

Akfix®

■ MASTER OF SOLUTIONS ■



ROOFING PRODUCTS CATALOG

CREATES PERMANENT SOLUTIONS

www.Akfix.com



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.



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.

Applications Area

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.



Scan QR code for product video.



Scan QR code for product video.



805 MULTI PURPOSE 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. It does not contain any propellant gases that are harmful to the ozone layer.

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, waterproof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

Applications Area

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.





820P B1 FIRE RATED PU GUN FOAM

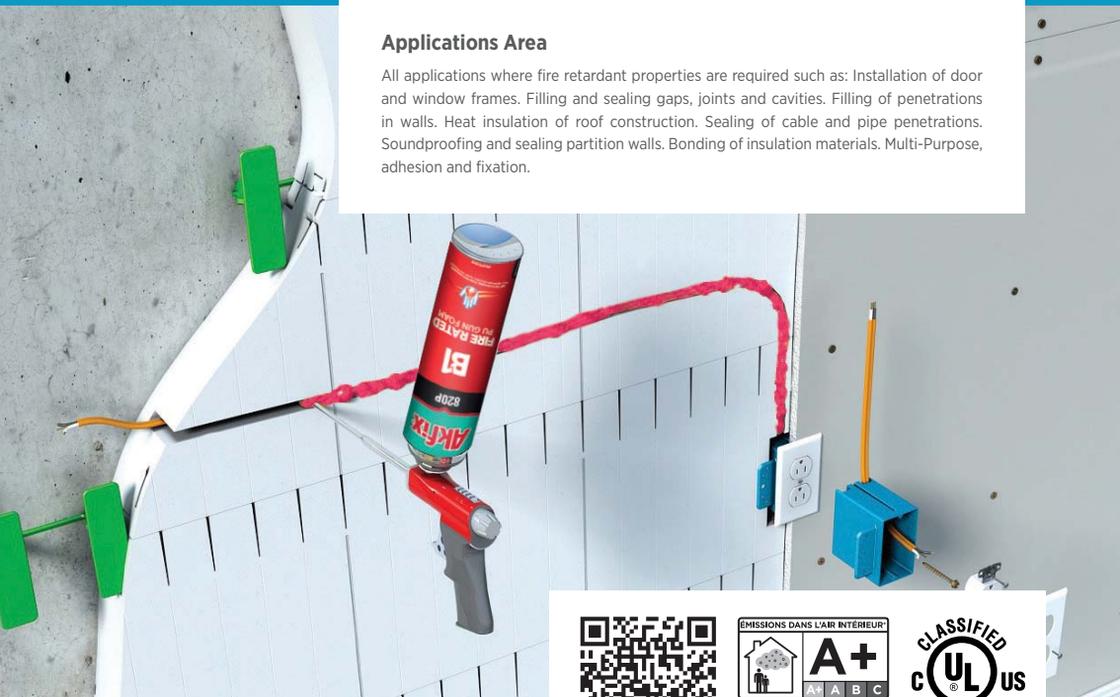
One component, moisture curing, self expanding, ready to use polyurethane foam with propellants which are completely harmless to ozone layer. It has a fire rating of up to 217 minutes in certain configurations. High quality PU foam recommended for sealing applications where fire resistance is required. Gun used professional type PU Foam features higher yield, easier application and reusability.

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 55 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).

Applications Area

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.



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



820 B1 FIRE RATED STRAW PU FOAM

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).

Applications Area

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.



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. High quality PU straw foam recommended for sealing applications where fire resistance is required. It is designed for easy dispensing through the straw adapter included with each can.



Scan QR code for product video.



