areas

Bonding of EPDM sheets to each other. Sealing between EPDM sheets and many different building surfaces.

Features

Moisture curing. Very good adhesion on porous and nonporous surfaces including EPDM. Resistance to wheather conditions. Fast curing. High elasticity. %100 Silicone, solventles

Technical Properties

Basis	: Silicone Polymer(Oxime)
Curing System	: Neutral
Density	: 1.20± 0.03 g/ml (ASTM D 792)
Hardness Shore A	: 25±5 (after 28 days)
Tensile Strength	: ≤ 0,4 N/mm2 (23°C and 50% R.H) (ISO 8339)
Skin formation	: 5-10 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)
Elongation At Break	: ≥ 350%
Elastic Recovery	: Approx. 100% (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Yield	: Approx. 12 meters (600 mL) for 0.64 cm bead size
Temperature Resistance	: -60°C to +180°C
Application Temperature	: +5°C to +40°C

Package

Stock Code	Type	Volume	Box
SA863	Black	600 ml	12

917N

IG SEALANT NEUTRAL

One- part silicone sealant developed for use as a secondary sealant in a dual-sealed insulating glass unit. Insulating glass sealant can bond the individual components, forming a weather-resistant unit.

- Non Corrosive
- Weather Proof
- High Adhesive Strength

Application Areas

Primarily used as a secondary sealant in production of dual-sealed insulating glass unit production. Insulating glass silicone sealant can be also recommended with insulating glass units incorporating specialty glass types.

Features

Excellent unprimed adhesion to glass and metal substrates, such as galvanized steel, stainless steel. One-component formulation minimizes waste and downtime by eliminating base purging and static mixer maintenance. Consistently non-slump, permitting automated glazing. Non-corrosive by products. Fast curing formula. Resistant to temperature extremes (-60 °C to +180 °C).

Technical Properties

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral (Oxime)	
Density	: 1.33 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 50 ± 5 (after 28 days)	(ASTM D412)
Tensile Strength	: ≥ 0,4 N/mm2 (23°C and 50% R.H) (ISO 8339)	
Skin formation	: Approx. 10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Elastic Recovery	: > 90%	(ISO 7389)
Elongation At Break	: Min. 200%	(ASTM D412)
Sagging	: 0 mm (ISO 7390)	
Yield	: Approx. 12 meters (600 mL) for 0.64 cm bead size	
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA553	Black	600 ml	12

100S

SANITARY KITCHEN & BATHROOM SILICONE

Acetoxy cure, high performance, mold-proof silicone sealant designed for gap filling and sealing in a wide range of sanitary applications.

- Mold Proof
- Fast Curing
- 100% Silicone, Solventless

Application Areas

Sealing of connection joints. Weather seal applications. Glazing works. Sanitary joints: Sealing applications in kitchens and bathrooms.

Features

100% Silicone, solventless. One component, moisture-cured. Highly Resistive to mold formation. Excellent primer less adhesion to numerous porous and non-porous substrates. Excellent weather ability in direct sunlight, rain, snow and ozone. Resistant to temperature extremes (-60 °C to +180 °C). Fast curing. Low modulus, high elasticity. Outstanding resistance to mildew and fungus. Does not crack or discolor. Withstands detergents, cleaning agents and chemicals. Acetoxy curing system. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

Technical Properties

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.02 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 24-30 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm²	(ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D 412)
Elastic Recovery	: Approx.100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Change in volume	: < 5%	(ISO 10563)
Temperature Resistance	: -50°C to +200°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA031	Transparent	280 ml	24
SA032	White	280 ml	24

CE
EN 15651-1
EN 15651-2
EN 15651-3

Scan QR code for product video.

100D

SHOWER CABINE KITCHEN&BATHROOM SILICONE

Specially formulated for use in production and installation of shower cabins which has no solvent and shows excellent mold resistant properties. It's a superior sealant for sealing and glazing applications featuring excellent adhesion and durability.

- Mold Proof
- 100% Silicone
- Withstands Detergents, Cleaning Agents and Chemicals

Application Areas

Glazing and fixing in shower cabinets during production. Filling joints between tiles, tub and shower cabin during installation. Filling joints between bath tubs and tiles after production. Waterproofing sinks.

Features

Conforms to ISO EN 11600-F-20LM. 100% silicone, does not contain any solvent. Cures very fast. Mold-Proof. No shrinkage. Stays bright and clean. Outstanding resistance to mildew and fungus. Resistant to temperature extremes and aging. Does not crack or discolor. Withstands detergents, cleaning agents and chemicals. Acetoxy curing system. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

Technical Properties

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.02 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 24-30 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm²	(ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D 412)
Elastic Recovery	: Approx.100% (ISO 7389)	
Sagging	: 0 mm	(ISO 7390)
Change in volume	: < 5%	(ISO 10563)
Temperature Resistance	: -50°C to +200°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA061	Transparent	310 ml	24
SA062	White	310 ml	24

CE
EN 15651-1
EN 15651-2
EN 15651-3

Scan QR code for product video.

100AQ

AQUARIUM NON-TOXIC SILICONE

Non-toxic, solvent-free silicone sealant for use in aquarium construction and glazing applications. It's a high-quality acetic curing system based silicone sealant featuring excellent adhesion to glass and many other non-porous surfaces.

- 100% Silicone
- Rapid Curing
- Non-Toxic to Fish

Application Areas

Bonding, sealing and repairing of aquariums.

Features

100% silicone. Very good bonding strength. Rapid curing. Non-toxic to fish. One component, cures with atmospheric moisture. Keep its elasticity at low and high temperatures. Does not crack, discolour or shrink. Resistant to many chemicals. Resistant to UV radiation.

Technical Properties

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.02 ± 0.03 g/ml	
HardnessShore A	: 24-30 (after 28 days)	
Tensile Strength	: ≤ 0,4N/mm²	(ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day(23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D412)
Elastic Recovery	: %100	(ISO 7389)
Sagging	: 0 mm (ISO 7390)	
Change in volume	: < 5%	(ISO 10563)
Temperature Resistance	: -50°C to +200°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA080	Transparent	310 ml	24
SA080D	Black	280 ml	24
SA079	Black	310 ml	24

CE
EN 15651-1
EN 15651-2
EN 15651-3

Scan QR code for product video.

100E

UNIVERSAL SILICONE SEALANT

One-component silicone sealant for a range of general sealing and glazing applications. It provides a strong adhesion and suitable for use on common non-porous building materials.

- Mold Proof
- High Elasticy
- Universal Use

Application Areas

Stays permenantly elastic after curing. Remains flexible in low and high temperatures. Resistant to temperature exteremes. Resistance to aging, cracking and discoloring.

Features

Sealing around windows and doors. Sealing in DIY applications. On bathroom, kitchen and plumbing applications. Connection and expansion joints on glass, porcelain, steel etc. Sealing electric, telephone etc. sockets and switches.

Technical Properties

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 0.96 – 0.98 g/ml	(ASTM D 792)
Shore A Hardness	: 15-25 (after 28 days)	
Skin formation	: 8-20 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2.5 mm/day (23°C and 50% R.H)	
Tensile Strength	: ≥ 0,7 N/mm²	(ASTM D 412)
Elongation At Break	: ≥ 350%	(ASTM D 412)
Sagging	: 0 mm	(ISO 7390)
Application Temperature	: +5°C to +40°C	

CE

EN 15651-1
EN 15651-2
EN 15651-3

Package

Stock Code	Type	Volume	Box
SA041	Transparent	Gw. 325 g. /280ml	24
SA042	White	Gw. 325 g. /280ml	24
SA043	Black	Gw. 325 g. /280ml	24
SA044	Brown	Gw. 325 g. /280ml	24
SA046	Grey	Gw. 325 g. /280ml	24
SA049	Golden Oak	Gw. 325 g. /280ml	24
SA047	Light Ivory RAL1015	Gw. 325 g. /280ml	24
SA047	Bronz	Gw. 325 g. /280ml	24
SA047	Aluminium -Simli grey	Gw. 325 g. /280ml	24
SA011	Transparent	310 ml	24
SA012	White	310 ml	24
SA013	Black	310 ml	24
SA341	Transparent	300 ml (Reusables)	24
SA342	White	300 ml (Reusables)	24
SA801.8	Transparent	80 ml	36
SA802.8	White	80 ml	36
SA803.8	Black	80 ml	36
SA805	Grey	80 ml	36
SA111	Transparent / Blister	50 ml	24/192
SA112	White / Blister	50 ml	24/192

AC578

SANITARY BATH & KITCHEN ACRYLIC SEALANT

High-quality, one-component acrylic based joint sealant that is suitable for general sealing in and around kitchen and bathroom. The product prevents mold growth to the sealant thanks to its powerful fungicide contain.

- Colourfast and waterproof after curing,
- Paintable after curing,
- Non-stringing, non-sag formula.
- Low Odour

Application Areas

Sealing around kitchen worktops etc. Sealing around baths, sanitary ware, basins and ceramics. Internal sealing around uPVC, timber and metal window and door frames. Filing gaps, cracks and joints in facades, walls and ceilings before painting.

Features

Perfect adhesion without use of a primer on most, even slightly damp substrates. Can be painted over after curing. Colourfast and waterproof after curing.
Non-stringing, non-sag formula.

Technical Properties

Property	Value	Method
Basis	Acrylic dispersion	-
Consistency	Non-sag	ISO 7390
Curing mechanism	Physical drying	-
Density	1,64 ±0,03 g/ml	ISO 1183-1
pH	8,5 – 9,5	-
Skin formation time	35 ±10 min.	Internal (23 °C and 50% R.H)
Shore A Hardness	25 ±5	ISO 868
Tensile strength	0,25 – 0,50 N/mm^2	ISO 37
Elongation at break	≥ 150%	ISO 37
Temperature resistance	-20 to +80 °C	-
Application temperature	+5 to +40 °C	-

Package

Stock Code	Type	Volume	Box
AC578	-	310ml	12

AC585

HIGH PERFORMANCE SEALANT

Akfix AC585 is a one-component, premium quality acrylic based sealer. It is suitable for sealing medium and low movement joints between construction materials such as brick, concrete, wood, drywalls and plasterboards, etc.

- Permanently Flexible
- Crack Proof
- Water-Proof After Curing

Application Areas

Filling medium and low movement joints between various construction substrates such as brick, concrete, wood, drywalls and plaster etc. Filling cracks in walls, plasters and on ceilings. Sealing corner joints and cornices. Sealing window and door frames. Sealing gaps in skirting boards and staircases.

Features

Permanently flexible, crack proof. Easy tooling and water clean-up. Very low VOC content. Interior/exterior use. Sandable. Non-sag. Paintable. Water-proof after curing.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7,5-9	
Specific gravity	: 1,54 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: 10-30 min (23 °C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)	
Shore A hardness	: 30-50 Shore A	
Weight loss	: %20 ±2	
Elongation	: >%350	
Modulus 100 % elongation	: ≥0,20 N/mm^2	
Max. tensile strength	: ≥ 0,40 N/mm^2	
Application Temperature	: +5 °C to +35 °C	

Package

Stock Code	Type	Volume	Box
AC8532	White	310 ml	24

CE
EN 15651-1

AC590

ACRYLIC DUCT SEAL

Akfix AC590 is a high-quality, plasto-elastic, solvent free sealant based on acrylic dispersion, specially developed for heating, ventilation and air conditioning (HVAC) applications.

- Very good adhesion on galvanised and stainless steel
- Remains permanently flexible
- Non corrosive towards metals

Application Areas

All types of HVAC duct systems including sheet metal, duct board and flexible ducts

Features

Easy to apply and clean, Non corrosive towards metals, Can be applied with a brush, Low odour and solvent free, Very good adhesion on galvanised and stainless steel, Remains permanently flexible, Colour-fast and water-proof after curing, Can be painted.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7,5-9	
Specific gravity	: 1,62 ± 0,03 gr/cm^3	(ASTM D 792)
Skin Formation Time	: 10-30 min (23 °C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)	
Shore A hardness	: 20-30 Shore A	
Elongation at Break	: >200%	(ASTM D 412)
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40 °C	

Package

Stock Code	Type	Volume	Box
AC590	White	310 ml	12
AC591	Grey	310 ml	12

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B

CE EN 15651-1

AC600

ACRYLIC PINK SEAL

Multipurpose acrylic sealant formulated to provide a dry time indicator.

- Applies Pink Dries White
- Water Based
- Over Paintable

Application Areas

Sealing of low and medium movement joints between various construction materials (wood, concrete, brick etc.). Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings.

Features

Pink in color and becomes white after drying. Very low VOC content. Water-proof after curing. Very easy application. Over paintable. Can be used on all porous surfaces such as brick, concrete, wood etc.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 8,5-9,5	
Specific gravity	: 1,62 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: 15-60 min (23°C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)	
Shore A hardness	: 40-70 Shore A	
Volume shrinkage	: %32	(ASTM D 412)
Weight loss	: %20	
Elongation	: >%150	
Modulus 100 % elongation	: ≥0,40 Mpa	
Max. tensile strenght	: ≥ 0,50 Mpa	
Tensile strenght	: ≥ 0,15 Mpa	
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
AC600	Pink-White	310 ml	12

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

AC603

ACRYLIC CLEAR SEAL

Plasto-elastic acrylic adhesive and sealant that becomes crystal clear upon curing.

- Applies White Dries Clear
- Eco Friendly
- Water-Proof After Curing

Application Areas

Suitable for sealing applications in bathroom and kitchen. Can be used as an adhesive for wood, bricks, concrete etc.

Features

Becomes transparent when cured. Very low VOC content. Water-proof after curing. Can be used on all porous surfaces such as brick, concrete, wood etc. Easy to apply.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7,5-9	
Specific gravity	: 1,05 ± 0,03 gr/cm^3	(ASTM D 792)
Skin formation time	: 15-30 min (23 °C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: Approx. 2 mm/day (23 °C and 50% R.H)	
Solid Content	: Min. 52%	
Shore A hardness	: 40-70 Shore A	
Elongation	: >%600	(ASTM D 412)
Modulus 100 % elongation	: ≥0,30 Mpa	
Tensile strength	: ≥ 0,50 Mpa	(ASTM D 412)
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +35°C	

Package

Stock Code	Type	Volume	Box
AC603	Transparent	310 ml	12

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

AC604

ULTRALIGHT GAP FILLER

One-component, water based acrylic sealant designed for general purpose gap fillling and repairing wall before painting. It provides permanently water repellent layer after curing. Especially suitable for filling low movement joints and cracks between construction materials such as brick, concrete, wood, drywalls and plasterboards, etc.

- Flexible, Crack Proof
- Interior / Exterior Use
- Uv, Water and Weather Proof

Application Areas

Use as wall repair compound on small holes and cracks in wallboard, wood & plaster. Filling low movement joints between various construction substrates such as brick, concrete, wood, drywalls and plaster etc.

Features

Flexible, crack proof. Outstanding adhesion to concrete, masonry and brick, etc. Very low VOC content. Interior/ exterior use. Water clean-up. Paintable. UV, water and weather proof. Easy and smooth application.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7,5-9	
Specific gravity	: 0,85 ± 0,05 gr/cm^3	(ASTM D 792)
Tack-Free time	: 5-10 min (23°C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)	
Shore A hardness	: 40-70 Shore A	
Volume shrinkage	: %35	(ASTM D 412)
Weight loss	: %30	
Elongation	: >%100	
Modulus 100 % elongation	: ≥0,30 Mpa	
Max. tensile strenght	: ≥ 0,10 Mpa	
Tensile strenght	: ≥ 0,40 Mpa	
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
AGF01	White	310 ml	12

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

AC605

ACRYLIC SEALANT

one-component universal acrylic sealant is suitable for filling indoor cracks and joints. It's a cost-effective plastic-elastic sealant ideal for particularly static joints.

- Paintable
- Eco Friendly
- Very Low Voc Content, No Odour

Application Areas

Sealing of low movement joints between various construction materials (wood, concrete, brick etc.). Filling cracks in walls and on ceilings. Sea-ling joints between windows, walls, doors etc.

Features

Over paintable. Very low VOC content. Very easy to apply and clean. Water-proof after curing. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7-9	
Specific gravity	: 1,65 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: 50 ± 20 min (23°C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)	
Shore A hardness	: 40 – 70 Shore A	
Ultimate elongation	: ≥100 %	(ASTM D 412)
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
AA002	White	310 ml	24
AA002.U	White	310 ml	24
AC605	White	310 ml	24

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

SEAL MAX

ACRYLIC SEALANT

One-component universal acrylic sealant suitable for filling cracks and joints both indoors and outdoors. It's a cost-effective plastic-elastic sealant ideal for particularly static joints.

- Paintable
- Eco Friendly
- Very Low VOC Content, No Odour

Application Areas

Sealing of low movement joints between various construction materials (wood, concrete, brick etc.). Filling cracks in walls and on ceilings. Sea-ling joints between windows, walls, doors etc.

Features

Over paintable. Very low VOC content. Very easy to apply and clean. Water-proof after curing. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7-9	
Specific gravity	: 1,62 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: 50 ± 20 min (23 °C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)	
Shore A hardness	: 40 – 70 Shore A	
Ultimate elongation	: ≥100 %	(ASTM D 412)
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
AA6092	White	White	24

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE
EN 15651-1

AS606

SILICONIZED SEALANT

One-component acrylic emulsion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity.

- Paintable
- Water Based & Non-Toxic
- Water-Proof After Curing

Application Areas

Sealing of low movement joints between various construction materials (wood, concrete, brick etc.). Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings.

Features

Water based & Non-toxic. Very low VOC content. Water-proof after curing. Over paintable. Very easy to apply and clean. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7-8	
Specific gravity	: 1,65 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: 50 ± 20 min (23°C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)	
Shore A hardness	: 30-50 Shore A	
Ultimate elongation	: ≥300%	(ASTM D 412)
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
AA001.U	White	310 ml	24
AA001	White	310 ml	24
AA013	Black	310 ml	24
AA016	Grey	310 ml	24
AA014	Brown	310 ml	24
AA018	Ligth Ivory	310 ml	24
AA018	Golden Oak	310 ml	24
AA018	Beige	310 ml	24
AA601	White	600 ml	12
AA603	Black	600 ml	12
AA606	Grey	600 ml	12
AA604	Brown	600 ml	12
AA801	White	80 ml	36

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

AS607

DECORATIVE FLEXIBLE FILLER

One-component, premium quality acrylic decorative filler designed for general purpose gap fillling. Especially suitable for filling low movement joints and cracks between construction materials such as brick, concrete, wood, drywalls and plasterboards, etc.

- Paintable
- Permanently Flexible
- Water-Proof After Curing

Application Areas

Filling low movement joints between various construction substrates such as brick, concrete, wood, drywalls and plaster etc. Filling cracks in walls, plasters and on ceilings. Sealing corner joints and cornices. Sealing window and door frames. Sealing gaps in skirting boards and staircases.

Features

Permanently flexible, crack proof. Easy tooling and water clean-up, Very low VOC content. Interior/exterior use. Sandable. Non-sag.Paintable. Water-proof after curing.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7-8	
Specific gravity	: 1,60 ± 0,03 gr/cm³	(ASTM D 792)
Tack-Free time	: 50 ± 20 min (23°C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)	
Shore A hardness	: 30-50 Shore A	
Ultimate elongation	: ≥300%	(ASTM D 412)
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
AA6732	White	310 ml	12

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE
EN 15651-1

AC580

RAPID SEAL

Akfix AC 580 is one component high quality acrylic emulsion based sealant. Overpaintable crack-free after just 10 minutes.

- Crak-Free Painting In 10 Minutes
- 15% Movement Capability
- Water Based, Non Toxic

Application Areas

Sealing of medium and low movement joints between various construction materials. (wood, concrete, brick etc.). Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings.

Features

Crak-free painting in 10 minutes. 15% movement capability. Water based, non toxic. Very low VOC content. Water-proof after curing. Very easy to apply and clean. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Solid Paste	
pH	: 7-9	
Density	: 1,65± 0,03 gr / ml	
Skin formation time	: 5-15 min (23°C,50% R.H.)	
Curing rate	: 2 mm / 24h (23°C,50% R.H.)	
Hardness Shore A	: 25-40 shore A	(ISO 868)
Elongation at break	: ≥ 200%	(DIN 53504)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: From -10°C to +80°C	
Application Temperature	: From +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
AC580	White	310 ml	12

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

AS609

ALL SEASONS CAULK SEALANT

One-component general purpose acrylic sealant reinforced with silicone dispersion. AS609 provides superior crack-proof durability and adhesion that prevents air,moisture,insect,dust and dirt from passing through expansion joints and cracks. It is developed for use in all seasons when freeze thaw stability properties and durable flexibility are necessary.