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



895

MOUSE & PEST BARRIER PU FOAM



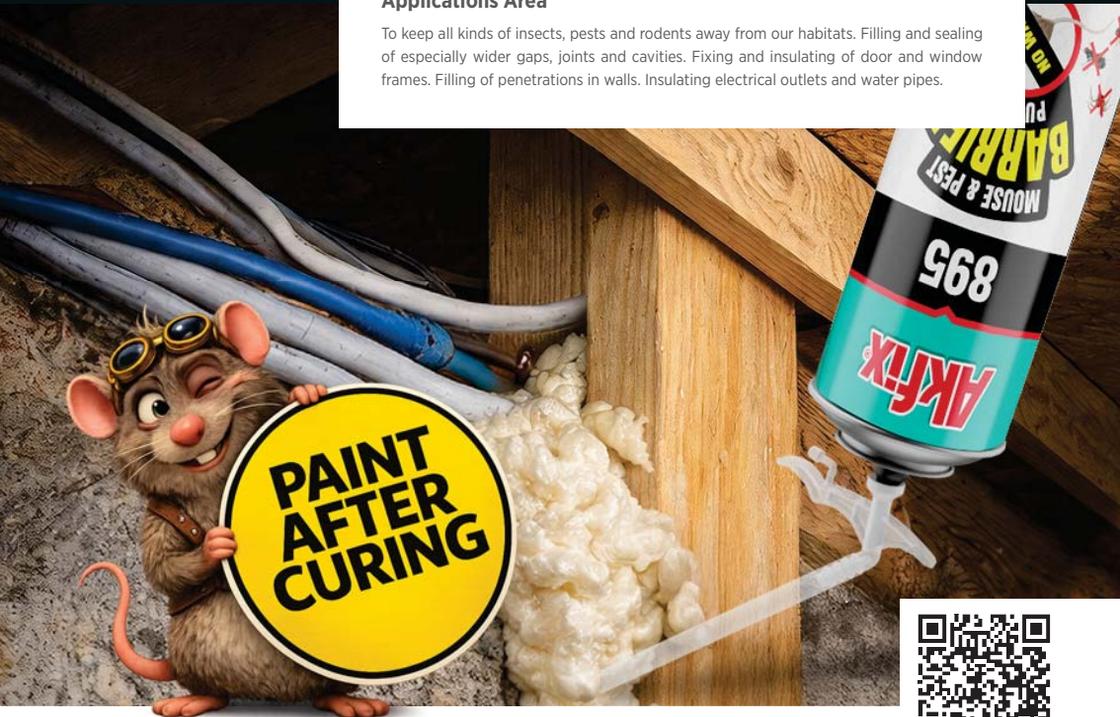
EPA-registered pesticide that protects the foam from attack by mice, birds, bats and tree squirrels. It also blocks ants, roaches, spiders and bees. Can be used to fill gaps and cracks inside garages, attics, crawl spaces, basements, under sinks, around pipes/electrical penetrations or any areas where pests, insects or drafts can enter.

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 gaps 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.

Applications Area

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.



 Scan QR code for product video.

THERMCOAT FIRE RATED THERMAL & ACOUSTIC INSULATION PU SPRAY FOAM

Features

Fire rated, 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 (0.035 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,

Applications Area

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.



Top quality heat and sound insulation foam at buildings and houses. Provides a unique, monolithic thermal insulation application without junctures, seams and gaps. Class E fire resistant according to EN 13501-1 and it meets the requirements of B2 according to DIN 4102-1. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool.