- Indoor & Outdoor
- Paintable
- Crack Proof Freeze Thaw Stable

Application Areas

Sealing of low and medium movement joints between various construction materials. Sealing window and door frames. Sealing siding and trim. Sealing anywhere a wetjer-proof seal is required. Sealing corner joints. Filling cracks in walls and on ceilings.

Features

Freeze thaw stable. Paintable. Interior/exterior use. Permanently flexible, crack proof. Easy water clean-up. Water-proof after curing. Low VOC content. Smooth and easy tooling. Low odor. Excellent adhesion to most porous surfaces such as brick, concrete, wood, drywalls and plaster etc.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7-8	
Specific gravity	: 1,67 ± 0,03 gr/cm3	(ASTM D 792)
Tack-Free time	: 50 ± 20 min (23 °C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)	
Shore A hardness	: 30-50 Shore A	
Ultimate elongation	: ≥300%	(ASTM D 412)
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40 °C	

Package

Stock Code	Type	Volume	Box
AAW91	White	310 ml	12
AAW93	Black	310 ml	12
AAW95	Grey	310 ml	12

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

PERFECT FREEZE THAW STABILITY

ALL SEASONS

AS608

WOODFLEX FILLING / FIXING / REPAIR

AS608, is a one component, high-quality flexible wood sealant based on acrylic dispersion. Can be used for filling, fixing and repair. In addition to wood, adheres well to concrete, plaster, cement, plaster boards, bricks and metals.

- Solvent Free
- Very Low Voc Content
- Water-Proof After Curing

Application Areas

Sealing of joints between wooden floors and walls. Sealing of laminate flooring. Sealing of joints between floors and skirting boards. Suitable for cracks in wooden floors.

Features

Solvent free. Very low VOC content. Colourfast and waterproof after curing. Can be varnished and sandable after curing. Withstands surface movement up to 15%. Very good adhesion on many porous surfaces. Very easy to apply.

Technical Properties

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7,5-9	
Specific gravity	: 1,62 ± 0,03 gr/cm³	(ASTM D 792)
Tack-Free time	: 15-60 min (23°C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)	
Shore A hardness	: 40-70 Shore A	
Volume shrinkage	: %29	(ASTM D 412)
Weight loss	: %18	
Elongation	: >%100	
Modulus 100 % elongation	: ≥0,20 Mpa	
Max. tensile strenght	: ≥ 0,30 Mpa	
Tensile strenght	: ≥ 0,10 Mpa	
Temperature resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
ACW08	18 colours	310 ml	12
ACW09	18 colours	5 kg	1
ACW07	18 colours	10 kg	1

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

AC575

WOOD FILLER

Water-based, ready to use, premium-grade multi-purpose filler especially formulated for filling and repairing holes and imperfections on wood materials. Once dry, the filler leaves a sandable surface, which can be stained or painted.

- Solvent Free
- No Mixing Required
- Easy to Sand
- Can be Varnished or Painted

Application Areas

Akfix AC575 wood filler is used to fill cracks, splits, holes and surface defects and imperfections in all kinds of wood. Suitable as a grain filler, including end grain. Also can be used for repairs of concrete and plaster surfaces of walls and ceilings.

Features

No mixing required, easy to use. Dries quickly to a hard finish. Easy to sand, can be drilled. Can be varnished or painted. Non flammable. Water based non-toxic. Fresh filler can easily be cleaned with water.

Technical Properties

Base	: Acrylic Polymer Curing
Mechanism	: Physical curing
Density	: 1.71 ± 0.04 g/ml
Tack Free Time	: 10-30 min. (23 °C % 50 humidity)
Application Temp. Range	: 5-35°C
Consistency	: Paste

Package

Stock Code	Type	Volume	Box
AC575	White	300 gr	12

TILE GROUT

Tile Grout is a water based repair product suitable for indoor and outdoor tiling projects

- Stain & Water Resistance
- Interior & Exterior
- No Solvent

Application Areas

Suitable for grouting ceramics, mosaic walls and floor tiles. Ideal for tiling repairs, grouting small areas.

Features

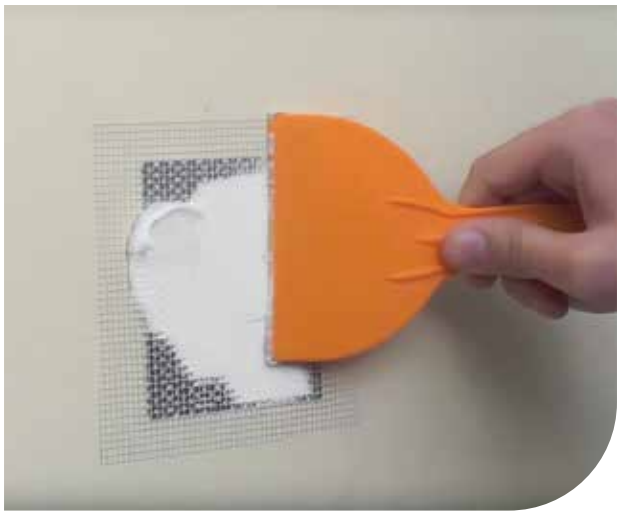
Ready to use, no mixing is required. Form permanently water repellent layer after curing. Solvent free. Adheres to all common building surfaces. Flexibility – Resist cracking. Cleans up easily with water.

Technical Properties

Basis	: Acrylic Dispersion
Consistency	: Paste
pH	: 7,5-9
Solid content	: Min 82,5%
Specific gravity	: 1,70 ± 0,03 gr/cm^3
Open time	: 10-30 min
Application Temperature	: +5°C to +25°C

Package

Stock Code	Type	Volume	Box
AC615	White	350gr	36



Scan QR code for product video.

WALL REPAIR PATCH KIT

Consists of ready mixed drywall repair compound with high crack filling capacity in concrete, flexible self-adhesive perforated aluminum patch, grit sandpaper and ergonomic plastic putty knife.

- Paintable
- Easy to Sand
- Non Toxic

Application Areas

Drywall Repair Kit is used to fill cracks, splits, holes and surface defects and imperfections in construction materials like wood, concrete, brick etc. Effectively repairs the concrete and plaster surfaces of walls and ceilings.

Features

No mixing required, easy to use. High crack filling capacity. All required equipment is in one package. Dries quickly to a hard finish. Can be varnished or painted. Easy to sand, can be drilled. Water based non-toxic.

Technical Properties

Base	: Natural Polymer based
Curing Mechanism	: Moisture
Density	: 1.92 ± 0.04 gr/cm^3
Practical Consumption	: 0,600 Lt/m2 – (1,052 Kg/m^2)
Tack Free Time	: 5-45 min. (23 °C % 50 humidity)
Application Temp. Range	: 5°C -30°C
Viscosity	: Paste
Water Resistance	: Poor- needs to be over-coated for external applications
Drying Time	: 3 mm / 24 hours (23 °C % 50 humidity)
Paintability*	: After 1 hour
Ph	: 7.5-9

Package

Stock Code	Type	Volume	Box
AWR700	Plastic Patch, Sandpaper, Spatula	280 ml	16
AWR700	Metal Patch, Sandpaper, Spatula	280 ml	16

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

POLYURETHANE SEALANTS

PU Foam
Products

www.Akfix.com

Creates Permanent Solutions

Scan QR code for product video.

ThermCoat

THERMAL & ACOUSTIC INSULATION PU SPRAY FOAM

ThermCoat is a high quality heat and sound insulation product for buildings and houses. Provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool. Single-component product used with an applicator gun. It does not contain any propellant gases which are harmful to the ozone layer.

- Fast, Easy, practikal
- High Insulation Value (0.025 W/(m.K.)
- For All Building Materials
- Excellent Adhesion to Surfaces

Application Areas

Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlappings, interior partitions, ceilings and cellars, Structural elements of buildings, balcony, loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces, Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

Features

Excellent adhesion to all kind of building materials, Can be applied easily to uneven, hard to reach surfaces where it is not possible to use traditional insulation materials, Excellent thermal insulation value (0.025 W/(m.K), Elimination of thermal bridges, Elimination of the dew point, (*)Yield up to 3m² with 1.5cm thickness for one layer if applied from a distance of ~40cm with normal application speed, No need to use mechanical fastening elements after use, Over paintable,

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 17-28 kg/m3	(ASTM D1622)
Tack-Free Time	: 4 min	(ASTM C1620)
Foam Color	: Blue	
Yield	: 3 m² for 1,5 cm thickness	
Fire Class of the Cured Foam	: B3 (DIN 4102-1)	
Thermal Conductivity	: 0,025 W/m.K (at 20°C)	(DIN 52612)
R Value	: 5,66 (per inch)	
Compression Strength	: 0,03 MPa	(DIN 53421)
Full Cure	: 24 hours	
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -75°C to +115°C	
Application Temperature	: +5°C to +30°C	

The results were obtained by providing optimum environmental conditions.

AST
AKKIM SMART TECHNOLOGY

Package

Stock Code	Type	Volume	Box
FA019	-	850ml/Gw.930gr	12

890

MULTI-POSITION, MULTI PURPOSE PU FOAM

Multi-Position PU Foam is a single-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. It is suitable for multi-position applications. It does not contain any propellant gases that are harmful to the ozone layer.

- Application In All Positions (360°).
- Excellent Mounting Capacity And Stability
- Mould-Proof, Water-Proof & Over Paintable

Application Areas

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Multi-positioning foam; application in all positions (360°). Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, water-proof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 27±3 Kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-35 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,05 N/mm²	(DIN 53421)
Tensile strength	: 0,126 N/mm²	
Dimensional stability	: Max. ±5%	
Water penetration	: 0	
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min. 5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA089	Summer +5	750ml/Gw.850gr	12

FAST 55

COMBO PU FOAM

Single-component PU foam can be used both with an applicator gun and straw at the same time. Cures swiftly with moisture. Features high volumetric yield, reusability, fast curing and easy application. It does not contain any propellant gases which are harmful to the ozone layer.

- High Yield 55 L.
- Can Be Used With Both Gun And Straw
- Excellent Adhesion On Most Materials
- Faster Curing

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Cures faster according to standard foams. A combination of straw and gun foam. Can be used with both straw and gun adapter. High yield up to 55 liters if gun applied and 45 liters if straw applied depending on temperature and humidity. Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Economical consumption thanks to precise application. Conforms to fire class B3 according to DIN 4102-1. Mold-proof, water-proof and over paintable.

Technical Properties

With Gun Adapter:

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: < 3 min (ASTM C1620)	
Cutting Time (1cm width)	: < 10 min	(ASTM C1620)
Curing Time	: < 1.5 hours	
Foam Color	: Light yellow	
Yield	: 50-55 L	(ASTM C1536)
Expansion Ratio	: 60-75%	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Water Absorption	: max. 1 vol%	
Can Temperature	: min. +5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

With Straw Adapter:

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/ m^3	(ASTM D1622)
Tack-Free Time (1 cm width)	: < 3 min	(ASTM C1620)
Cutting Time (1cm width)	: < 20 min	(ASTM C1620)
Full Cure Time	: 24 hours	
Foam Color	: Light yellow	
Yield	: 40-45 L	(ASTM C1536)
Expansion Ratio	: 280-330%	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Water Absorption	: max. 1 vol%	
Can Temperature	: min. +5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Product	Weight	Package
Akfix Fast 55 Combo	850 gr.	12

B2

Fire Class

ALL IN ONE PU FOAM

Polyurethane foam, which can be used with the gun as well as its use with both large and narrow diameter pipettes thanks to its special formulation. Besides its fire retardant feature, the adjustment of the expansion ratio (less expansion [gun], medium level expansion [narrow diameter pipette]) and high expansion [large diameter pipette] make it an ideal solution for all applications.

- High Yield Up To 45 Liters
- Excellent Adhesion To Common Construction Materials
- Mould-Proof, Water-Proof & Over Paintable

Technical Properties

For Gun Usage

Chemical Structure	: Polyurethane	
Curing Mechanizm	: Moisture	
Density	: 17±3 kg/m³	(ASTM D1622)
Skin Time (1 cm)	: 6±2 min.	(ASTM C1620)
Cutting Time (1cm)	: 20-45 min.	(ASTM C1620)
Curing Time	: 24 hours	
Foam Colour	: Orange	
Efficiency	: 40-45 L	(ASTM C1536)
Expansion Rate	: 30-60%	
Post Expansion Volume Loss	: < %5	
Fire Classification	: B2	(DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Pressure Resistance	: 0,030 MPa	(DIN 53421)
Water Absorption	: Max. % 1 in Volume	(DIN 53428)
Heat Resistance	: -40°C and +80°C	
Application Temperature	: +5°C and +30°C	
Can Temperature	: +5°C and +30°C	

The given results are applicable in 23 ± 2 °C temperature and % 50 ± 5 R.H.

For Narrow Diameter Pipette Usage

Chemical Structure	: Polyurethane	
Curing Mechanizm	: Moisture	
Density	: 22±3 kg/m³	(ASTM D1622) Skin
Time (1 cm)	: 7±2 min.	(ASTM C1620)
Cutting Time (1cm)	: 25-45 min.	(ASTM C1620) Curing
Time	: 24 hours	
Foam Colour	: Orange	
Efficiency	: 30-40 L	(ASTM C1536)
Expansion Rate	: 180-240%	
Post Expansion Volume Loss	: < %5	
Fire Classification	: B2	(DIN 4102) Thermal
Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Pressure Resistance	: 0,039 MPa	(DIN 53421) Water
Absorption	: Max. % 1 in Volume	(DIN 53428)
Heat Resistance	: -40°C and +80°C	
Application Temperature	: +5°C and +30°C	
Can Temperature	: +5°C and +30°C	

The given results are applicable in 23 ± 2 °C temperature and % 50 ± 5 R.H.

For Narrow Large Pipette Usage

Chemical Structure	: Polyurethane	
Curing Mechanizm	: Moisture	
Density	: 22±3 kg/m3	(ASTM D1622)
Skin Time (1 cm)	: 7±2 min.	(ASTM C1620)
Cutting Time (1cm)	: 35-60 min.	(ASTM C1620)
Curing Time	: 24 hours	
Foam Colour	: Orange	
Efficiency	: 30-40 L	(ASTM C1536)
Expansion Rate	: 300-380%	
Post Expansion Volume Loss	: < %5	
Fire Classification	: B2	(DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Pressure Resistance	: 0,039 MPa	(DIN 53421)
Water Absorption	: Max. % 1 in Volume	(DIN 53428)
Heat Resistance	: -40°C and +80°C	
Application Temperature	: +5°C and +30°C	
Can Temperature	: +5°C and +30°C	

The given results are applicable in 23 ± 2 °C temperature and % 50 ± 5 R.H.

Features

Application with gun: High metric efficiency, economical. Easy to control, comfortable application. Up to 45 liters of efficiency and 40% expansion depending on humidity and temperature. Application with narrow diameter pipette; High filling capacity with %180-240 expansion. Easy to use for DIY users. Application with large diameter pipette; Easy to fill big caps with %300-380 expansion rate. Very high efficiency for filling big caps. Excellent adhesion on most building materials (except Teflon, PE, PP). High thermal and acoustic isolation. Cured foam can be cut, sanded, painted and plastered. Mildew & water resistant. Does not contain propellants harmful to ozone layer. Classified as B2 according to DIN 4102 and E to EN 13501-1 standards.

Application Areas

Installation and isolation of door and window frames, In filling and sealing gaps, large cracks and holes, For thermal and acoustic isolation, In the isolation of electrical installations, hot and cold water pipes. As a multi-purpose filler, bonder and isolator.

Package

Stock Code	Type	Volume	Box
FA087	Summer +5	750 ml	12

892P

RV BLACK PU GUN FOAM

Top quality filling and assembly foam with a special formulation that can be applied at low temperatures. The foam provides an airtight seal by filling even hard-to-reach gaps. When insulation is completed, heating and air conditioning costs are reduced.

- High UV Resistance
- High Yield Up to 45 Liters
- Mould Proof
- Black Colour

Application Areas

Filling and sealing gaps, large cracks and holes, Thermal and acoustic insulation, In the isolation of electrical installations, hot and cold water pipes, As a general purpose filling, bonding and insulating material.

Features

Developed for caravan applications. The Black Colour provides excellent protection against UV light. Excellent bonding and filling properties. High thermal and acoustic insulation value. Efficiency up to 45 liters depending on humidity and temperature. Mildew & water resistant. Contains fire retardant.

Technical Properties

Chemical Structure	: Polyurethane Pre-polymer	
Curing Mechanizm	: Moisture	
Density	: 19±3 kg/m³	(ASTM D1622)
Skin Time (1 cm)	: 6±2 min.	(ASTM C1620)
Cutting Time (1cm)	: 20-45 dk.	(ASTM C1620)
Volume Loss	: 40°C / 90% R.H.: +1.6% 30°C / 30 % R.H.: +0.4% -4°C / Moisture unknown: -1.5%	(AAMA 812)
Curing Time	: 24 hours	
Foam Colour	: Black	
Efficiency	: 30-45L	(ASTM C1536)
R Value	: -4,1 per in.	
Post Expansion	: Up to %30	
Thermal Conductivity	: 0,036 W/m.k (20°C)	(DIN 52612)
Pressure Resistance	: 0,03 MPa	(DIN 53421)
Water Absorption	: Max. %1 in Volume	(DIN 53428)
Ideal Can Temperature	: min. 5°C max. 30°C	
Heat Resistance	: - 40°C and +80°C	
Application Temperature	: -12°C and +30°C	

Package

Stock Code	Type	Volume	Box
FA0892	Winter -12	600ml/Gw.795gr	12

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
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MAXIMUM

STRAW PU FOAM 65L

Low expansion and maximum yield formulation aerosol polyurethane foam especially developed for fixing door&window frames. It yields minimum 100% more foam than straw foams, cures faster and forms easy to cut flexible foam.

- Maximum Yield
- Low Expansion
- Improved Adhesion & Stability

Application Areas

Fixing&sealing of door and window frames. Sealing applications where low-expansion is needed. Filling small cavities.

Features

Maximum Yield: Provides 100% more yield than that of standard straw foams. Low-Expansion: Ensures not to bend or bow door and window frames. Decreases foam waste. Fast Cure. Improved Adhesion&Stability: Better non-sagging performance on vertical surfaces. Usable in 4 Seasons: Special formulation allows application at low temperatures (-2 °C). Closed-Cell Structure: Provides effective heat&sound insulation. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 60-65 L	(ASTM C1536)
Expanding volume	: Up to %30	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -2°C to +30°C	(WINTER)
	+5°C to +30°C	(SUMMER)

Package

Stock Code	Type	Volume	Box
FA002	Summer +5	Gw. 1000 g.	12
FA002.K	Winter -2	Gw. 1000 g.	12

806

DOOR & WINDOW PU FOAM

One-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. As a straw foam,behaves like a gun foam. Straw use but has low expansion like gun use foams. It does not contain any propellant gases that are harmful to the ozone layer.

- As A Straw Foam, Behaves Like A Gun Foam
- Low Expansion
- Mould-Proof, Water-Proof & Over Paintable

Application Areas

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, water-proof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)	
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water penetration	: 0	(ISO 2896-87)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA021	Summer +5	Gw. 850 g.	12

888P

FLEXIBLE PU GUN FOAM

Single-component PU flexible foam used with an applicator gun and features flexibility, high performance, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer. The foam has a minimum expansion after application (less than 50%) and is therefore very economical to use. The foam is very elastic and has a very high Acoustic Rating and Thermal Insulation value.

- Overcomes Extreme Physical Movements Without Structural Deformation
- Shock & Impact Absorption
- High elastic recovery ratio

Application Areas

Vibrating constructions. Soundproof screen production. Application of soundproofing layer on industrial equipments. Reduction of noise transmission during use as fixing foam. Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling penetrations in walls. Filling all joints in roof constructions. Enhancing thermal insulation in heating/cooling systems. Insulating electrical outlets and water pipes.

Features

High elastic recovery ratio. Overcomes extreme physical movements without structural deformation. Shock and impact absorption. Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters depending on temperature and humidity. Mould-proof, water-proof and paintable.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Mechanical Properties	: Flexible	
Specific Gravity	: 21±3 kg/m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 2-4 hours	
Foam Colour	: Light blue	
Yield	: 45-55 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Compression Strength	: 22,3 kPa (%10 compressed)	FEICA TM 1011:2015
Tensile Strength	: 0,065 MPa	FEICA TM 1018:2015
Elongation at Break	: % 36-38	
Water Absorption	: max. 1 vol%	(DIN 53428)
Shrinkage	: < 3%	
Shear Strength	: 0,058 MPa	FEICA TM 1012:2013
Optimum Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -2°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA888P	Summer +5	Gw. 890 g.	12

3XL

HIGH EXPANDING PU GUN FOAM 65L

One-component professional pu foam which yields significantly higher volumes. It is used with a special applicator gun.

- 65LT
- High Yield
- Excellent Adhesion

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes. Instructions: Optimal can temperature +20°C.

Features

High yield up 65 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 15±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2min	(ASTM C1620)
Cutting Time (1cm width)	: 15-25 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 60-65 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)	
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Optimum Can Temperature	: min.+5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA073	Summer +5	Gw.930 g.	12

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A+
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Scan QR code for product video.

805P

PU GUN FOAM (MULTI PURPOSE)

One-component PU foam used with an applicator gun and features higher yield, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer.

- Excellent Adhesion & Filling Capacity
- Gun Use, Low Expansion, Professional Type
- Mould-Proof, Water-Proof & Over Paintable

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Excellent adhesion& filling capacity and high thermal & acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters depending on temperature and humidity. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA001	Summer +5	Gw. 850 g.	12

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CLASSIFIED UL

AAMA Manufacturer of Verified Components

805

PU FOAM (MULTI PURPOSE)

One-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. It does not contain any propellant gases that are harmful to the ozone layer.

- Excellent Adhesion & Filling Capacity
- Straw Use, Manual Type, High Expansion
- Mould-Proof, Water-Proof & Over Paintable

Application Areas

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, water-proof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Tensile strength	: 11.7±0.8	(SO1926-79)
Dimensional stability	: ±10%	(ISO2796/86)
Water penetration	: 0	(ISO2896-87)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -2°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA011	Summer +5	Gw. 850 g.	12
FA012	Summer +5	Gw. 570 g.	12
FA013	Summer +5	Gw. 350 g.	12

812P

PU GUN FOAM MULTI PURPOSE WINTER -12°C

One-component PU foam used with an applicator gun and developed for applications in temperatures below to -12 °C.

- Can Be Used At Low Temperatures Below To -12°C
- Excellent Adhesion To Most Materials
- Gun Type, Professional Use

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Can be applied at frost temperatures. Excellent adhesion& filling capacity and high thermal&acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters. Mould-proof, water-proof and over paintable.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Expanding Volume	: Up to%30	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: - 40°C to +80°C	
Application Temperature	: - 12°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA081	Winter -12	Gw. 850 g.	12

812

PU FOAM MULTI PURPOSE WINTER -12°C

One-component, moisture-curing and self-expanding PU foam especially developed for applications at temperatures of as low as -12 °C.

- Can Be Used At Low Temperatures Below To -12°C
- Excellent Adhesion To Most Materials
- Thermal & Acoustical Insulation Value

Application Areas

Mounting and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Improving thermal isolation in cooling systems.

Features

High yield&stability and adequate pressure at frost temperatures. Excellent adhesion on most materials. Very good filling capacity. High thermal&acoustical insulation value. Resistant to moisture, heat, water and many chemicals.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -12°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA080	Winter -12	Gw. 850 g.	12
FA012W	Winter -12	Gw. 570 g.	12
FA013W	Winter -12	Gw. 350 g.	12

FAST 70 MEGA

PU GUN FOAM

Single-component, professional type, gun applicable PU foam. Cures swiftly with air humidity. Features higher volumetric yield, fast curing, reusability and easy application. It does not contain any propellant gases which are harmful to the ozone layer.

- High Yield Up To 70L
- Fast Curing (in 1.5 hours)
- Excellent Filling Capacity

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Cures faster (in 1.5 hours) according to standard PU Foams. Economical consumption thanks to precise application. High yield up to 70 liters depending on temperature and humidity. Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Conforms to fire class B3 according to DIN 4102-1. Mold-proof, water-proof and over paintable.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ m^3	(ASTM D1622)
Tack-Free Time (1 cm width)	: < 3 min	(ASTM C1620)
Cutting Time (1cm width)	: < 10 min	(ASTM C1620)
Cure-Time	: < 1,5 hours	
Foam Color	: Light yellow	
Yield	: 70-75 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421) Can
Temperature	: min. +5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Product	Weight	Package
Akfix Fast 70	Gw.1000 gr.	12

850

MEGA PU GUN FOAM 65L

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

- High Yield Up To 65 Liters
- Excellent Adhesion To Common Construction Materials
- Mould-Proof, Water-Proof & Over Paintable

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

High yield up to 65 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 65 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -20°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA007	Summer +5	Gw. 1000 g.	12

872

MEGA PU GUN FOAM 70L

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

- High Yield Up To 70 Liters
- Excellent Adhesion to Common Construction Materials
- Mould-Proof, Water-Proof & Over Paintable

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

High yield up to 70 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 65-70 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA070	Summer +5	Gw. 1020 g.	12

940

SAFETY VALVE REUSABLE PU FOAM

PU foam which is never blocked thanks to its mechanical valve.

- Reusable
- The Valve Is Never Blocked
- Mould-Proof, Water-Proof & Over Paintable

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Can be re-used repeatedly even if partially used before. Even stored in horizontal or upside-down position the valve is never blocked. Better control of the outflow thanks to special adaptor. High horizontal yield thanks to special design tube. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/ m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	
(ASTM C1620) Cure-Time	: 24 hours	
Foam Colour	: Light green	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA010	Summer +5	Gw. 850 g.	12

882

MEGA PU GUN FOAM WINTER -12°C 70 L

Single-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

- High Yield Up To 70 Liters
- Can Be Applied At Low Temperatures Below To – 12°C
- Excellent Adhesion On Common Construction Materials

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes

Features

High yield up to 70 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 65-70 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -12°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA082	Winter -12	Gw. 1020 g.	12

885

MEGA PU GUN FOAM WINTER -25°C 60 L

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

- High Yield Up To 60 Liters
- Can Be Applied At Low Temperatures Below To – 25°C
- Excellent Adhesion On Common Construction Materials

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

High yield up to 60 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ m3	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: See the curing chart	
Foam Colour	: Light yellow	
Closed Cell	: 70-80%	
UL	: Flame spread: 0	
	Smoke Development: 5	(UL 723)
Yield	: Up to 60 L	(ASTM C1536)
R Value	: ~4.1 per in.	
Expanding Volume	: Up to %50	
Fire Class of Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,030 MPa (At 10% compressed)	(DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)	
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: - 40°C to +80°C when cured	
Application Temperature	: - 25°C to +30°C	

Package

Stock Code	Type	Volume	Box
FA085	Winter -25	Gw. 1050 g.	12

895

MOUSE & PEST BARRIER PU FOAM

Mouse & Pest Barrier PU Foam contains an EPA-registered pesticide that protects the foam from attack by mice, birds, bats and tree squirrels. It also blocks ants, roaches, spiders and bees. Can be used to fill gaps and cracks inside garages, attics, crawl spaces, basements, under sinks, around pipes/ electrical penetrations or any areas where pests, insects or drafts can enter.

- Contains EPA-registered pesticide
- Protects foam from attack by mice and other pests.
- Excellent adhesion & filling capacity

Application Areas

To keep all kinds of insects, pests and rodents away from our habitats. Filling and sealing of especially wider gaps, joints and cavities. Fixing and insulating of door and window frames. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Contains EPA-registered pesticide that protects foam from attack by mice and other pests. Excellent adhesion & filling capacity and high thermal value. Good for filling wide caps with its high expansion rate. Cured foam dries rigid and can be trimmed, shaped and sanded. Conforms to fire class B3 according to DIN 4102-1. Mold-proof, water-proof and over paintable.

Technical Properties

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 20±3 Kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Color	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.K (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Tensile strength	: 0.08 MPa	(ISO1926-79)
Dimensional stability	: <10%	(ISO2796/86)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -5°C to +30°C	

Package

Stock Code	Type	Volume	Box
895	-	400 ml	12

Scan QR code for product video.

2K

FENCE POST FIX

Fence Post Fix is a fast setting polyurethane foam designed specifically for supporting and backfilling of wooden, PVC, steel and many types of in-ground posts. It is a two component, pre-proportioned system that expands to fill the peripheral void between a post and the hole.

- Quickly Sets And Fast To Apply
- High Strength Against Impacts And Shocks
- Easy to Use

Application Areas

Fence posts, Garden light posts, Mailboxes, Signs, Sport posts and poles such as basketball, football, volleyball and tennis.

Features

Easy to use; No more handling heavy bags of concrete, No water is required, No messy concrete mixing. Quickly sets and fast to apply; No time is wasted loading and unloading heavy concrete bags, Sets in 3-5 minutes (depending on temperature) High strength against impacts and shocks, Adheres to wood, vinyl and metal posts as well as to the ground better than concrete, Waterproof; helps protecting the post against rotting, Can be used outside both in summer and winter time.

Technical Properties

Basis	: Polyurethane foam
Colour	: Grey
*Mixing Time	: 20 seconds
*Rise Time	: 3 mins.
*Set Time	: 3-5 mins (initially)
*Full Strength	: 2 hours
Volumetric Yield	: 7,2 L
Weather resistance (cold and hot)	: -40 ˚C +120 ˚C
Water absorption	: 0,17 kg/m^2

Package

Stock Code	Type	Volume	Box
F2KA30 - F2KB37	Grey	(350 gr + 325 gr)	6
F2KA30 - F2KB37	Grey	(645 gr + 515 gr)	6

Scan QR code for product video.

800C

FOAM CLEANER

Removes fresh PU foam and cleans the PU foam gun adapter after the application. Cleans surfaces, clothes, window&door frames and prevents the foam cure in the gun adapter.

- Powerfull Cleaning
- Quickly Effects
- Cleans Every Type Of Foam And Applicator Gun

Application Areas

Cleaning of the gun adapter. Cleaning of the valves of the PU Foam Aerosol. Removal of uncured foam.

Features

Powerful solvent based aerosol cleaner for removing uncured PU foam (straw and gun adapter foam). Designed especially for cleaning the gun adapter of foam. Cleaner has a spray activator for removing the foam from the gun adapter. It can be used in all positions. Propellant gas is not harmful to the ozone layer.

Technical Properties

Basis	: Solvent mixture
Consistency	: Liquid
Appearance	: Clear
Specific gravity	: 0,85g/cm3

Package

Stock Code	Type	Volume	Box
XA050	-	500 ml	12

PU FOAMS

FILLING **FIXING INSULATING**

Coatings

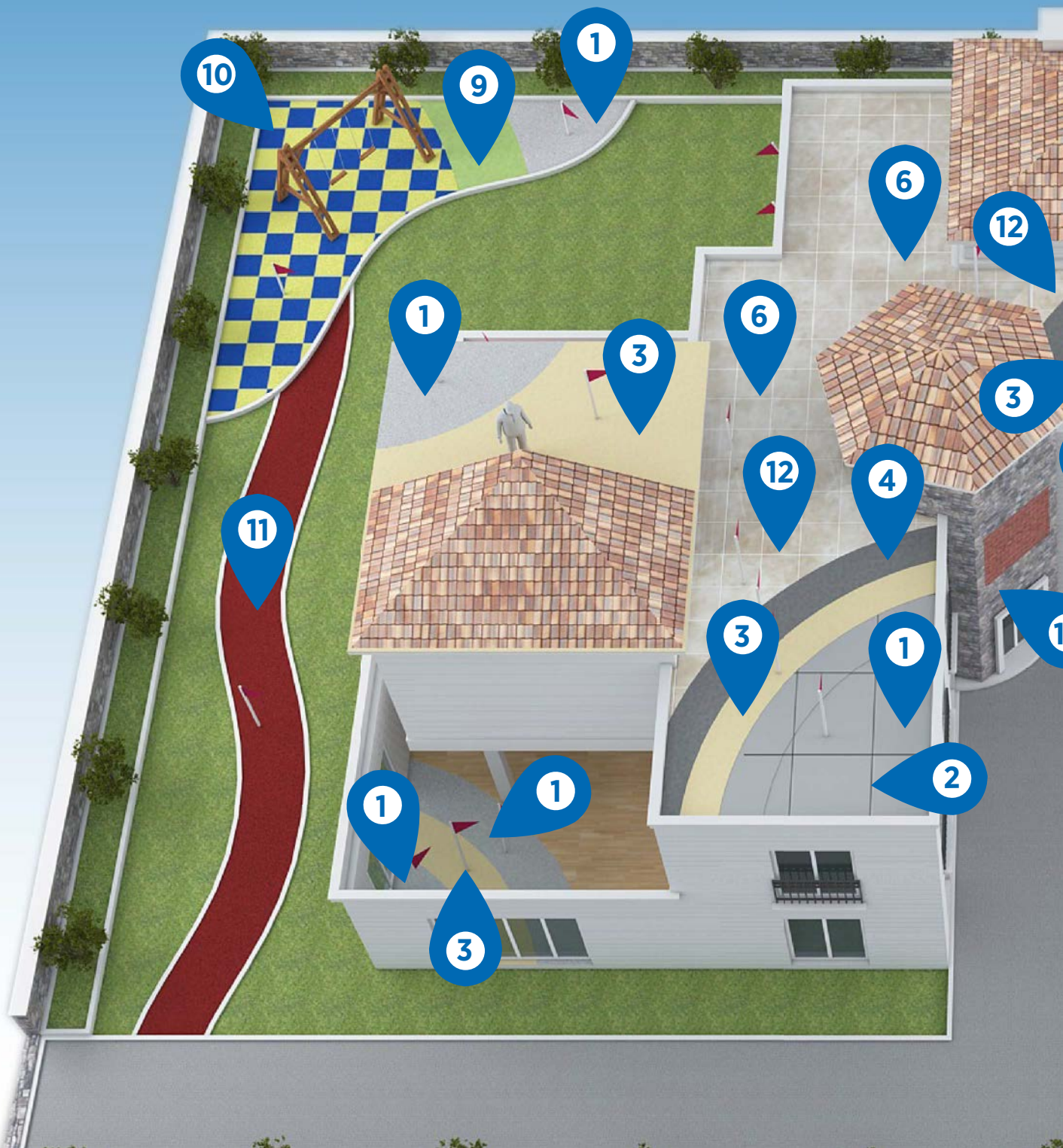
Waterproofing and Heat Insulation Systems

www.Akfix.com

Creates Permanent Solutions

COATINGS APPLICATON AREAS

1 Concrete Substrate
2 Joint Sealant Polyurea
3 Spray PU Foam
4 Polyurea
5 Base Coat Liquid Membrane
6 Polyaspartic Polyurea



7 Top Coat Liquid Membrane

8 Aliphatic Polyurea

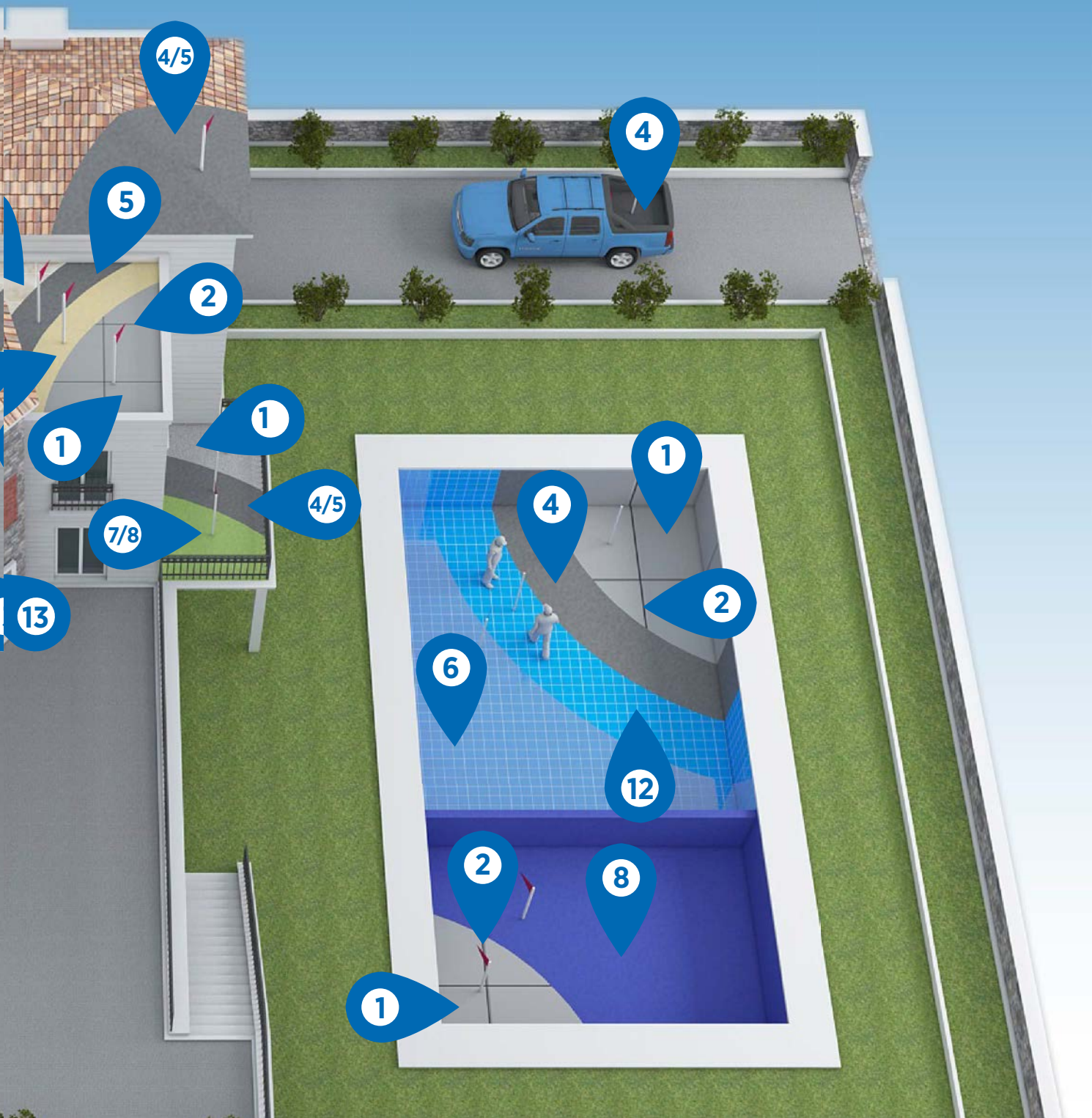
9 Rubber Tile Adhesive

10 Press Rubber Binder

11 Pour in Place Rubber Binder

12 Ceramic

13 PU Wood Imitation Panel



Scan QR code for product video.

AQUA ZERO

HYBRID WATERPROOFING MEMBRANE

Aquazero; is a premium, liquid and cold applied, one-component silane modified polymer (SMP) based polymer, elastic, waterproofing membrane, free of bitumen, solvent and isocyanates. After fully cured, it forms waterproof, UV resistant surface which also repairs the cracks up to 5mm.

- Applicable on Damp Surface
- Free of Bitumen, Isocynates and Solvent
- Self-Leveling
- Good Resistance to UV
- Paintable

Application Areas

Protection, repair, restoration and waterproofing of the following surface and areas: Concrete floor slabs and roofs. Balconies and terraces. Small horizontal movement joints. As a flexible coating of roofs. Protection of Polyurethane Foam Insulation. Waterproofing of Wet Areas (under-tile) in bathrooms, kitchens, balconies, auxiliary rooms, etc.

Features

Applicable also on damp surfaces. Good resistance to UV, water and moisture. Self-leveling. Paintable. Applicable by brush, roller or a spatula. Provides water vapor permeability, allowing the surface to breathe. Environmental friendly – Free of bitumen, isocyanates and solvents.