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AST
AKKIM SMART TECHNOLOGY

888P FLEXIBLE PU FOAM



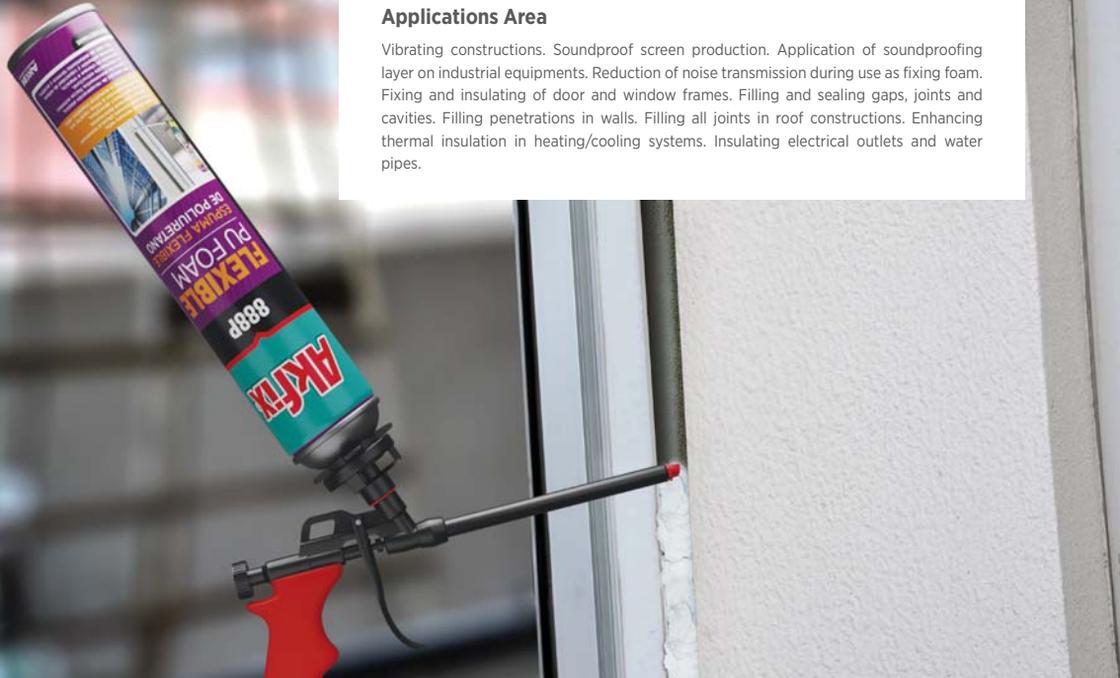
Single-component PU flexible foam used with an applicator gun and Features flexibility, high performance, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer. The foam has a minimum expansion after application (less than 50%) and is therefore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

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.

Applications Area

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.



C920 EPOXY CHEMICAL ANCHOR

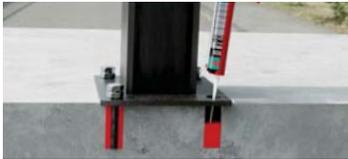
Features

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.

Applications Area

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.

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.



Scan QR code for product video.





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.

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.

Applications Area

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.



965P ROOF & TILE PU ADHESIVE FOAM

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.



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 m² 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. High yield up to 55 liters, depending on the humidity and temperature.

Applications Area

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.



930NX ALKOXY NEUTRAL SILICONE CONSTRUCTION

Akfix 930NX is an alkoxy-based silicone sealant designed for long-lasting performance in exterior façade applications. It offers excellent adhesion and high resistance to moisture, UV rays, and harsh weather conditions. It does not yellow over time and maintains its elasticity for years.