Technical Properties

Base	: Hybrid Polymer	
Density (g/ml)	: 1,44	(ASTM D1875)
Colour	: Grey/White	
Curing Rate (23°C %50 R.H.)	: 3,05 m/day	
Viscosity	: 10000-20000 cps	Brookfield DV-E RV 23°C Spindle No 05
Hardness (Shore A)	: 30 ± 5 ISO 868	
% Elongation	: Min. 300%	(DIN 53504)
Tensile Strength (N/mm^2)	: 1-1,5	(DIN 53504)
Application Temperature	: +5°C to +35°C	
Product Temperature	: +5°C to +25°C	
Temperature Resistance (Cured Product)	: -20°C to +80°C	

Package

Stock Code	Type	Volume	Box
WHM0105	Grey RAL7040	1 kg	12
WHM1405	Grey RAL7040	14 kg	1
WHM1405	Grey RAL7040	7 kg	12

CE
EN 1504-2

EM350

WATERGUARD ACRYLIC WATERPROOFING MEMBRANE

Acrylic Waterproofing Membrane is a one component, water based, acrylic copolymer based elastic waterproofing membrane.

- Water Based
- Excellent UV Resistance
- Ready to Use

Application Areas

Waterproofing of;
Balconies, terraces and roofs. Facades. Wooden surfaces. Asphalt and bitumen floorings. Roofing details such as gutters, chimney edges etc.

Features

Ready to use. Can be easily applied with airless spray gun, roller or brush. Low labor cost. Does not contain solvent, can be diluted with water. Water vapor permeable. Resistant to UV. Maintains elasticity even at low temperatures. Over paintable. High opacity. Can be colored with water based color pastes. Seamless application.

Technical Properties

Chemical Basis	: Acrylic copolymer	
Solid Content	: %70-80	
Density	: 1,37 ± 0,03 g / ml	
Consistency / Color	: Liquid / White	
Viscosity	: 50.000 ±5000 (Spindle No:6, 12rpm, 20°C)	
Dry Time for Next Layer Application	: 4-5 hours (23°C, %50 R.H.)	
Service Time	: 48 hours (23°C, %50 R.H.)	
Consumption	: Horizontally 1,0-1,5 kg/m^2, vertically 0,75 kg/m^2	
Elongation at Break	: ≥ 600%	(DIN 53504)
Tensile Strength	: >1 N/mm^2	(DIN 53504)
Application Temperature	: +5°C ile +35°C	
Ambient Temperature	: +5 °C ile +35°C	

Package

Stock Code	Type	Volume	Box
EM350	White	Net 5 kg	1
EM350.1	White	Net 20 kg	1

Scan QR code for product video.

EM600

WATERGUARD ACRYLIC WATERPROOFING MEMBRANE

Acrylic Waterproofing Membrane is a one component, water based, acrylic copolymer based elastic waterproofing membrane.

- Water Based
- Excellent UV Resistance
- Ready to Use

Application Areas

Waterproofing of;
Balconies, terraces and roofs. Facades. Wooden surfaces. Asphalt and bitumen floorings. Roofing details such as gutters, chimney edges etc.

Features

Ready to use. Can be easily applied with airless spray gun, roller or brush. Low labor cost. Does not contain solvent, can be diluted with water. Water vapor permeable. Resistant to UV. Maintains elasticity even at low temperatures. Over paintable. High opacity. Can be colored with water based color pastes. Seamless application.

Technical Properties

Chemical Basis	: Acrylic copolymer	
Solid Content	: %70-80	
Density	: 1,37 ± 0,03 g / ml	
Consistency / Color	: Liquid / White	
Viscosity	: 50.000 ±5000 (Spindle No:6, 12rpm, 20°C)	
Dry Time for Next Layer Application	: 4-5 hours (23°C, %50 R.H.)	
Service Time	: 48 hours (23°C, %50 R.H.)	
Consumption	: Horizontally 1,0-1,5 kg/m^2, vertically 0,75 kg/m^2	
Elongation at Break	: ≥ 600%	(DIN 53504)
Tensile Strength	: >1 N/mm^2	(DIN 53504)
Application Temperature	: +5°C ile +35°C	
Ambient Temperature	: +5 °C ile +35°C	

Package

Stock Code	Type	Volume	Box
EM600	White	Net 5 kg	1
EM600.1	White	Net 20 kg	1

CE
EN 1504-2

EM800

WATERGUARD COOL ROOF WATERPROOFING MEMBRANE

Waterguard is a one component, cold applied, water based, modified polyurethane dispersion based elastic waterproofing membrane.

- High UV Stability
- High Elasticity
- Excellent Solar Reflectance

Application Areas

Waterproofing of exposed roofs in both new construction and refurbishment. For reflective coating to enhance energy efficiency. Suitable for metal, concrete, brick, stone, wood, asphalt and bitumen surfaces

Features

Ready to use. High elasticity. High UV stability. Can be easily applied with airless spray gun, roller or brush. Low labor cost. Does not contain solvent, can be diluted with water. Water vapor permeable. Maintains elasticity even at low temperatures. Over paintable. High opacity. Seamless application. High solar reflectance. High resistance to dirt pick-up for long term solar reflectivity.

Technical Properties

Chemical Basis	: Modified polyurethane dispersion	
Solid Content (by weight)	: 63-66%	
Density	: 1,35 ± 0,03 g / ml	
Consistency / Color	: Liquid / White	
PH	: 8-9	
Tensile Strength	: Approx. 1,5 N/mm^2	DIN 53504
Elongation at break	: Min. 150 %	DIN 53504
Viscosity	: 5000-15000 cp (20°CS.No:05)	
Consumption	: 1,0-2,0 kg/m2 (primer+2 coats application)	
Reflectivity,%	: 85±0,5	
Application Temperature	: +5°C ile +35°C	
Ambient Temperature	: +5 °C ile +35°C	
Substrate Moisture Content	: < 6 %	

Package

Stock Code	Type	Volume	Box
EM800	-	20 kg	1

Scan QR code for product video.

PUR 450

PU WATERPROOFING MEMBRANE

One part, easy to apply, specially formulated polyurethane based, elastic, crack bridging membrane. It cures to form a highly elastic, seamless, waterproof coating with excellent crack bridging properties. Its performance is maintained even at low temperatures.

- Excellent Adhesion
- High Elasticity
- Interior and Exterior Applications
- Highly Elastic

Application Areas

Seamless coating on roofs and concrete structures, which can also be used as a waterproofing membrane on non-trafficked areas. Not suitable for permanent water immersion. Can be applied on concrete, brickwork, asbestos cement, roof tiles, roofing felt etc. For areas with specific official performance requirements, please contact us for product selection.

Features

Excellent Adhesion. Easy application. May be applied interior and exterior areas. Crack Bridging. Highly elastic. Economical in use. Silk/matt appearance. Root penetration resistant

Technical Properties

Chemical Base	: Solvent Base Polyurethane	
Density	: 1.35 ± 0.03 gr/ml	(ASTM D1875)
Appearance/Color	: Liquid, White or Grey Colors	
Surface Curing	: 3 h (23°C and %50 R.H.)	(ASTM C679)
Viscosity	: 5000-10000 cps	
Ready for foot traffic*	: 24-36 h (23°C and %50 R.H.)	(ASTM C679)
Full Cure	: 7 days (23°C and %50 R.H.)	
Shore A Hardness	: 60±5	(ASTM D 2240)
% Elongation	: ≥ % 450 (DIN EN ISO 527)	
Solid Content	: Weight ~% 84 (23°C and %50 R.H.)	
Tensile Strength	: 3 N/mm²	(DIN 53504)
Heat Resistance	: -20°C and +80°C	
Application Temperature	: +5°C and +35°C	

Package

Stock Code	Type	Volume	Box
WMB452502	White (Metal Pail)	Net 25 kg	1
WMB452506	Grey (Metal Pail)	Net 25 kg	1
WMB450102	White	Net 1 kg	1
WMB450106	Grey	Net 1 kg	1

CE
EN 1504-2

T525

PU TOPCOAT WATERPROOFING MEMBRANE

One component, aliphatic polyurethane based coating material with high permanent elasticity, superior UV resistance, color stability and easy-to-clean surface. It has a special curing system (triggered by the moisture) and does not create bubbles during curing.

- Bubble Free Curing
- Excellent Adhesion
- Enhanced UV Resistance

Application Areas

It is used as a topcoat on polyurethane-based waterproofing materials for protecting waterproofing, giving a decorative appearance to the surface, maintaining brightness of the surface and preventing dust formation.

Features

Excellent adhesion properties. Excellent resistance to abrasion and wear. Prevents color fading and dust formation likely to occur on polyurethane waterproofing materials. Easy application (by roller and airless gun). Forms bright and easy-to-clean surface. UV resistant. Over-walk able after application (light pedestrian traffic). Impervious to water and deicing salts. Uniform structure without any connection edges.

Technical Properties

COLORED

Chemical Base	: Polyurethane	
Density	: 1,30 ± 0.03 gr/ml	(ASTM D1875)
Apperance/Color	: Liquid, White or Grey Colors	
Surface Curing	: 3-5 hrs (23°C and %50 R.H.)	(ASTM C679)
Ready for foot traffic*	: 24-36 hrs (23°C and %50 R.H.)	(ASTM C679)
Full Cure	: 7 days (23°C and %50 R.H.)	
Shore A Hardness	: 60±5	(ASTM D 2240)
% Elongation	: ≥ % 350	(DIN EN ISO 527)
Solid Content	: Weight - % 85 (23°C and %50 R.H.)	
Heat Resistance	: -20°C and +80°C	
Application Temperature	: +5°C and +35°C	

** With Care. Only for inspection or for application of the next layer, not for permanent traffic.*

TRANSPARENT

Chemical Base	: Solvent Based Polyurethane	
Density	: 1.00 ± 0.03 gr/ml	(ASTM D1875)
Appearance/Color	: Liquid, Clear	
Surface Curing Time	: 8-12 hrs (23°C and %50 R.H.)	(ASTM C679)
Reafy for foot Traffic*	: 24-36 hrs (23°C and %50 R.H.)	(ASTM C679)
Full Cure	: 7 days (23°C and %50 R.H.)	
Shore A Hardness	: 60	(ASTM D 2240)
Elongation %	: ≥ % 250	(DIN EN ISO 527)
Heat Resistance	: -20°C and +80°C	
Application Temperature	: +5°C and +35°C	

** With Care. Only for inspection or for application of the next layer, not for permanent traffic.*

Package

Stock Code	Type	Volume	Box
WMBT521500	Transparent	Net 15 kg	1
WMBT521500	Light Grey RAL7035	Net 15 kg	1
WMBT521500	White RAL9010	Net 15 kg	1

CE
EN 1504-2

HB400

WATERGUARD LIQUID FLASHING HYBRID

Liquid Flashing Hybrid is a hybrid polymer based, an all-purpose, fluid applied flashing used to create a weather resistant, fully adhered waterproof barrier system around window and door installations.

- Water and frost resistant.
- Allows Substrates to Breathe
- Bonds to Multiple Materials
- No Primer Required

Application Areas

Indoor and outdoor. Vertical and horizontal surfaces. Surface restoration of old substrates. Foundations, basements and garages. Bathroom and wet floors.

Features

Does not contain solvent, silicone, bitumen or isocyanate. Easy to use trowel application. No mixing needed and primer required. Water and frost resistant. Allows substrates to breathe. Bonds to multiple materials. Can be applied damp surface. Prevents membrane wear and tear. Low labor cost.

Technical Properties

Basis	: Hybrid Polymer	
Curing Mechanism	: Moisture	
Density	: 1,46 ± 0,03 g / ml	
Consistency / Color	: Viscous liquid / Blue	
Hardness Shore A	: 35-40	(ISO 868)
Viscosity	: 80.000-140.000 cps	(Spindle 07, Brookfield)
Skin Formation Time	: 50 ± 5 min (23°C, 50% R.H.)	
Curing Performance	: Min.2,5 mm/24h	(23°C, 50% R.H.)
Elongation at Break	: ≥ 250%	(DIN 53504)
Tensile Strength	: 1,6-2,1 N/mm2	(DIN 53504)
Application Temperature	: +5°C to +40°C	
Temperature Resistance	: -40 °C to +90°C	

Package

Stock Code	Type	Volume	Box
HB400	Grey RAL7040	600 ml	12
HB400.1	Grey RAL7040	Net 1 kg	12
HB400.2	Grey RAL7040	Net 14 kg	1

Scan QR code for product video.

HB420

WATERGUARD HYBRID ROOF DETAIL

Hybrid Roof Detail is a hybrid polymer based liquid flashing compounds for waterproofing of complex roofing details and connections such as pipes, chimneys, lightdomes, gutters etc.

- Water and frost resistant
- No Primer Required
- Provides Water Vapor Permeability
- Efficient Application on Complex Details

Application Areas

The Roof Detail Hybrid is mainly used to waterproof details like;

- Pipes
- Flashings and 90° angles
- Lightdomes • Chimneys
- Wall-floor connections
- Roofing and gutters
- Photovoltaic systems
- Concrete, mortar, cement screed, wood etc.

Features

Does not contain solvent, silicone, bitumen or isocyanate. Simple application. Forms seamless membrane without joints or leak possibilities. Water and frost resistant. Provides water vapor permeability. Full surface adherence without any additional anchoring. Can be applied damp surface. In case of damage, membrane can be easily repaired locally within minutes. Low labor cost.

Technical Properties

Chemical Base	: Hybrid Polymer	
Curing Mechanism	: Moisture	
Density	: 1,46 ± 0,03 g / ml	
Consistency / Color	: Viscous liquid / White, Grey, Black	
Hardness Shore A	: 35±5	(ISO 868)
Viscosity	: 80.000-120.000 cps (Spindle 07, Brookfield)	
Skin Formation Time	: 40-60 min (23°C, 50% R.H.)	
Curing Performance	: Min.2,5 mm/24h (23°C, 50% R.H.)	
Elongation at Break	: ≥ 250%	(DIN 53504)
Tensile Strength	: 1,5-2,0 N/mm²	(DIN 53504)
Application Temperature	: +5°C to +40°C	
Temperature Resistance	: -40°C to +90°C	

Package

Stock Code	Type	Volume	Box
HB420	Grey RAL7040	Net 1 kg	12
HB420.1	Grey RAL7040	Net 7 kg	2
HB420.2	Grey RAL7040	Net 14 kg	1

SLB 51

EPOXY COATING SELF LEVELING (Base Coat)

Two component, solvent free, self-leveling, epoxy coating with high impact and abrasion strength with also a very good resistance against acidic and basic solutions.

- Solvent Free
- High Impact and Abrasion Resistance
- Self Leveling

Application Areas

High traffic car parking areas. Warehouses. Industrial floors. Hotels. Retail shopping areas. Hospitals.

Features

Solvent free. High impact resistance. Designed for application by brush and roller. Excellent chemical resistance. Excellent mechanical properties; high tensile and tear strength, abrasion resistance. Resistant to bacterial and fungus growth. Creates a glossy, easy to clean anti-dust surface.

Technical Properties

	METOD	DATAS
Mix Ratio	-	5:1
Viscosity (Mixture) 23°C	ASTM D2196-99	1200-1800 cps Density
(Component A) 23°C	EN ISO 2811-1	1,70 g/cm3
Density (Component B) 23°C	EN ISO 2811-1	1,02 g//cm3
Density (Mixture)	EN ISO 2811-1	1,53 g/cm3
Pot Life 23°C	INTERNAL	1 hours
Tack Free Time 23°C	INTERNAL	4 hours
Light Traffic	INTERNAL	24 hours
Heavy Traffic	INTERNAL	7 days
Shore D Hardness	ASTM D2240	80 (After 7 days)
Adhesion strength	ASTM D4541	>3N/mm2 (concrete)
Shrinkage	INTERNAL	0%
Compression strength	EN 196-1	>50 N/mm2
Application Temperature	-	+10°C +35°C

Package

Stock Code	Type	Volume	Box
AEPSLB5118	RAL 7040	18 kg. set (15 + 3 kg)	1

SLT 41

EPOXY COATING SELF LEVELING (Top Coat)

Two component, solvent free, self-leveling, high build epoxy top coat. Because of UV resistance and high gloss retention properties it is ideal for outdoor applications.

- High UV Resistance
- Solvent Free
- High Mechanical And Chemical Resistance

Application Areas

Typical applications may include:
Production rooms, offices and even pharmaceutical laboratories. Laboratories. Museums and galleries. Animal shelters and veterinary clinics.

Features

Solvent free, 100% solid. Attractive, high gloss, reflective coating. High impact resistance. Durable, impermeable and seamless. Excellent chemical resistance. Excellent mechanical properties; high tensile and tear strength, abrasion resistance.

Technical Properties

	METOD	DATAS
Mix Ratio	-	4:1
Viscosity (Mixture)	ASTM D2196-99	1200-1800 cps Density
(Component A)	EN ISO 2811-1	1,70 g/cm^3 (25°C)
Density (Component B)	EN ISO 2811-1	1,02 g//cm^3 (25°C)
Density (Mixture)	EN ISO 2811-1	1,53 g/cm^3 (25°C)
Pot Life	INTERNAL	1 hour (23°C 50% R.H.)
Tack Free Time 23oC	INTERNAL	4 hours (23°C 50% R.H.)
Light Traffic	INTERNAL	24 hours(23°C 50% R.H.)
Heavy Traffic	INTERNAL	7 days (23 °C 50% R.H.)
Shore D Hardness	ASTM D2240	80 (After 7 days)
Adhesion strength	ASTM D4541	>3 N/mm^2 (Concrete)
Shrinkage	INTERNAL	0%
Application Temperature	-	+10°C +35°C

Package

Stock Code	Type	Volume	Box
AEPSLT4118	RAL 7040	15 kg. set (12+3 kg)	1

TEX 71

EPOXY COATING TEXTURIZED (Base Coat)

Two part, solvent free, epoxy resin based thixotropic coating. Its special formulation provides easy to clean, anti-slip unique texturized finish.

- Texturized Finish
- Slip Resistant
- Good Abrasion Resistance

Application Areas

Slip resistant coating for concrete and cement screeds. Seal coat for broadcast coatings. Industrial floors, storage areas and loading stations. For production areas, storage and assembly areas or exhibition areas etc.. Parking lots and service areas.

Features

Slip Resistant. Good abrasion resistance. Chemically resistant. Can be subjected to normal up to medium heavy mechanical and chemical loading. Easy and fast application. Easy to clean.

Technical Properties

	METOD	DATAS
Mix Ratio	-	7:1
Density (Component A)	ASTM D2196-99	1,89 g/cm^3 (23°C)
Density (Component B)	EN ISO 2811-1	1,05 g/cm^3 (23°C)
Density (Mixture)	EN ISO 2811-1	1,73 g/cm^3 (23°C)
Pot Life	INTERNAL	50 min. (23°C 50% R.H.)
Tack Free Time	INTERNAL	4 hours (23°C 50% R.H.)
Foot Traffic Time	INTERNAL	24 hours (23°C 50% R.H.)
Full Cure Time	INTERNAL	7 days (23°C 50% R.H.)
Shore D Hardness	ASTM D2240	80 (After 7 days)
Adhesion strength	ASTM D 4541	>3 N/mm^2 (concrete)
Compression strength	EN 196-1	>60 N/mm^2
Application Temperature	-	+10°C-35°C

Package

Stock Code	Type	Volume	Box
AEPTEX7124	RAL 7040	24 kg. set (21 + 3kg)	1

SLT 21

EPOXY COATING SELF LEVELING (Top Coat)

Two component, solvent free, self leveling, epoxy coating designed for high build decorative coatings and decorative quartz/flake applications. Akfix SLT21 is ideal as a clear top coat over decorative quartz or vinyl flake floor broad cast systems.

- Transparent
- Ideal For Decoratif Application
- High UV Resistance

Application Areas

Typical applications may include:
Offices and laboratories. Museums and galleries. Auto dealerships. 3D decorative applications.

Features

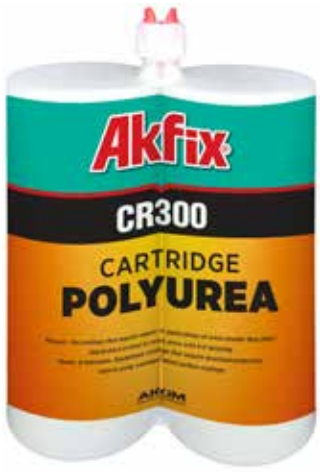
Solvent free, 100% solid. Attractive, high gloss, reflective coating. High impact resistance. Durable, impermeable and seamless. Excellent mechanical properties.

Technical Properties

	METOD	DATAS
Mix Ratio	-	2:1
Viscosity (Mixture)	ASTM D2196-99	700 cps
Density (Component A)	EN ISO 2811-1	1,1 g/cm^3 (25°C)
Density (Component B)	EN ISO 2811-1	1,02 g//cm^3 (25°C)
Density (Mixture)	EN ISO 2811-1	1,08 g/cm^3 (25°C))
Pot Life	INTERNAL	45 min. (23°C 50% R.H.)
Tack Free Time	INTERNAL	4 hours (23°C 50% R.H.)
Light Traffic Time	INTERNAL	24 hours (23°C 50% R.H.)
Full Cure Time	INTERNAL	7 days (23°C 50% R.H.)
Shore D Hardness	ASTM D2240	80 (After 7 days)
Shrinkage	INTERNAL	0 %
Adhesion strength	ASTM D4541	>3N/mm^2 (Concrete)
UV Resistance	ASTM G23	Color stable, no crack or blister (1000 hr)
Application Temperature	-	10°C +35°C

Package

Stock Code	Type	Volume	Box
AEPSLT4118	Transparent	15 kg. set (10 + 5 kg)	1



POLYUREA CR 300

Fast curing, two-component, 100% solid, flexible, hybrid polyurea waterproofing system. It can be applied for protecting and coating of various surfaces. The product has been specially developed for use in repairs and small applications. It can be applied to the surfaces with standard pneumatic cartridge gun with a pressure of 6-8 bars. It can be easily applied in complex and complex details geometrically.

Application Areas

Repairs. Old coatings that require repair. In applications of areas smaller than 20m^2. Application in hard to reach areas with hot spraying. Roofs. In balconies. Equipment coatings that require structural protection. Vehicle body coatings. Metal surface coatings.

Features

Economical Polyurea system. Easy and mobil application. Aromatic. %100 solid content. VOC free, odourless. Fast cure and fast service. Seamless application. Can be applied desired thickness. Excellent adhesion on concrete, metal, wood etc. Can be applied on horizonal and vertical application. Excellent resistant to weather conditions.

Technical Properties

Component Properties

	UNIT	METHOD	MDI PREPOLYMER (A)	AMINE RESIN (B)
Density (25°C)	gr/cm^3	ASTM D 1217	1,11±0,03	1,02±0,02
Viscosity (25°C)	mPa.s	ASTM D 4878	700-800	700-800

Process Properties

	UNIT	VALUE
Mixing Ratio	By Volume	A=100 B=100
	By Weight	A= 110 B= 100
Application Temp. (Product)	°C	A: 25-35 B: 25-35
Application Temp. (Air)	°C	A: 5-40 B: 5-40
Spray Pressure (bar)	Bar	A: 7-10 B: 7-10

Physical Properties

	METHOD	VALUE
Chemical Base		A: MDI Prepolymer B: Amine Resin
Solid Content (%)	ASTM D2697	100
Gel Time (sec)	--	25-30
Tack Free Time (sec)	--	50-70
Recoat Time (h)		0-12
Full Cure Time (h)	--	48
Density (gr/cm^3)	ASTM D792	1,0-1,03
Tensile Strength (MPa)	ASTM D638	≥10
Elongation (%)	ASTM D638	≥300
Hardness (Shore A)	ASTM D2240	90
Pull-off Strength (N/mm^2)	ASTM D4541	Concrete: ≥2 Steel: ≥6

Package

Stock Code	Type	Volume	Box
CR300	Ral 7040	750 : 750 ml	6

POLYUREA 1044

STANDARD PURE

Very fast set, 2-component, 100% pure flexible coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. This aromatic pure polyurea has been designed to protect and coat concrete, metal, wood, ceramic, geotextile surfaces. It is moisture and temperature insensitivity, allowing application in problematic ambient conditions. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

- Very Fast Cure
- Excellent Mechanical And Chemical Resistance
- Excellent Structural Strength

Application Areas

General water isolation – pools, swimming pools, ponds, membranes, waste water treatments, manholes, sewer-lining, roofs. Floors –industrial floors, hospitals, factory, auto parks, garage. Truck bed liners. Construction – roads, bridges, railways, high speed railways, tunnels, airports. Marine industry.

Features

100% solid, VOC free, no solvents. No catalyst. Fast reactivity and fast return to service time. Seamless and jointless coating. Little or no odor.Excellent thermal stability. Water resistant. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Non sensitivity to temperature and humidity. Excellent chemical resistance. Excellent impact and abrasion resistance. Anticorrosive. Very good tensile and structural strength. UV, chlorine and saltwater resistant. Variable application thickness possible. Broad color spectrum.

Technical Properties

	METOD	DATAS
Chemical structure		A: MDI Prepolymer B: Amine Resin
Color		Grey, Blue and any RAL color
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-25
Recoat time (hr)		0-12 (without pretreatment)
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 18
Modulus (MPa)	ASTM D638	%100 elongation ≥10 %300 elongation ≥15
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore D)	ASTM D2240	40-45
Tear strength (N/mm)	ASTM D 624	≥50
Impact resistance	EN ISO 6272-1	Class III
Pull off strength (N/mm^2)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6
Abrasion resistance	EN ISO 5470-1	23 mg (H22, 1000 cycle)
Bond strength by pull-off	EN 1542	2,0 N/mm^2
Thermal Shock Resistance (200°C in 1 min.)	--	Resistant

Package

Stock Code	Type	Volume	Box
WP044206	RAL 7040	425 kg set (225+200kg)	1
WP044209	RAL 5012	425 kg set (225+200kg)	1

Tested according to EN 1186 Migration testing on Food Contact Materials and found in compliance with regulation EU No 10/2011 with amendments

CE
EN 1504- 2

POLYUREA HB 1010

HYBRID SYSTEMS

Very fast set, rapid curing, flexible, two component hybrid polyurea system. It is derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. It can be applied as an economic waterproofing and coating alternative to pure polyurea products. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment. Polyurea HB 1010 conforms to requirements of the EN 1504-2 standard (concrete surface protection systems).

- Hybrid Technology
- Fast Curing
- Excellent Mechanical Properties

Application Areas

General waterproofing under ceramic, screed concrete, marble and other floor coverings. General waterproofing for light foot traffic areas like roofs, balconies, terraces, walkways and public areas. Waterproofing of ground concrete and load bearing walls. Play grounds and decorative applications. On thermal insulation products for waterproofing (polyurethane foam, EPS, XPS etc.)

Features

Economic alternative to pure polyurea products. Fast reactivity and return to service time. 100% solid, VOC free, no solvents. Environmentally friendly. Seamless coating. Very good tensile and structural strength. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Excellent crack bridging properties. Variable application thickness possible. Broad color spectrum.

Technical Properties

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without any pretreatment)
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥15
Modulus (MPa)	ASTM D638	%100 elongation ≥ 5
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore A)	ASTM D2240	90-95
Tear strength (N/mm)	ASTM D-624	≥25
Taber abrasion (mg)	EN ISO 5470-1	<250 (H22, 1000 cycle)
Impact resistance	EN ISO 6272-1	Class III
Pull off strength (N/mm^2)	ASTM D4541	Concrete: ≥3 Steel: ≥6

Package

Stock Code	Type	Volume	Box
WPHB10206	RAL 7040	425 kg set (225+200kg)	1
WPHB10209	RAL 5012	425 kg set (225+200kg)	1

CE
EN 1504-2

POLYUREA AL 1070

ALIPHATIC POLYUREA

%100 solid, fast curing, 2 component, UV resistive, aliphatic pure polyurea system. Its formulation is designed for maintaining high color stability and preventing discoloration where surfaces are exposed to sun light continuously. While it can be directly used on most surfaces, it also can be used as a top layer on epoxy, polyurethane and polyurea. After fully cured, it forms a coating material with high tensile strength and abrasion resistance. For protection and coating purposes, it can be applied on concrete, metal, wood, ceramic and PU foam. It can form strong films in wide variety of thicknesses. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

- High UV Resistance
- Excellent Color Stability
- Fast Cure

Application Areas

At exterior coatings where color stability is required. Swimming pools and water parks. Roofs, garages and parking lots. Airports, shipyards and marina. Wind energy plants. Amusement parks and playgrounds. Decorative designs. Furniture industry.

Features

Excellent resistance to UV light. Excellent color stability. Fast reactivity and fast return to service time. %100 solid, VOC free, no odor. Very good tensile and structural strength. Anticorrosive. High Hydrolysis resistance. Excellent temperature stability. Seamless and joint-less coating with high water resistance. Excellent adhesion on concrete, steel, aluminum, wood, etc. No sensitivity to temperature and humidity. Variable application thickness is possible. Broad color spectrum.

Technical Properties

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid conten (%)	ASTM D2697	100
Gel time (sec)	--	15-30
Tack free time (sec)	--	45-60
Recoat time(hr)		0-12
Density (gr/cm^3)	ASTM D792	1,05-1,08
Tensile strength (MPa)	ASTM D638	>16
Elongation at break (%)	ASTM D638	≥400
Hardness (Shore D)	ASTM D2240	40-45
Abrasion resistance (mg)	EN ISO 5470-1	<33 (H22, 1000 cycle) Pull off
strength (N/mm^2)	ASTM D4541	Concrete: ≥2,5 Steel: ≥6

Package

Stock Code	Type	Volume	Box
WPAL70206	RAL 7040	410 kg set (210+200kg)	1
WPAL70209	RAL 5012	410 kg set (210+200kg)	1
WPAL70205	RAL 3000	410 kg set (210+200kg)	1

CE
EN 1504-2

POLYUREA 1045

ECO PURE

Very fast set, rapid curing, flexible, two component, economic pure polyurea coating system derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. The system is designed as a waterproofing and floor protective coating for concrete, metal, wood, ceramic, geotextile and PU foam substrates. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

Technical Features

	Method	Datas
Chemical Structure		A: MDI Prepolymer
		B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without pre-treatment)
Post cure time (hr)	--	24
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 15
Modulus (MPa)	ASTM D638	%100 elongation ≥10 %300 elongation ≥12
Elongation at break (%)	ASTM D638	≥375
Hardness (Shore D)	ASTM D2240	35-40
Hardness (Shore A)	ASTM D2240	90-95
Tear strength (N/mm)	ASTM D 624	≥40
Taber abrasion (mg)	EN ISO 5470-1	<100 (H22/1000 cycle)
Impact resistance	EN ISO 6272-1	Class III
Thermal Resistance	--	-30 °C +100°C
Pull off strength (N/mm^2)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6

Features

Fast reactivity and fast return to service time. Seamless coating. 100 % solid, VOC free, no odour.Very good tensile and structural strength. Excellent thermal stability. Excellent chemical resistance. Excellent impact and abrasion resistance. Excellent adhesion on concrete, steel, aluminium, fibres, wood, foam etc. Excellent flexibility. Temperature and moisture insensitive. UV, chlorine and saltwater resistant. Variable application thickness possible. Broad colour spectrum.

Application Areas

General waterproofing and anticorrosion applications– tanks, pools, swimming pools, ponds, pipes, pipelines, roof, balcony and terrace coatings. Floors– industrial floors, hospitals, factories. Construction– roads, bridge decks, airports, line striping. Marine industry– ship's underwater part and ship's decks protection and ship docks. Leisure industry– water parks, aquariums linings, playgrounds and decorative applications. On thermal insulation products for waterproofing (polyurethane foam, EPS, XPS etc.)

Certificates

CE
EN 1504-2

POLYUREA HP 1044

ABRASION RESISTANT POLYUREA

Very fast curing, two component, aromatic, pure polyurea system derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. It is a high performance product designed especially for industrial applications where high abrasion, chemical and corrosion resistance is a priority. For waterproofing and protecting purposes, this product can be applied on materials like concrete, metal, wood, ceramic and many other substrates. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

Technical Features

	Method	Datas
Chemical structure		A: MDI Prepolymer
		B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	3-5
Tack free time (sec)	--	10-25
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 20
Elongation at break (%)	ASTM D638	≥200
Hardness (Shore D)	ASTM D2240	50-45
Tear strength (N/mm)	ASTM D 624	≥50
Taber abrasion (mg)	EN ISO 5470-1	<25 (H22, 1000 cycle)
Impact resistance	EN ISO 6272-1	Class III
Thermal Resistance	--	-30 °C, +100°C
Pull off strength (N/mm^2)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6

Features

Excellent impact and abrasion resistance. Fast reactivity and fast return to service time. Seamless coating. 100% solid, VOC free, no solvents. Environmentally friendly. Very good tensile and structural strength. Excellent chemical resistance. Excellent impact and abrasion resistance. Excellent thermal stability. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent corrosion protection. UV, chlorine and saltwater resistant. Variable application thickness is possible. Broad color spectrum.

Application Areas

It is used in where high chemical and mechanical properties are required as: Industrial & manufacturing facilities, storage, load and high traffic areas. Wastewater infrastructure. Roads, bridge decks, railways, tunnels and truck bed liners. Mining containment, process equipment and distribution. Primary & secondary containments. Power plants , refineries, oil and gas industry. Cargo containers. Parking lots and garages. Cold storage facilities, loading docks and ramps.

POLYUREA FA 1044

POTABLE WATER & FOOD CONTACT APPROVED

Very fast curing, 2-component aromatic pure polyurea system, 100% solid, flexible coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. This product has been approved for potable water and food contact and especially designed to protect potable water tanks and pipes. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

Technical Features

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 18
Modulus (MPa)	ASTM D638	%100 elongation ≥10 %300 elongation ≥15
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore D)	ASTM D2240	40-45
Hardness (Shore A)	ASTM D2240	90-95
Tear strength (N/mm)	ASTM D 624	≥50
Impact resistance	EN ISO 6272-1	Class III
Thermal Resistance	--	-30 °C +100°C
Pull off strength (N/mm^2)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6
Approval to food contact	EN 1186-1/15	Suitable

Features

Suitability for contact with drinking water and food. 100% solid, VOC free, no odor. Does not contain catalyst. Fast reactivity and fast return to service time. Excellent temperature stability. Seamless and jointless coating with high water resistance. Excellent adhesion on concrete, steel, aluminum, wood, etc. Excellent flexibility. No sensitivity to temperature and humidity. Perfect endurance to chemicals. Very good resistance to impact and corrosion. Very good tensile and structural strength. Variable application thickness is possible.

Application Areas

Potable water storage facilities and tanks. Potable water pipes. Food production and processing plants. Cold storages. Rain storage facilities and sedimentation tanks. Filtration systems.Swimming pools, amusement parks and aquariums

POLYUREA FR 1044

FIRE RETARDANT

Very fast curing, 2-component aromatic pure polyurea system, 100% solid, flexible coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. It's developed for applications which requre fire retardant and flame resistant coating. Especially designed to protect and coat concrete, metal, wood, ceramic, geotextile substrates. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

Technical Features

	Method	Datas
Chemical structure		A: MDI Prepolymer
		B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-25
Recoat time(hr)		0-6
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	16-18
Modulus (MPa)	ASTM D638	%100 elongation ≥10
		%300 elongation ≥15
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore D)	ASTM D2240	40-45
Hardness (Shore A)	ASTM D2240	85-90
Tear strength (N/mm)	ASTM D624	50-55
Taber abrasion (mg)	EN ISO 5470-1	<90 (H22, 1000 cycle)
Pull off strength (N/mm^2)	ASTM D4541	Concrete: ≥2,5 Steel: ≥6
Reaction to Fire Class	TS EN 13501-1+A1:2013-1,	B_{fl} S1

Features

Fire resistant system. 100% solid, VOC free, no odor. No catalyst. Fast reactivity and fast return to service time. Excellent thermal stability. Seamless and joint less coating with water resistance. Excellent adhesion on concrete, steel, aluminum, fibers, wood, geotextiles etc. Excellent flexibility. Temparature and moisture insensitive. Excellent chemical resistance. Very good impact and corrosion resistance. Very good tensile and structural strength. Variable application thickness possible. Broad color spectrum

Application Areas

Floors where fire retardant is necessary , industrial facilities, hospitals, factories, parking lots, garage, transportation. Construction - airports, line striping, ship decks, ship ports and canals. High abrasion applications – oil and gas industry, refineries, petrochemical industry, mining, secondary containment. Energy industry. Waste water treatment plants , tank coating, secondary storage tanks.

POLYUREA AS 1044

ANTI-STATIC POLYUREA

Very fast curing, two component, aromatic, flexible, pure polyurea system coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. This product is especially applied to surfaces to build up antistatic coatings to avoid risks of ignition due to electrostatic charge. It can be applied to areas where flammable liquids of danger classes are stored. For protecting and coating purposes, this product can be applied on materials like concrete, metal, wood, ceramic and PU foam. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

Technical Features

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
Color		Grey and any RAL color
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 16
Modulus (MPa)	ASTM D638	%100 elongation ≥10 %300 elongation ≥15
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore D)	ASTM D2240	40-45
Hardness (Shore A)	ASTM D2240	90-95
Thermal Resistance	--	-25 °C +120°C
Pull off strength (N/mm^2)	ASTM D 4541	Concrete: ≥2 Steel: ≥6
Surface resistance(ohm)	DIN IEC 61340	≤0,5*109 (fullfills the requirement for coating systems)
Abrasion resistance	EN ISO 5470-1	< 200 (H22, 1000 cycle)
Bond strength by pull-off	EN 1542	2,0 N/mm^2
Thermal Shock Resistance (200°C in 1 min.)	--	Resistant

Features

Antistatic coating. Fast reactivity and fast return to service time.Hardens just in 10 second. Fast application time; one worker can cover 1000m2 area in 2mm thickness in 1 day. 100% solid, VOC free, no solvents. Environmentally friendly. Excellent thermal stability (-25°C-120°C). Very good tensile and structural strength. Excellent chemical resistance. Long lasting (minimum 25 years). Excellent impact and abrasion resistance. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Excellent crack bridging properties. Temperature and moisture insensitive. Excellent corrosion protection. UV, chlorine and saltwater resistant.

Application Areas

Electric transformers. Thermal power plants. Manufacturing facilities and storage areas. Schools. Industrial cold rooms. Laboratories. Hospitals and operating rooms. Parking lots and garages. Oil and gas industry.

POLYUREA FX 1044

ENHANCED FLEXIBILITY

Very fast curing, two component and elastomeric pure polyurea system. In addition to having basic properties of polyurea systems properties, it has a lot more elasticity to be able to use where elasticity is essential like in metal roof and geotextile coatings. It can be used with confidence in both interior and exterior applications. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

Technical Features

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	20-30
Tack free time (sec)	--	60-90
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm^3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 10
Modulus (MPa)	ASTM D638	%100 elongation ≥3
		%300 elongation ≥5
Elongation at break (%)	ASTM D638	≥500
Hardness (Shore A)	ASTM D2240	70-75
Pull off strength (N/mm^2)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6

Features

Excellent flexibility and elongation. Fast reactivity and fast return to service time. Seamless coating. 100% solid, VOC free, no solvents. Environmentally friendly. Very good tensile and structural strength. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Excellent crack bridging properties. Temperature and moisture insensitive. UV, chlorine and saltwater resistant. Variable application thickness is possible. Broad color spectrum.

Application Areas

General waterproofing applications where high flexibility necessary as: Pools and storage tanks. Roofs, terraces and garages. Geotextile coating. Decorative applications. Water and amusement parks.

POLYUREA PA 1070

POLYASPARTIC SOFT (TOPCOAT)

Two component, rapid curing, UV resistant, Excellent color stable new generation polyaspartic based polyurea surface coating system for both decorative and protective applications. On account of the UV and color fast properties, it is ideal for use as thin layer coating and clear topcoat sealer for surface protection on existing coating systems. After the product is completely cured, it forms a glossy, smooth top layer with high scratch, abrasion and chemical resistance. Polyaspartic system can be applied in a single or multiple coats by roll, brush or squeegee to a variety of substrates including concrete and metal.

Technical Features

	Method	Datas
Chemical structure		A: HDI Prepolymer B: Amine Resin
Mix ratio (by weight)	--	40:60 (A:B)
Consumption (g/m²)	--	150-200
Recommended thickness (µm)	--	150-200
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	95
Gel time (min)	--	30-35*
Tack free time (min)	--	60-70*
Pedestrian traffic time (hr)	--	3-4*
Full cure time (day)	--	7*
Tensile strength (MPa)	ASTM D638	> 9
Elongation at break (%)	ASTM D638	>100
Hardness (Shore A)	ASTM D2240	65-70

*Drying time is temperature, humidity and film thickness dependent.