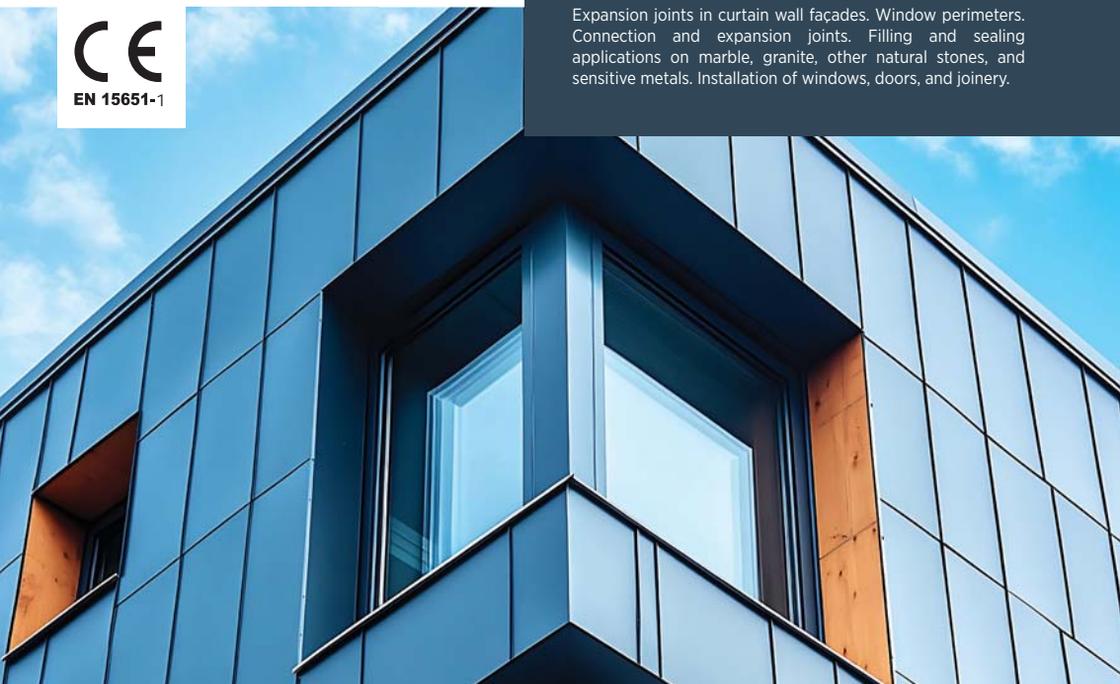
Features

Complies with ISO EN 11600-F-25LM standard. Neutral curing. Excellent adhesion to both porous and non-porous construction materials. Does not cause corrosion on building materials. Highly resistant to all weather conditions such as rain, snow, wind, and direct sunlight. Maintains performance in both high and low temperatures. Fast curing. Solvent-free, 100% silicone, and odorless during curing.

Applications Area

Expansion joints in curtain wall façades. Window perimeters. Connection and expansion joints. Filling and sealing applications on marble, granite, other natural stones, and sensitive metals. Installation of windows, doors, and joinery.

CE
EN 15651-1



610 PU EXPRESS MONTAGE ADHESIVE

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



Scan QR code for product video.



Features

Fast curing. Low press time. Transparent. Extremely 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 resistance to moisture and weather conditions. Nonshrinking. Low odour. Usable in slightly wet substrates.

Applications Area

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.



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.



 Scan QR code for product video.

Features

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 +5°C. It does not contain any propellant gases which are harmful to the ozone layer.

Applications Area

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.



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

Features

Outstanding adhesion without primer on joining elements made from brick, stone, concrete, wooden, plastic, steel, aluminum, 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.

Applications Area

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





907N EPDM ADHESIVE

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

Features

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

Applications Area

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



P635 PU SEALANT CONSTRUCTION



ASTM INTERNATIONAL



EN 15651-1
EN 15651-2



Scan QR code for product video.

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

SHORE A35

ALL MATERIALS & ALL SURFACES



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.



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.

Applications Area

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.



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.

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+.

Applications Area

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.



Scan QR code for product video.

SHORE A45

ALL MATERIALS &
ALL SURFACES

CE
EN 15651-1
EN 15651-4





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.