Features

Excellent UV light resistance. Long working and gel time. Fast reactivity and cure time (applicable to pedestrian traffic after 3-4 hours). Rapid return to service (return to service in 24 hours). Easy application and spreading. Excellent adhesion to concrete and metal substrates. High abrasion, impact and corrosion resistance. Excellent chemical resistance. Resistant to chlorine and saltwater. High hydrolysis resistance. Perfect thermal stability. Available in transparent and several RAL colours.

Application Areas

As top layer over polyurea coatings where UV resistance and color stability is required. Clear sealer over decorative concrete surfaces. Swimming pools, terraces and garage floors. Restaurant and hospital flooring. Water parks, amusement parks and decorative applications.

POLYUREA PA 1005

POLYASPARTIC HARD (TOPCOAT)

Two component, rapid curing, UV resistant, Excellent color stable new generation polyaspartic based polyurea surface coating system for both decorative and protective applications. On account of the UV and color fast properties, it is ideal for use as thin layer coating and clear topcoat sealer for surface protection on existing coating systems. After the product is completely cured, it forms a glossy, smooth top layer with high scratch, abrasion and chemical resistance. Polyaspartic system can be applied in a single or multiple coats by roll, brush or squeegee to a variety of substrates including concrete and metal.

Technical Features

	Method	Datas
Chemical structure		A: HDI Prepolymer B: Amine Resin
Mix ratio (by weight)	--	60:40 (A:B)
Consumption (g/m²)	--	150-200
Recommended thickness (µm)	--	150-200
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	95
Gel time (min)	--	30-35*
Tack free time (min)	--	50-60*
Pedestrian traffic time (hr)	--	3-4 *
Full cure time (day)	--	7*
Min. recoat time (hr)	--	2*
Max. recoat time (hr)	--	24*
Tensile strength (MPa)	ASTM D638	>30
Elongation at break (%)	ASTM D638	4-6
Hardness (Shore D)	ASTM D2240	65-70
Abrasion resistance (mg)	EN ISO 5470-1	<15 (H22, 1000 cycle)

*Drying time is temperature, humidity and film thickness dependent.

Features

Excellent color stability and gloss retention. Excellent UV light resistance. Long working and gel time. Fast reactivity and cure time (applicable to pedestrian traffic after 3-4 hours). Rapid return to service (return to service in 24 hours). Easy application and spreading. Excellent adhesion to concrete and metal substrates. High abrasion, impact and corrosion resistance. Excellent chemical resistance. Resistant to chlorine and saltwater. High hydrolysis resistance. Perfect thermal stability. Available in transparent and several RAL colours.

Application Areas

As top layer over polyurea coatings where UV resistance and color stability is required. Clear sealer over decorative concrete surfaces. Swimming pools, terraces and garage floors. Industrial and commercial flooring. Restaurant and hospital flooring. Water parks, amusement parks and decorative applications. Aircraft hangers. Deck coatings. Wind energy plants.

2K SPRAY FOAM

2K polyurethane foam system which is designed for spray applications. The material must be applied with a high pressure plural component spray polyurethane machine. Mobile application of system has advantages in construction site and high building applications. Because of spray and on-site application, it takes the shape of the surface and because of that property it can be applied any type of area and surface.

Application Areas

Generally application is done with 25-50 kg/m3 density polyurethane systems. Since it prevents bacteria growth and it is approved for food contact, specially can be applied for food storage tank insulation and animal shelters. Based on DIN 4102-1 standard can be classified as B2 fire resistance class.

Features

Its main application areas are; poultry farms, cold storage tanks, terraces, roofs, basement ground floors, ceilings, external walls insulation, ground insulation.

Technical Properties

CHEMICAL- PHYSICAL CHARACTERISTICS

	Unit	Polyol Blend	Isocyanate
OH Value	MgKOH/g	260-280	
NCO Content	%		30-31
Viscosity (25 °C)	mPa.s	220-260	220-250
Specific Gravity (20°C)	g/ml	1,12	1,23

TEST VALUES

	Weight Ratio	Volumetric ratio
Polyol blend	100	100
Isocyanate	110	100
	Unit of Meas.	**Value**
Cream time	sec.	3-4
Gel Time	sec.	6-8
Tack Free Time	sec.	8-10
Density	kg/m³	29-31

Product Code	Density
SPR 225	24-26 kg/m³
SPR 230	29-31 kg/m³
SPR 235	34-36 kg/m³
SPR 240	39-41 kg/m³

Package

Product Code	Stock Code	Type	Volume	Box
SPR 225	RFSP225220	Yellowish	470 kg set (250+220kg)	1
SPR 230	RFSP230220	Yellowish	470 kg set (250+220kg)	1
SPR 235	RFSP235220	Yellowish	470 kg set (250+220kg)	1
SPR 240	RFSP240220	Yellowish	470 kg set (250+220kg)	1

CE
EN 14315-1:2013

SPR 210 2K SPRAY FOAM

Spray-in-place, two-component, low density, open celled, 100% water-blown polyurethane foam. It barricades the indoors from the outside climate, creating thermal, air and moisture isolation.

Application Areas

Wall cavities
Floor assemblies
Ceiling assemblies
Roof assemblies (interior)
Attics (vented and unvented)
Crawl spaces (vented and unvented)

Features

It provides a continuous, protective air barrier that helps to minimize air intrusion, and provides exceptional performance in the reduction of heat transfer.

Technical Properties

CHEMICAL- PHYSICAL CHARACTERISTICS

	Unit	Polyol Blend	Isocyanate	Test Method
NCO Content	%		30-31	ASTM D 5155
Viscosity (25 0C)	mPa.s	1700±200	220-250	ASTM D 4878
Specific Gravity (200C)	g/ml	1,02±0,01	1,23±0,03	ASTM D 891

TEST VALUES

	Weight Ratio	Volumetric ratio
Polyol blend	100	100
Isocyanate	113	100
	Unit of Meas.	**Value**
Cream time	sec.	3-5
Gel Time	sec.	5-8
Tack Free Time	sec.	8-10
Density	kg/m³	8-10

Package

Stock Code	Type	Volume	Box
SPR210	Yellowish	470 kg set (250+220kg)	1

CE
EN 14315-1:2013

SPR 230-S

CLOSED CELL, SMOOTH SURFACE, RIGID SPRAY PU FOAM

Two component (polyol - isocyanate), rigid spray polyurethane foam system with closed cell structure which is applied with high pressure and heated special spray machines for heat insulation purpose. Due to its smooth surface, the waterproofing material consumption to be applied on it decreases about 25-40%.

Application Areas

Foundation and curtain concrete, floor, roof, wall.

Features

Two component. Closed cell structure. B2 (E) fire reaction. Easy and high application speed (~ 1000 m^2 per day). Less water insulation material consumption due to smooth surface. Seamless, no heat bridge. Self-adhesive properties on many surfaces (concrete, wood, metal etc.). Does not grow insect and fungus. Excellent thermal insulation for a long time (70-80 years). High energy saving. Water vapor permeability. Excellent mechanical properties. Low storage and transportation cost. Partial sound insulation.

Technical Properties

Component Properties

	Unit	B Component	A Component
Chemical Structure	-	Polyol Blend	Polymeric MDI
Physical Appearance	-	Liquid	Liquid
Color	-	Yellow	Brown
Density (20°C)	gr/ml	1,13 ±0,03	1,23 ±0,03
Viscosity (25 °C)	cps	230±30	220-250
NCO Content	%	-	30-31
OH Content	mgKOH/g	280-300	-

Finished Product Features

Test Name	Unit	Method	Data
Application Core Density	kg/m^3	-	> 40
Closed Cell Content	%	EN 4590	≥ 90
Fire Reaction	-	EN 13501	E
		DIN 4102	B2
Service Temperature	°C	-	-30 -100
Thermal Conductivity Coefficient	(W/m.K)	EN 12667	0,021

Reaction Parameters

	Unit	Data
Cream Time	sec.	3-4
Gel Time	sec.	5-7
Tack Free Time	sec.	7-9
Free Rise Density	kg/m3	30±1

** Tests were performed at 20-22 ° C under laboratory conditions.*

Package

Stock Code	Type	Volume	Box
SPR230-S	Yellowish	470 kg set (250+220kg)	1

CE
EN 14315-1:2013

SLR 230/235/240

AKFIX SLR 230 / 235 / 240 is a polyol mixture that contains catalyst, blowing agent and additives. It is used for solar water heater and boiler insulation. Because of its excellent bonding strength, it can adhere to metal with no adhesive.

Application Areas

Hot water tank of solar energy system
Boiler

Features

B2 fire class
Closed cell structure
High adhesion strength for metal surface
Free rise density choice between 30 kg/m3 – 40 kg/m3
No thermal bridge, seamless
Have lowest value than other materials

Technical Properties

CHEMICAL- PHYSICAL CHARACTERISTICS

	Unit	Polyol	Isocyanate
Colour	-	Amber	Dark Brown
Viscosity (25 °C)	mPa.s	600±150	150-260
Specific Gravity (25°C)	g/ml	1,13±0,01	1,24±0,01

TEST VALUES

	Weight Ratio	Volumetric ratio
Polyol blend	100	100
Isocyanate	110	100
	Unit of Meas.	**Value**
Cream time	sec.	20-25
Gel Time	sec.	80-100
Tack Free Time	sec.	110-130
Density	kg/m³	29-31

Product Code	Density
SLR 230	29-31 kg/m³
SLR 235	34-36 kg/m³
SLR 240	39-41 kg/m³

Package

Stock Code	Type	Color	Volume	Box
RFSL230220	AKFIX SLR 230	Yellowish	470 kg set (250+220kg)	1
RFSL235220	AKFIX SLR 235	Yellowish	470 kg set (250+220kg)	1
RFSL240220	AKFIX SLR 240	Yellowish	470 kg set (250+220kg)	1

PUR PRIMER 90 PU PRIMER

Features

- Excellent adhesion to absorbent surfaces.
- Highly elastic to meet surface movements.
- Easy application (by roller or airless gun).
- Resistant to accumulated water and frost.
- Economical.

Application Areas

It can be used as a primer especially for concrete surfaces before application of polyurethane based waterproofing membranes and sealants like Akfix 450

Available Sizes

Package : 15kg

PRIMER 80 MOISTURE TOLERANT EPOXY PRIMER

Features

- Excellent adhesion to damp concrete surfaces.
- Easy application
- Perfect resistance to water, freeze, humidity and harsh weather conditions.
- Can be used indoor and outdoor applications.
- Economical.

Application Areas

It can be used before polyurea, polyurethane and epoxy coating applications for humidity and water vapor prevention on damp concrete surfaces.

- To avoid osmosis bubbles that formed via the effect of the pressure from the negative side.

Available Sizes

Component A : 15 kg
Component B : 5 kg

PRIMER S80 STANDARD EPOXY PRIMER

Features

- Excellent adhesion to damp concrete surfaces.
- Easy application
- Perfect resistance to water, freeze, humidity and harsh weather conditions.
- Can be used indoor and outdoor applications.
- Economical

Application Areas

It can be used before polyurea, polyurethane and epoxy coating applications for humidity and water vapor prevention on damp concrete surfaces.

- To avoid osmosis bubbles that formed via the effect of the pressure from the negative side.

Available Sizes

Component A : 15 kg
Component B : 5 kg

PRIMER M80 EPOXY PRIMER FOR METAL

Features

- Excellent adhesion to metal surfaces
- Protect metal from corrosion
- Resistant to acids, bases, oils, gasoline, solvents and salt water
- Perfect resistance to water, freeze, humidity and harsh weather conditions
- Easy application
- Can be used indoor and outdoor applications
- Long working time and pot life

Application Areas

Akfix Primer M80 designed as an anticorrosive & anti-rusting primer on iron and steel substrates prior to the application of waterproofing membranes and coatings.

- Application examples include protection of silos, steel bridges, fences, metals roofs, pipes, reinforcement bars etc.

Available Sizes

Component A : 15 kg
Component B : 3 kg

PRIMER T80 TRANSPARENT EPOXY PRIMER

Features

- Low viscosity for maximum penetration
- UV stable, can be used outdoor applications
- Easy application
- VOC free and low odor
- Excellent adhesion to common substrate materials
- Excellent bonding for polyurea, epoxy and polyurethane coating finishes
- Seals pores and capillaries

Application Areas

- Primer coat for decorative resinous flooring systems
- Clear may be used as a primer coat over dyed or stained concrete
- General purpose primer for subsequent finish of coating products and flooring installation.
- Can be used either as a coating or filled with paint chips, marble chips and colored chips to provide color schemes or patterns

Available Sizes

Component A : 8kg
Component B : 4 kg

PRIMER W80 WATERBASED EPOXY PRIMER

Features

- Low viscosity for maximum penetration
- Easy application
- VOC free and low odor
- Excellent adhesion to common substrate materials
- Barrier properties against moisture and water
- Seals pores and capillaries
- Convenient recoat properties
- Can be used indoor and outdoor applications

Application Areas

- Primer before polyurea, polyurethane and epoxy coating applications
- General purpose primer and moisture vapour barrier beneath flooring installation onto porous substrates
- Primer for ceramic tiles
- To avoid osmosis bubbles that formed via the effect of the pressure from the negative side

Available Sizes

Component A : 3 kg
Component B : 2 kg

PRIMER WG80 WINTER GRADE EPOXY PRIMER

Features

- Excellent adhesion to damp concrete surfaces.
- Easy application
- Perfect resistance to water, freeze, humidity and harsh weather conditions.
- Can be used indoor and outdoor applications.
- Economical

Application Areas

- It can be used before polyurea, polyurethane and epoxy coating applications for humidity and water vapor prevention on damp concrete surfaces.
- To avoid osmosis bubbles that formed via the effect of the pressure from the negative side.

Available Sizes

Component A : 11 kg
Component B : 5 kg

PRIMER EP80 EMPRENYE EPOXY PRIMER

Features

- Low viscosity
- High penetration ability
- Ideal surface penetration before coating
- Low viscosity

Application Areas

- Impregnation primer that fill capillary pores on concrete surfaces
- Surface preparation primer for epoxy, polyurethane and polyurea floor coverings

Available Sizes

Component A : 21 kg
Component B : 3 kg

PU DF25 2K POLYURETHANE DILATATION FILLER

Self-leveling polyurethane sealant ideal for horizontal applications. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

Technical Features

BEFORE MIXING	
Component A (Base)	
Consistency	: Paste
Density	: 1.55±0.02 g/ml
Color	: White
Component B (Curing Agent)	
Consistency	: Liquid
Density	: 1.00±0.01 g/ml
Color	: Black
AFTER MIXING-CURING	
Mixing Ratio	: 2:1 A:B (by weight)
Basis	: Polyurethane
Colour	: Grey
Consistency	: Self-leveling
Density	: 1.35±0.02
Tack free time	: 60 min. (23°C %50 R.H)
Curing Rate	: min. 3 mm/day (23°C %50 R.H)
Elongation at Break	: ≥250% (ASTM D412)
Tensile Strength	: 0,75-1,0 N/mm² (ASTM D412)
Shore A - Hardness	: 25±5 After 28 days (ASTM C661)
Paintable	: Yes*
Application Temperature	: +5°C to +35°C

Features

Two component. Easy to mix. Fast cure. Self-leveling consistency, easy to apply in horizontal joints. Possesses permanent elasticity. High adhesion strength. Capable of ±25% joint movement. Paintable.

Application Areas

Used for sealing of horizontal joints. Interior and exterior. Expansion joints between many different construction materials. Industrial floors. Driveways/ Garages. Sidewalks.

JH1080 POLYUREA JOINT SEALANTS

Self-leveling, 100% solid, flexible, two component, 1:1 volumetric ratio, rapid curing polyurea elastomer joint and crack filler. Cures rapidly and consistently in applications ranging from -10°C to 50°C. Applications can be reopened to vehicle or foot traffic in 1 hour. Recommended time of cure of concrete minimum 30 days prior to installing joint filler or joint sealant.

Technical Features

	Method	Datas
Chemical structure		MDI Prepolymer Amine Resin
VOC content (%)	ASTM D-1259	0
Solid content (%)	ASTM D-2697	100
Gel time (min)	--	1-1,5
Tack free time (min)	--	3-5
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm³)	ASTM D-792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥9
Elongation at break (%)	ASTM D638	≥200
Hardness (Shore A)	ASTM D2240	80-88
Pull off strength (N/mm²)	ASTM D 4541	concrete: ≥2 steel : ≥5

Features

Concrete crack repair and joint filler on; Airports. Roofs. Parking lots and garages. Industrial facilities. Warehouse floors. Manufacturing facilities. Bottling and canning facilities. Food processing facilities. Cold storage facilities.

Application Areas

100% solid, VOC free, no solvents. Fast reactivity. Returns project to service in 60 Minutes. Temperature and moisture insensitvity. Excellent thermal stability. Very good tensile and structural strength. Resistant to petrochemicals and chemicals.

POLYUREA HM 80 HANDMIX POLYUREA

Akfix HM 80 is a superior hand mixable, self leveling, flexible, two component polyurea product with a retarded pot life. It is a high quality joint filler, coating and crack repair material in applications that are time critical. It works well in adverse temperature conditions and the application can be reopened to foot traffic in one hour. The product is ideal for use in cold storage facilities, freezers, and food processing plants where time and temperature are serious concerns.

Technical Features

	Method	Datas
Chemical structure	Iso component: Isocyanate (MDI) Prepolymer (A)	
	Amine component : Amine Resin (B)	
VOC content (%)	ASTM D-1259	0
Solid content (%)	ASTM D-2697	100
Gel time (min)	--	7-8
Tack free time (min)	--	10-11
Density (gr/cm3)	ASTM D-792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥15
Elongation (%)	ASTM D638	≥350
Hardness (Shore A)	ASTM D2240	85-90
Pull off strength (N/mm2)	ASTM D 4541	concrete: ≥2 steel : ≥5

Features

100% solid, VOC free, no solvents. Hand mixable and applicable. Fast reactivity. Return project to service in 60 minutes. Non sensitivity to temperature and humidity. Remains flexible in cold temperatures. Very good tensile and structural strength. Resistant to petrochemicals and chemicals.

Application Areas

Small repairs on existing polyurea. Concrete crack and repair. Concrete joint filler. As a floor coating on various places like. Airports. Parking lots and garages. Industrial facilities. Warehouse floors. Manufacturing facilities. Food processing facilities. Cold storage facilities.

REM301 EPOXY REPAIR MORTAR

Epoxy repair mortar; It is an epoxy based, two component, solventless, high impact and compression resistance, high abrasion resistant repair and mounting mortar. It has excellent adhesion force to concrete and steel. Due to its special formulation, it has a thixotropic structure that does not flow on vertical floors.

Technical Features

Chemical Structure	: A : Epoxy resin B: Epoxy hardener	
Colour	: Grey	
Mix ratio (by weight)	: 3:1 (A/B)	
Solid ratio	: 100 %	
Mixture density	: 1,68 gr/cm³	
Compression Strength	1 gün	: >40 N/mm²
	7 gün	: >85 N/mm²
Flexural Strength	1 gün	: >25 N/mm²
	7 gün	: >30 N/mm²
Adhesion Strength	Concrete	: >3 N/mm²
	Steel	: >3,5 N/mm²
Pot Life	: 50 min. (23°C and %50 R.H.)	
Foot Traffic	: 24 hrs. (23°C and %50 R.H.)	
Total Curing	: 7 days (23°C and %50 R.H.)	
Application Thickness	: Min : 0,5 mm. Max: 50 mm	
Application Temperature	: +10 °C ve +30 °C	

Features

Excellent adhesion force to concrete and steel. Does not contain solvent. High abrasion and impact resistance. High mechanical and chemical resistance. Can be applied without primer.

Application Areas

Industrial floors. Airport concrete runways. Repair of highways joints. Maintenance and repair marine strucrures. To fill gaps between the bridge supports and concrete columns with steel reinforcement. Surface repair before coating applications. Filling and repair of concrete building elements.

Aerosol
Products

www.AkFix.com

Creates Permanent Solutions

Scan QR code for product video.

A40 MAGIC

CORROSION INHIBITOR, LUBRICANT AND MULTI PURPOSE PROTECTOR SPRAY

Corrosion Inhibitor, Lubricant and Multi Purpose Protector aerosol Spray. It's special formula combines many properties such as cleaning, lubricating, loosening rusted part, driving out moisture. It can be used in industrial, home and daily labors.

- Ultimate Penetrating
- Loosens Rust
- Does Not Contain Silicone

Application Areas

In all fittings, door and window mechanisms, locks, handles, hinges. For annulling humidity on metallic surfaces of bikes, motorbikes, small motor vehicles, electronic contacts and other home tools such as drills, jigsaws, etc. For loosening and activating rusted and jammed mechanisms. Can be used as protective on surfaces vulnerable to water and rust. For dissolving adhesive materials like tar, gum, adhesive tapes etc. Can be used for cleaning and maintenance of weapons.

Features

Ultimate penetrating ability. Loosens rusted or corroded bolts, nuts, cables and any other fasteners. Greases and loosens door and window hinges, locks, and other fittings. Decreases frictions and stops squeaks of pedals, chairs, windows, faucets and hinges. Does not contain silicone and any dirt trap additives. Drives the moist out of the surface and dries it out thus provides longtime lubricating effect. Protects metal parts against rust. Provides maintenance by penetrating into surface and protects it against dirt. Dissolves tar, gum, adhesive etc. Permeates into grease and dirt and creates a protective film layer on the surface.

Technical Properties

Form	: Aerosol
Colour	: Yellowish
Water solubility	: Insoluble

Package

Stock Code	Type	Volume	Box
YA420	-	200 ML	24/96
YA440	-	400 ml	24/48

A60

ELECTRICAL CONTACT CLEANER

A product designed to remove flux and other surface contaminants. The product evaporates quickly from the surface without leaving any residueBut protective layer. It is designed for cleaning grease, dirt etc. from electric, electronic equipment.

- Quickly Effects
- Non-Conductive, Non-Corrosive,
- Evaporates Quickly

Application Areas

Calculators. Computers. Digital Equipment. Electronic Ignitions. Navigation. Equipment. Printed Circuits. Radars. Radios. Switches and Relays. Circuit breakers. Alarm and signal systems. Terminals. Plugs and sockets.

Features

Fast cleaning action for removal of flux traces, light oils, finger prints and other contaminants. Periodic planned application prolongs the life expectancy of components. Non-conductive and non-corrosive. Evaporates completely, with a very thin protective layer. Safe for all metal surfaces, most rubbers, plastics and coatings. It is recommended to be tested on sensitive plastics, adhesive-mounted or stressed parts. Convenient to use 360° (upside-down).

Technical Properties

Form	: Aerosol
Appearance	: Clear colorless liquid
Specific gravity	: 0,802
Color	: Colorless
Odor	: Solvent

Package

Stock Code	Type	Volume	Box
YAE60	-	400 ML	12

A70

PENETRATING OIL SPRAY

High performance penetrating oil enriched with MoS2.

- Excellent Penetrating
- Protects
- Enriched With MoS_2

Application Areas

Seized and rusted nuts and bolts. Locks and hinges. Screwed parts. Equipment disassembly. Corroded fasteners. Valves. Air tools. Chains and conveyors. Agricultural equipment.

Features

Excellent penetrating capability. Penetrates into hard-to-reach areas quickly. Loosen rusted parts and form a protective layer between metal surfaces. Diminish friction. Remove water and protects against moisture. Protects metal parts and surfaces from corrosion. Eases quick disassembly of mechanical components, fittings, assemblies, nuts and bolts and other close tolerance fasteners. Leaves a solid lubricating MoS2 film. Reduces wear and facilitates future disassembly. MoS2 reduces friction even elevated temperatures.

Technical Properties

Basis	: Solvent and oil mixture with MoS2
Appearance	: Black colored liquid
Specific gravity	: 0,77±0,03 gr/cm3
Odor	: Characteristic

Package

Stock Code	Type	Volume	Box
YA020	-	200 ML	24
YA040		400 ml	12

A80

SILICONE LUBRICANT

Silicone based mould release agent. It shows perfect performance even at very high temperatures.

- Anti-Static and Anti-Corrosive
- Non-Toxic
- Silicone Based

Application Areas

As a cleaner and mould release agent in textile, plastic and rubber industries. Windshield wiper linkage. Interior hinges, slides or springs. Snow blower chutes.

Features

Due to its silicone content, provides long working life at high temperatures. Lubricates to reduce friction and eliminate squeaks in all, types of mechanical parts. The product repels water, protects and renews rubber surfaces. Anti-static and anti-corrosive. Does not leave residues. Insoluble in water. Non-toxic.

Technical Properties

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 0,98 gr/cm^3
Odor	: Characteristic
Flash Point	: N/A

Package

Stock Code	Type	Volume	Box
YA140	-	400 ML	12

Scan QR code for product video.

A90

ANTI SPATTER SPRAY

High performance penetrating oil enriched with MoS2.

- Anti-Adhesion Product For Arc Welding
- Suitable For Protecting Nozzles, Weld Units And Tools
- Not Flammable After Evaporation Of Solvent

Application Areas

Nozzles and shrouds. Torches. Workpieces and parts. Jigs. Automatic and semi-automatic welding. Welding robots.

Features

Anti-adhesion product for arc welding. Prevents the adhesion of “projections” on all treated surfaces. Suitable for protecting nozzles, weld units and tools. Non flammable after evaporation of the solvent.

Technical Properties

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 0,98 gr/cm^3
Odor	: Characteristic
Flash Point	: N/A

Package

Stock Code	Type	Volume	Box
YA240	-	400 ML	12

Scan QR code for product video.

A104

LABEL & STICKER REMOVER

Natural orange oil extract developed for removing labels and stickers nice and easy. It can also be used as the ultimate degreaser because of its superficial solving power.

- Quick And Easy Application
- Safe to Use
- Citrus Smell

Application Areas

Safe to use on windows, leather, vinyl, fabric, auto bodies, painted surfaces, tools, plastic, metal and wood.

Features

Directly penetrates to the surface and quickly dissolves adhesive residue from glass and painted surfaces. An easy solution for removing window stickers, bumper stickers, residue from tape, markers, crayons, lipstick, metal parts, motors, tools, printing presses and concrete and others. Safe to use on all nonporous automotive surfaces, metal, paint, bumpers, plastic, and glass windows. Does not damage automotive paint. Can be used to clean the annoying residue from sticky labels. Aerosol spray can allows quick and easy application. Works on many surfaces and has pleasant citrus scent. It also does not contain any CFC propellants, does not damage paintwork or plastics and can be applied to larger areas in minimal time.

Technical Properties

Basis	: Citrus Extract
Consistency	: Liquid
Appearance	: Clear to yellow
Specific Gravity	: 0,78 gr/cm^3
Odor	: Mild Citrus
Flash Point	: 24°C
Boiling Point	: N/A

Package

Stock Code	Type	Volume	Box
YAC104	-	200 ML	24

Automotive

Repair, Care, Protective Products

www.Akfix.com

Creates Permanent Solutions

WINDSHIELD ADHESIVE

AST POLYMER

Provides quick drive-away time and easy application without pre-heating for vehicles. It is an isocyanate-free, thixotropic, high modulus windshield adhesive based on AST Polymer technology.

- Secure Vehicle Wndshields Without Pre-Heating
- High Modulus

Application Areas

Ideal for glass replacement in automotive repair, such as windshields, rear glass, side glass and other stationary glass. Sealing and bonding of sunroof applications. Suitable for metal, steel, aluminum, glass, copper, zinc and fiberglass.

Features

Flexible, secure sealing of vehicle windshields. Primerless application. Eco-friendly, free from isocyanate, solvent, acids and halogens. Very low VOC content. High and quick initial adhesion. One component, easy to apply, without the need of pre-heating. Fast curing, low odor, high modulus and non-sag properties.

Technical Properties

Chemical Base	: MS Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, Black
Tack Free	: 15-20 min (23°Cand %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55 ±5
Elongation at Break %(ISO 37)	: ≥ % 300 Volume Loss : < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: Min. 3,5 N/mm^2
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

Package

Stock Code	Type	Volume	Box
AMS253	Black	290 ml	12
AMS353	Black	600 ml	12

AST AKKIM SMART TECHNOLOGY

SHORE **A55**

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

Scan QR code for product video.

PU WINDSHIELD ADHESIVE

One component, moisture curing polyurethane based adhesive for direct glazing in AUTOMOTIVE GLASS REPLACEMENT.

- High Modulus
- High Mechanical Performance
- High Initial Bond Strenght

Application Areas

It is especially useful in bonding windshield glass into automotive frames.

Features

One component formulation. Good non-sag properties. Short cut-off string. Cold application. Fast curing – Rapid strength development. High mechanical performance. High Modulus. High initial bond strength. Can be overpainted.

Technical Properties

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,13±0,03 g/ml	
Tack free time	: 50±10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3,5 mm/day (23°C and 50% R.H)	
Sagging	: 0 mm	(EN ISO 7390)
AFTER CURING		
Hardness Shore A	: 55-60 After 28 days	
Paintibility	: Yes *	
Elongation at break	: Min. 300%	(ASTM D412)
Tensile Strength	: Min. 4 N/mm2	(ASTM D412)

Package

Stock Code	Type	Volume	Box
AA155	Black	300 ml	12
AA160	Black	600 ml	12

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

SHORE **A55**

PRIMER

PU WINDSHIELD

Black primer specifically designed for the ceramic band on vehicle glass. It ensures the complete protection of the adhesive by creating a barrier against harmful UV rays which can lead to the degradation of the adhesive. It is also an adhesion promoter.

- "Promotes Adhesion Power Significantly"
- Fast Drying

Application Areas

For the treatment of bond faces prior to application of PU Windshield Adhesive. Can also be used as a general purpose primer which is used to promote adhesion to glass.

Features

One component. Fast drying. Protects urethane from harmful ultraviolet rays. Promotes urethane adhesion to automotive glass.

Technical Properties

Appearance	: Liquid
Colour	: Black
Odour	: Characteristic of solvent
Curing Mechanism	: Moisture-Curing
Specific gravity	: 0,95 gr/cc
Minimum drying time	: 3' at 23°C and 50% r.h
Maximum drying time	: 24h at 23°C and 50% r.h
Application temperature	: +10°C to +35°C

Package

Stock Code	Type	Volume	Box
AA125	Black	250 ml	12
-	Black	1000 ml	12

FAST CURE PU WINDSHIELD ADHESIVE

One component, moisture curing polyurethane based adhesive for direct glazing in AUTOMOTIVE GLASS REPLACEMENT.

- High Modulus
- High Mechanical Performance
- Fast Curing

Application Areas

It is especially useful in bonding windshield glass into automotive frames.

Features

One component formulation. Good non-sag properties. Short cut-off string. Cold application. Fast curing – Rapid strength development. High mechanical performance. High Modulus. High initial bond strength. Can be overpainted.

Technical Properties

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1.35 g/ml	
Tack free time	: 25±5 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3,5 mm/day (23°C and 50% R.H)	
Sagging	: 0 mm	(EN ISO 7390)
AFTER CURING		
Hardness Shore A	: 55-60 After 28 days	
Paintibility	: Yes *	
Elongation at break	: Min. 400%	(ASTM D412)
Tensile Strength	: Min. 4.5 N/mm²	(ASTM D412)

Package

Stock Code	Type	Volume	Box
AA156	Black	300 ml	12
AA161	Black	600 ml	12

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

SHORE **A55**

R75

SPRAYABLE SEALANT

Multipurpose one component high performance AST Hybrid polymer based adhesive and sealant for general industry, assembly and automotive car body repair.

- Good mechanical properties
- Non corrosive towards metals
- Free of isocyanate and silicone

Application Areas

Suitable for direct spray applications as surface adhesive or for beading applications as seam adhesive and sealant. Sealing of welded and overlap seams in the construction and automotive industry. Elastic bonding between metal, plastic, glass and other materials. For coating inside car wings, boots and bonnets and even as underbody coating. For prevent corrosion and damp acoustic vibrations as well as mechanical damages.

Features

Remains flexible without bubbling, shrinking or cracking. Excellent adhesion to metals, primers and top coats. Resistant to ageing, moisture, weathering and UV. Spotweldable if not cured. Does not require preheating. Good mechanical properties. Non corrosive towards metals. Free of isocyanate and silicone. Good paint compability. Optimal working time. Direct to metal. Sag resistant.

Technical Properties

Chemical Base	: Hybrid AST Polymer
Curing System	: Moisture
Density	: 1,36±0.03 gr/ml
Tack Free	: 25 ±5 min (23°C and %50 R.H)
Curing Rate	: ~ 2,75 mm / 24 h (23°C and %50 R.H)
Shore A Hardness	: 55 ±5
Elongation at Break %	: ≥ 200 (ISO 37)
Volume Loss	: < %3
Tensile Strength	: ≥ 2,00 N/mm² (ISO 37)
Heat Resistance	: -40 °C in +100 °C
Application Temperature	: +5 °C in +40 °C

Package

Stock Code	Type	Volume	Box
??	Grey / Beige / Black / White	290 ml	12
??	Grey / Beige / Black / White	600 ml	12

HT300

GASKET MAKER RTV SILICONE

High-performance silicone sealant developed for sealing, bonding and repairing works where heat resistance is required. It is an ideal sealant for high temperature construction applications. It reacts with atmospheric moisture to produce a tough, elastic silicone.

- Resists Heat Up To 300°C
- Exceptional Resistance to Temperature Extremes
- 100% Silicone, Solventless

Application Areas

Sealing and bonding applications in automotives. On heating systems and ovens for sealing/ tightness. Sealing and bonding in stoves. In heating devices. Gaskets in pumps and motors. In sealing chimneys. Other bonding and sealing applications where parts must perform at high temperatures.

Features

Excellent heat resistance after curing up to 250 °C permanently and up to 300 °C temporarily. Acetoxy cure, RTV silicone. 100% silicone. Fast cure, high strength. Resists to mechanical enforcement after curing. Remains flexible at low (-40 °C) and high (+250 °C) temperatures. Will not crack, shrink or become brittle. One component. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

Technical Properties

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.05± 0.03 g/ml	
Hardness Shore A	: 24-30 (after 28 days)	
Tensile Strength	: ≥ 1,5 N/mm2 (23°C and 50% R.H)	(ASTM D412)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D412)
Elastic Recovery	: ≥ 60%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -40°C to +300°C	
Application Temperature	: +5°C to +40°C	

Package

Stock Code	Type	Volume	Box
SA075	Red	310 ml	24
SA073	Black	310 ml	24
SA133	Black	85 gr	20
SA135	Red	85 gr	20
SA137	Blue	85 gr	20
SA136	Grey	85 gr	20
SA113	Black	50 gr	24
SA215	Red	50 gr	24
SA875	Red	80 ml	36
SA873	Black	80 ml	36
SA876	Grey	80 ml	36

A114

CARB & CHOKE POLISH FOAM

Product especially developed for improving carburetor performance without disassembling. Designed for cleaning visible carburetor and choke deposits such as sludge, gum and varnish.

- Maximum Fuel Economy
- Powerful Cleaning
- Doesn't Leave Sticky Residue

Application Areas

Gasoline and fuel-injection engine, Carburetor visible parts, Heat Risers, Throttle and choke, Positive Crankcase Ventilating System, Automatic Chokes, Exhaust Gas Recycling Valve (EGR), Crankcase Breather Element, Cleaning intake air valves and idle valves, General Purpose Cleaner For Non-Painted Surfaces.

Features

Maximizes carburetor and fuel system performance to ensure maximum fuel economy. Ideal for all kind of automobile, truck and marine engines. Doesn't leave sticky residue. Effectively cleans clay, gum and varnish. Especially developed for improving carburetor performance without disassembling. Doesn't harm oxygen sensors or catalytic converters. Doesn't contain any harmful gas to the ozone layer. The aerosol can be used at 360 degrees and provides a powerful cleaning feature and offers the advantage of easily cleaning the carburetor and throttle.

Technical Properties

Form	: Aerosol
Color	: Colorless Liquid
Specific Gravity	: 0,824 gr/ml
Odor	: Solvent
Shelf Life	: 24 months

Package

Stock Code	Type	Volume	Box
A114	-	500 ml	12

Scan QR code for product video.

A110

BRAKE AND CLUTCH CLEANER

Powerful cleaning aerosol is used to remove oil, grease, dirt and dust from brakes and clutches, aiding in the elimination of brake squeal and clutch slip caused by glazing and contamination. Brake cleaner helps brakes last longer and perform better.

- Excellent Penetration
- Non-Staining
- Non Corrosive To Metals

Application Areas

Perfect for cleaning and degreasing:

- Brake linings
- Cylinders
- Disc brake pads
- Wedge brakes
- Calipers
- Drums
- Brake shoes
- Discs
- Springs
- Clutch discs

Features

Effectively removes the deposits like leaking brake fluid, grease, oil and hardened contaminations. Eliminates dust from brake and clutch parts. Reduces disc-brake squeal and clutch chatter. Can be applied without disassembly, saving time and reducing maintenance costs. Evaporates quickly. Leaves no residue. Excellent penetration. Stable, non-staining and non-corrosive to metals. Aerosol is equipped with a 360° (upside-down) spray valve and extension tube for added convenience.

Technical Properties

Form	: Liquid aerosol
Appearance	: Transparent
Specific gravity	: 0,72±0,02 gr/cm3
Odor	: Characteristic
Flash Point	: N/A

Package

Stock Code	Type	Volume	Box
YA350	-	500 ml	12
YA330	-	30L	1

Scan QR code for product video.

A107

TYRE REPAIR KIT

Eliminates the need for an immediate tyre change, sealing and inflating your tyre within seconds.

- Water Based
- Can Be Cleaned Easily
- Does Not Harm The Tyre Valve

Application Areas

No need for lifting- jack or any other tools. Finds the hole in the tyre and seals it. Water based. Can be cleaned easily with the water after application. Does not harm the tyre valve. Instantly repairs punctured tyres, without removing the wheel. Inflates the tyre (up to a pressure of 1,2 to 2,5 bar), so the vehicle can be ride after the application at a moderate speed. Harmless to tyres and wheels.

Features

For cars, motorcycles, caravans and trailers. For tubeless tyres or tyres with inner tubes.

Technical Properties

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 1 gr/cm^3
Odor	: Characteristic
Flash Point	: N/A
Solid content	: %50

Package

Stock Code	Type	Volume	Box
OTV60	Aluminium Tube	300 ml	24

A117

TYRE CLEANER & POLISH FOAM

Specially developed for cleaning, treating and protecting tyres as well as enhancing their appearance in one process. Enhances the appearance of weathered tires by restoring the rubber surface

- Easy To Use
- No Flammable Solvent
- Cleans And Cares

Application Areas

Suitable to use on all kind of vehicle tires like bicycles, motorcycles, automobiles, minibuses, buses, trucks, lorries etc.

Features

Easy to use. Does not contain flammable solvents. Non-acid formula. Self-acting foam removes residues and dirt. Makes tires look like new. Cleans and cares.

Technical Properties

Form	: Aerosol liquid
Appearance	: White Foam
Density at 20°C	: 0,928 g/cm³
Odor	: Characteristic
pH	: 8-9
Shelf Life (20°C)	: 24 months

Package

Stock Code	Type	Volume	Box
OTC70	-	500 ml	12

Scan QR code for product video.

A115

ENGINE CLEANER

Excellent product developed against engine oil, grease and stubborn dirt.

- It Doesn't Damage Any Parts In Engine
- Cleans And Cares
- Harmless For Electronic Circuits

Application Areas

Car Engines, Motorcycles, Machines, It is suitable for all types of engines, such as lawn mowers.

Features

It doesn`t damage any parts in engine. Provides a brilliant view and protection to the engine besides the cleaning. Thanks to its superior content, it offers to penetrate and remove the stubborn dirt, oil and grease on the engine. Contain ozone-friendly propellants that do not harm the environment. Harmless for electronic circuits. It easily reaches, penetrates and cleans the most difficult areas. Does not damage rubber, plastic and painted surfaces. Does not contain silicone. It contains citrus essences.

Technical Properties

Form	: Aerosol
Color	: Clear
Odor	: Light citrus
Specific Gravity	: 0,758 g/cm^3

Package

Stock Code	Type	Volume	Box
OEC40	-	500 ml	-

A120

ANTI GRAVEL CAR UNDERBODY PROTECTION

A modified alkyd resin-based surface protectant, especially developed for the protection of areas where automobiles and commercial vehicles can be exposed to various impacts such as stone bumps.

- Designed For Self Repair Of Your Common Automobile Parts
- Usable In Vertical Position
- Very High Wear Resistance

Application Areas

Can be applied on steel, aluminum, galvanized surfaces, stainless steel, plastic and epoxy coated surfaces. Protecting the wheel wells, rocker panels and undercarriage from inevitable wear and keeping the original appearance.

Features

Creates a hard, textured surface that prevents chips and abrasions from stones and impurities. Compatible with OEM textures. Very high wear resistance. Suitable for oven drying. Easy sanding after drying.

Technical Properties

Chemical Structure	: Modified Alkyd Resin
Density	: 0,97 g/cm^3
Surface Dry Time	: 1 hour
Color	: Black, White, Grey

Package

Stock Code	Type	Volume	Box
YGS121	White	1 kg	6
YGS122	Black	1 kg	6
YGS125	Grey	1 kg	6

AUTOMOTIVE REPAIR, CARE PROTECTIVE PRODUCTS

Spray Paint
Products

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Creates Permanent Solutions

SPRAY PAINT

Designed for numerous application possibilities. Special spray system, which is even used by famous graffiti artists. Available in a broad range of the best-selling colours, mainly matching to RAL.

- Excellent Adhesion
- Indoor/ Outdoor Applications
- Quick-Drying

Application Areas

Suitable for wood, metal, paper, glass or paintable hard plastics as well as for many textiles for any variety of designing applications. Also applicable for the designing of finery, concrete and natural stone.

Features

Very good coverage. Excellent adhesion on many surfaces. Good flow, smooth surface. Quick-drying. Suitable for indoor and outdoor applications. The surface is polishable. Weather-resistant, light-proof, UV-resistant. Scratch-, shock- and impact-resistant. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

Technical Properties

Color	: Diverse	
Smell	: Solvent	
Degree of gloss : Glossy	: 80 gloss units Matt: 5-10 gloss units	DIN 67530
Efficiency	: 0.8-1.5 m^2 * (depending on colour) (400 mL)	
Drying time (20 °C and 50% R.H)	: Approx. 10 minutes (Dust-dry) Approx. 15 minutes (Non-sticky) Approx. 30 minutes (Dry to touch) Approx. 2 hours (Cured) Approx. 24 hours (Can be polished)	
Temperature resistance	: Up to 80°C	

Package

Stock Code	Color	Volume	Box
423130	Ral 1003 Gloss Yellow	400 ml	6
423178	Ral 1015 Gloss Cream	400 ml	6
-	Ral 2008 Gloss Orange	400 ml	6
423161	Ral 3002 Glossy Machine Red	400 ml	6
423024	Ral 3020 Gloss Red	400 ml	6
-	Ral 4003 Gloss Pink	400 ml	6
-	Ral 4005 Gloss Purple	400 ml	6
-	Ral 5002 Gloss Blue	400 ml	6
423031	Ral 5017 Gloss Blue	400 ml	6
423057	Ral 6005 Moss Green	400 ml	6
423185	Ral 6016 Gloss Green	400 ml	6
423053	Ral 7001 Silver Grey	400 ml	6
423056	Ral 7011 Iron Grey	400 ml	6
423109	Ral 7035 Gloss Grey	400 ml	6
423116	Ral 8017 Brown	400 ml	6
423017	Ral 9003 Gloss White	400 ml	6
423123	Ral 9003 Matte White	400 ml	6
422997	Ral 9005 Gloss Black	400 ml	6
423000	Ral 9005 Matte Black	400 ml	6
423154	Ral 9006 Wheel Aluminium	400 ml	6
423055	Metalic Silver	400 ml	6
423079	Glossy Clear Coat	400 ml	6

METAL MATT EFFECT SPRAY PAINT

Ideal for handicraft works on wood, metal, glass, cardboard and plants. Bronce Spray is particurlarly suitable for decorative indoor uses and indispensable for stand constructors, decorators, and flower-arrangers. Metal matt spray is also a good choice for handicraft work at home or in courses and seminars.

- Excellent Adhesion
- High Coverage
- Quick-Drying

Application Areas

For handicraft works on wood, metal, glass, cardboard and plants. Suitable for decorative indoor uses.

Features

Long-term high coverage and filling power. Excellent adhesion. Good flow, smooth surface. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat). Suitable for use on indoor objects. Resistant to water and common houshold cleansers. Effect of gloss can change by intense rubbing or wiping.

Technical Properties

Color	: Bonze, Gold
Smell	: Solvent
Degree of gloss	: at measurement angle 60° high gloss, not measurable, as over 100 (DIN 67530)
Efficiency	: approx. 1.2 m^2 (400 mL)
Drying time (20°C and 50% R.H)	: approx. 10 minutes (Dust-dry) 60 minutes (Dry to touch) approx. 24 hours (Cured)
Temperature resistance	: up to 80°C

Package

Stock Code	Type	Volume	Box
423086	Gold Effect Matt	400 ml	6
423048	Silver Effect	400 ml	6

METAL GLOSSY EFFECT SPRAY PAINT

Gives a long-term look similar to polished chrome and gold to smooth surfaces. Not weather-resistant. Not resistant to abrasion, therefore not suitable to spray on objects for daily use.

- Excellent Adhesion
- High Gloss
- Quick-Drying

Application Areas

Suitable for all smooth surfaces like metal, wood, glass and many coatable plastics. Indispensable for constructors of fair booths, decorators, florists etc., but also for handicrafts at home, in courses and seminars.

Features

Resistant to water and common houshold cleansers. Effect of gloss can change by intense rubbing or wiping. Colour of contents similar to cap. Very good coverage. Very high gloss. Excellent adhesion. Good flow, smooth surface. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

Technical Properties

Color	: Chrome, Gold
Smell	: Solvent
Degree of gloss	: Not measurable, >100 DIN 67530
Efficiency	: 1.2 m^2 * (400 mL)
Drying time (20 °C and 50% R.H)	: Approx. 10 minutes (Dust-dry) 60 minutes (Dry to touch) Approx. 24 hours (Cured)
Temperature resistance	: Up to 80°C

Package

Stock Code	Type	Volume	Box
423192	Gold Effect	400 ml	6
423062	Chrome Effect	400 ml	6

BUMPER SPRAY PAINT

Scratched and weathered bumpers are a thing of the past. It is used to repair and improve plastic bumpers while still maintaining the original structure. The spray can be directly applied to plastic surfaces without the need to primer and gives synthetic surfaces a silky shine.

- Long Lasting Brightness
- Excellent Coverage
- Quick-Drying

Application Areas

It can be used to repair and improve plastic bumpers while still maintaining the original structure. Suitable for decorative indoor uses. Gives synthetic surfaces a silky shine.

Features

Long-lasting shine and colour. Keeps the bumper's original structure. Scratch and shockproof. Easy to use. Fast drying time (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat. Excellent coverage. Excellent adhesion. Suitable for many other synthetic materials.

Technical Properties

Color	: Black
Smell	: Solvent
Degree of gloss	: Satin glossy, 30-35 gloss units DIN 67530
Efficiency	: Approx. 2 bumpers* (400 mL)
Drying time (20 °C and 50% R.H):	Approx. 20-30 minutes (Dust-dry)
	60 minutes (Dry to touch)
	approx. 24 hours (Over workable)
Temperature resistance	: Up to 110°C

Package

Stock Code	Type	Volume	Box
423208	Black	400 ml	6

INOX SPRAY PAINT

Designed for all lacquer finishes and repairs in the colour of stainless steel, for colour adaptations in the surrounding field of stainless steel surfaces (test the color!).

- Very Good Coverage
- Excellent Adhesion
- Quick-Drying

Application Areas

For all lacquer finishes and repairs in the colour of stainless steel, for colour adaptations in the surrounding field of stainless steel surfaces (test the color!). Application is possible on the most surfaces e. g. metal, wood, glass, ceramics, paper, stone etc.

Features

Very good coverage. Excellent adhesion on many surfaces. Good flow, smooth surface. Suitable for indoors and outdoors applications. Weather-resistant, light-proof, UV-resistant. Scratch-, shock- and impact-resistant. Resistant to engine oils, diluted cleansers etc. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

Technical Properties

Color	:	Stainless steel silver
Smell	:	Solvent
Degree of gloss	:	Matt: 5-10 gloss units DIN 67530
Efficiency	:	Approx. 1.2 m^2 * (400 mL)
Drying time (20 °C and 50% R.H)	:	Approx. 10 minutes (Dust-dry)
		30 minutes (Dry to touch)
		Approx. 24 hours (Cured)
Temperature resistance	:	Up to 80°C

Package

Stock Code	Type	Volume	Box
423215	Stainless Steel Silver	400 ml	6

ENAMEL SPRAY PAINT

Designed for quick and easy repair of irritating scratches or similar small damages on white enamel surfaces such as bath-tubs, sinks, toilet bowls, instantaneous water-heaters, and refrigerators.

- Quick-Drying
- Hard, Durable Finish
- Very Good Coverage

Application Areas

Suitable for quick and easy repair of irritating scratches or similar small damages on white enamel surfaces such as bath-tubs, sinks, toilet bowls, instantaneous water-heaters, and refrigerators. Not suitable for large-area repairs such as wash-bowls, bathtubs.

Features

For white glossy enamel surfaces. Hard, durable surface. Very good coverage. Excellent adhesion. Good flow, smooth surface. Scratch-, shock- and impact-resistant. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

Technical Properties

Color	:	White
Smell	:	Solvent
Degree of gloss	:	Glossy, 80-85 gloss units DIN 67530
Efficiency	:	Approx. 0.8 m^2 * (400 mL)
Drying time (20 °C and 50% R.H)	:	Approx. 5 minutes (Dust-dry)
		2 hours (Cured)
		48 hours (Resilient)
Temperature resistance	:	Up to 80°C

Package

Stock Code	Type	Volume	Box
423222	White	400 ml	6

A108 PAINT REMOVER

An aerosol stripper which removes paint from most types of surfaces. The convenient aerosol can be easily sprayed to hard to-reach areas and does not drip or run.

- Aggressively Strips Even The Toughest Paints
- Convenient Spray Is Easy To Use
- Ease Of Use Saves Time

Application Areas

Any metallic surface with mild to heavy paint remains. Removes acrylics, epoxies, lacquers, adhesives and most other automotive finishes. Light industrial environments. Should not be used on fiberglass, plastics, styrene related plastics, vinyl, linoleum.

Features

Aggressively strips even the toughest paints. Convenient spray is easy to use. Ease of use saves time. No wastage due to accurate spray. Spray gets into hard to reach areas. Clings well to vertical surfaces. Thick formula clings to extend contact time. Easy clean up.

Technical Properties

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 0,972 gr/cm^3
Propellant	: Hydrocarbon
Stripping Time	: Minimum 5 min.

Package

Stock Code	Type	Volume	Box
YAC102	-	400 ml	6

Industrial

Repair, Care, Protective Products

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C12

METAL POLISH

Polishes every kind of gold, silver, copper, chrome, brass, bronze, aluminum, platinum from tarnishing and can make a protective film on the surface.

- Perfect Brightness
- Excellent Penetrating Capability
- Protects From Corrosion

Application Areas

It is well used for cleaning and polishing auto parts, kitchenware, tiles, fiberglass.

Features

Excellent penetrating capability. Diminish friction. Removes water and protects against moisture. Protects metal parts and surfaces from corrosion.

Technical Properties

Basis	: Paste
Density	: 1,03± 0.01 g/ml
Color	: Blue
pH	: 10

Package

Stock Code	Type	Volume	Box
XMP12	White	50gr	24

INDUSTRIAL WIPES

Industrial strength hand cleaning wipes that are capable of removing oil, grease, paint, ink and adhesives. The textured side of the wipe will gently but efficiently remove all ingrained contamination. The smooth side of the wipe will effectively retain contamination and will prevent re-soiling of the hands. Hands are clean and dry in one application, all without the use of water.

- Excellent Cleaning Power
- Contains Aloe Vera
- Leaves No Residue

Application Areas

Industrial wipes removes difficult contaminants, such as adhesive, gasket residue, bitumen, silicone, ink, oil, grease, lubricants and paint from surfaces. Usable on hands.

Features

Non-hazardous to user or environment. High absorbency – contamination stays on wipe. Textured material assists cleaning power. Optimum dose of cleaner applied to the wipe. Excellent cleaning power – even on tough contaminants. Convenient, simple and safe to use. Contains Aloe Vera for moisturizing your skin for protection. Leaves no residue.

Technical Properties

Appearance	: Orange textured impregnated wipe
Safety Profile	: Non hazardous
Odor	: Sweet / Citrus aroma
Wipe Size	: 220 X 203 mm

Package

Stock Code	Type	Volume	Box
XTM00	20 pcs	-	24
XTM80	75 pcs	-	-
XTM100	100 pcs	-	6

One package has 20PCS wipes

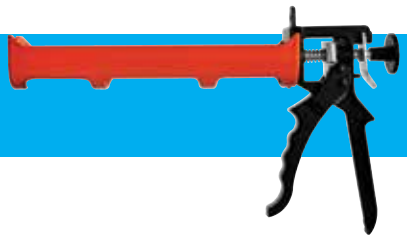
Cylinder Plastic package 75PCS

Cylinder Plastic package 100PCS

XFG04

XFG07

AKT350



XFG06

AKT353

AKT351

AKT123 (600ml)

AKT121 (400ml)
AKT122 (600ml)

Plastic Sealant Nozzle 10 pcs

Stock Code	Box
XTM00	24

Pu Foam Plastic Straw 10 pcs

Stock Code	Box
XTM00	24

Plastic Chemical Anchor Mixer 10 pcs

Stock Code	Box
XTM00	24

Plastic Sausage Sealant Nozzle 10 pcs

Stock Code	Box
XTM00	24

Sealant Finishing Tool Set

Stock Code	Box
BYM4	96

PRODUCT NAME	TYPE	BOX / PCS
Anti-Slip Tape	25 mm X 5 m	48
Anti-Slip Tape	50 mm x 15 m	24
Acrylic Double Foam Sided Tape	10 mm x 5 m	100
Acrylic Double Foam Sided Tape	15 mm x 5 m	70
Acrylic Double Foam Sided Tape	20 mm x 5 m	60
Acrylic Double Foam Sided Tape	24 mm x 5 m	44
Acrylic Double Foam Sided Tape	30 mm x 5 m	60
Acrylic Double Foam Sided Tape	40 mm x 5 m	30
Acrylic Double Foam Sided Tape	50 mm x 5 m	30
Masking Tape Hot - Melt Glue 50°	18 mm x 25 m	96
Masking Tape Hot - Melt Glue 50°	24 mm x 25 m	72
Masking Tape Hot - Melt Glue 50°	36 mm x 25 m	48
Masking Tape Hot - Melt Glue 50°	48 mm x 25 m	36
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	18 mm x 35 m	96
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	24 mm x 35 m	72
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	36 mm x 35 m	48
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	48 mm x 35 m	36
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	18 mm x 35 m	96
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	24 mm x 35 m	72
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	30 mm x 35 m	48
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	48 mm x 35 m	36
Duct Tape Grey	48 mm x 40 m	96/6
Duct Tape Black	49 mm x 40 m	96/6
Duct Tape Red	48 mm x 40 m	96/6
Duct Tape Yellow	48 mm x 10 m	96/6
Duct Tape Green	48 mm x 10 m	96/6
Duct Tape Blue	48 mm x 10 m	96/6
Caution Tape	50 mm x 180 m	72
Caution Tape	50 mm x 360 m	24
Caution Tape	70 mm x 180 m	24
Caution Tape	70 mm x 360 m	12
Floor Marking Tape	50 mm x 25 yds	24

Akfix®

HYGIENE

HAND SANITISER

Alcohol Based Hygienic Hand Rinse Agent

99.9% MAXIMUM PROTECTION AGAINST

ALL KINDS OF BACTERIAS

Easy and practical cleaning by disinfecting bacterias without usage of soap and water whatever and whereever you want

FDA Approved | **Biocidal** Licensed | **EN1500** Certified

Product Code	Stock Code	Volume	Box
Akfix Hand Sanitizer Gel	HSG100.3	100 ml	48
Akfix Hand Sanitizer Gel With Pump	HSG100.4	500 ml	24
Akfix Hand Sanitizer Gel With Pump	HSG100.5	1000 ml	12
Akfix Hand Sanitizer Liquid	HSL120.2	100 ml	48
Akfix Hand Sanitizer Liquid With Pump	HSL120.3	500 ml	24
Akfix Hand Sanitizer Liquid With Pump	HSL120.5	1000 ml	12
Akfix Hand Sanitizer Liquid	HSL120.7	5 lt	4

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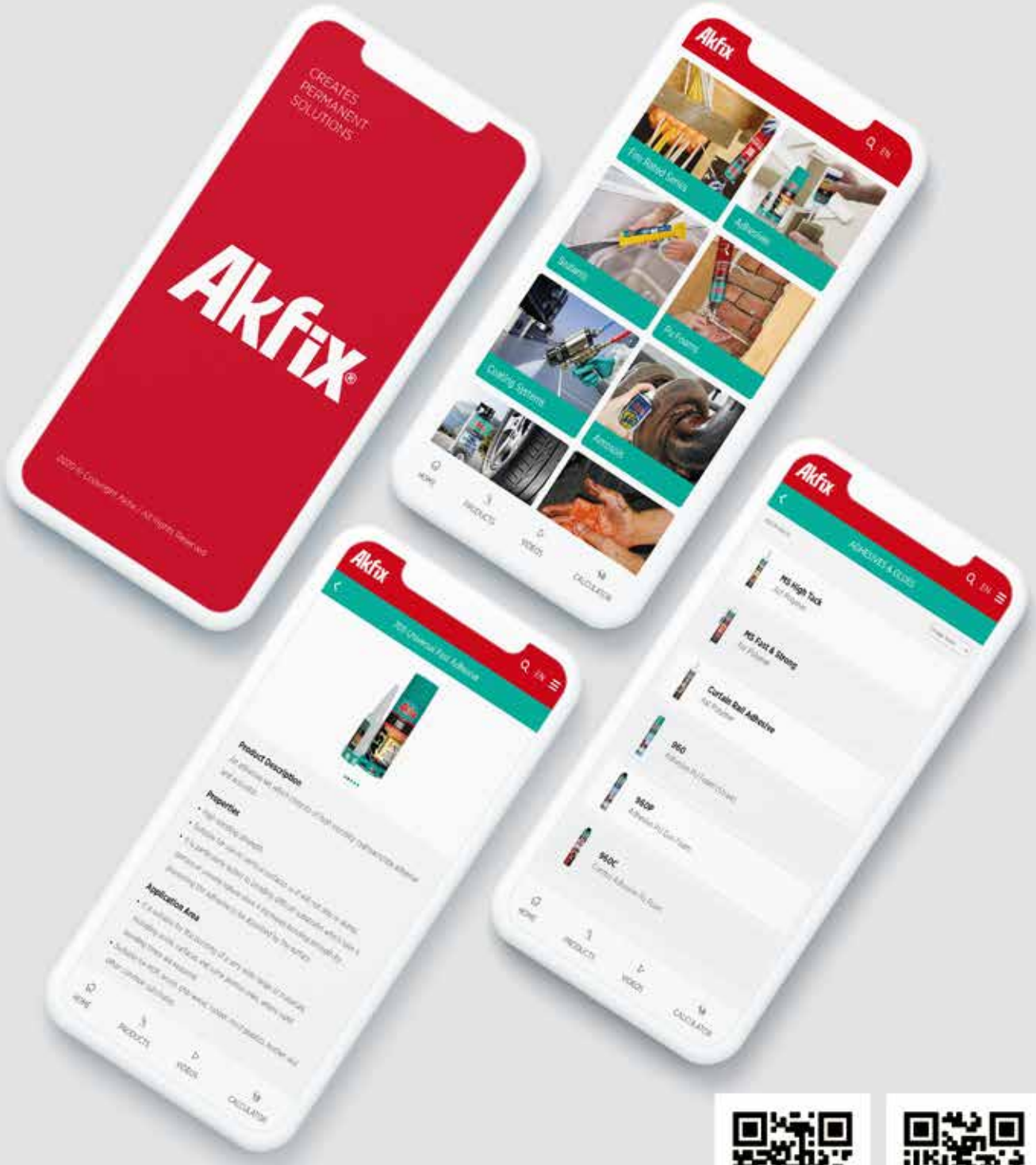

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