Features

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

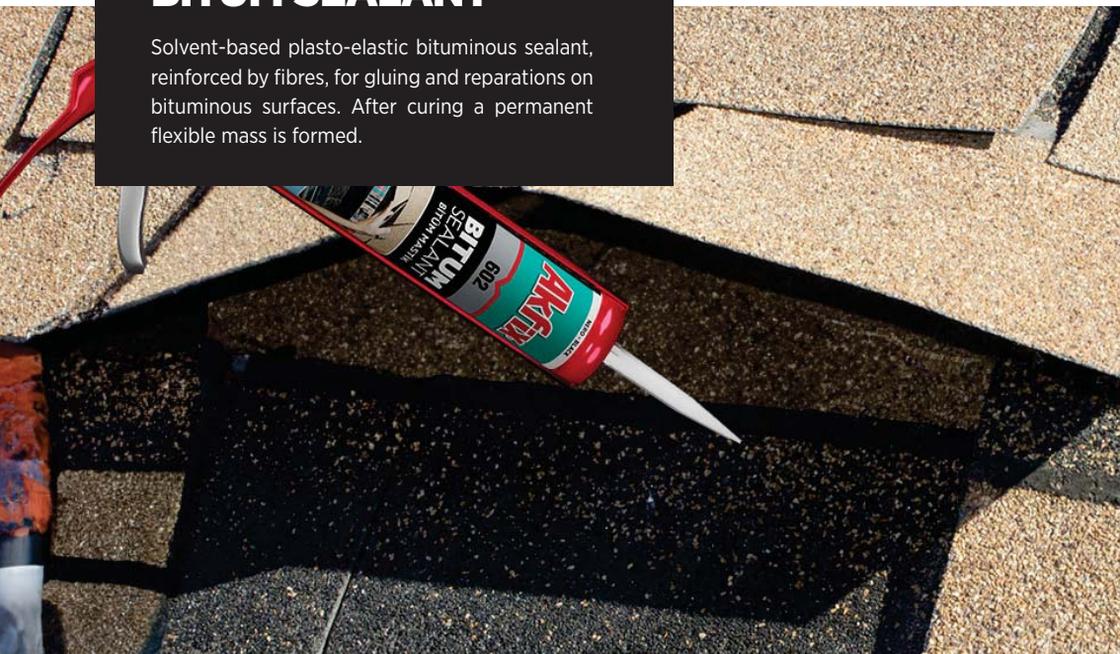
Applications Area

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.



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.



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.

Applications Area

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.



UNIVERSAL AST POLYMER

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

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.

Applications Area

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.



CE
EN 15651-1
EN 15651-2



"Conforms to the requirements of VOC content specifications in LEED credit E0c4.1
"Low-emitting products" of SCAQMD rule 1168."

AST
AKKIM SMART TECHNOLOGY



RT238

RETAINING HIGH STRENGTH

Single component, resin based, high viscosity, high strength product used for strengthening mechanical connections.

Features

- 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.



PS252

PIPE SEALANT HIGH STRENGTH

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

Features

- 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.



Scan QR code for product video.



Scan QR code for product video.

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.

Features

- 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.



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.

Features

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



PS257

PIPE SEALANT (WITH TEFLON)

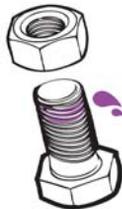
Akfix PS257 is a high viscosity and medium strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly.

Features

- 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.



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.

Features

- 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.



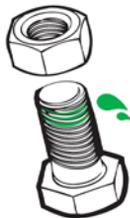
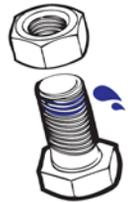
L243

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.

Features

- 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.



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.

Features

- 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.

PRIMER 80 MOISTURE TOLERANT EPOXY PRIMER

Two component, epoxy based, solvent free surface preparation primer which creates moisture barrier on damp surfaces and penetrates to the cracks in the concrete. It penetrates and strengthens the surface of the concrete, reduces pinhole formations and provides a chemically reactive surface to accept coating systems. Coating adhesion force is increased by up to three times that of unprimed concrete.



Features

Excellent adhesion and penetration to damp concrete surfaces. Seals pores and capillaries. Perfect resistance to water, freeze, humidity and harsh weather conditions. Can be used indoor and outdoor applications. Economical.

Applications Area

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.



PRIMER 80WG

Akfix PRIMER 80WG is a two component, low viscosity moisture tolerant epoxy based, solvent free surface preparation primer which is especially developed as a damp concrete penetrating primer before coating applications. Because of its special formulation, this primer can be applied at sub-zero surface temperatures.

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

Applications Area

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.





PRIMER M80 EPOXY PRIMER FOR METAL

Two component, epoxy based primer with excellent corrosion protection properties for use on metal surfaces. It has high structural strength, abrasion and chemical resistance.



Features

Perfect adhesion to porous substrates. Easy application (with roller or airless spray gun). Useable in both exterior and interior areas. Economical.

Applications Area

Used as a primer on absorbent surfaces like concrete, lightweight concrete, cement screed, wood before the water insulation materials like polyurea, epoxy and polyurethane based water insulation materials. Impregnates the concrete surfaces to protect it against corrosion, dusting and chemicals.

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.



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, plastics, 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.

Applications Area

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.

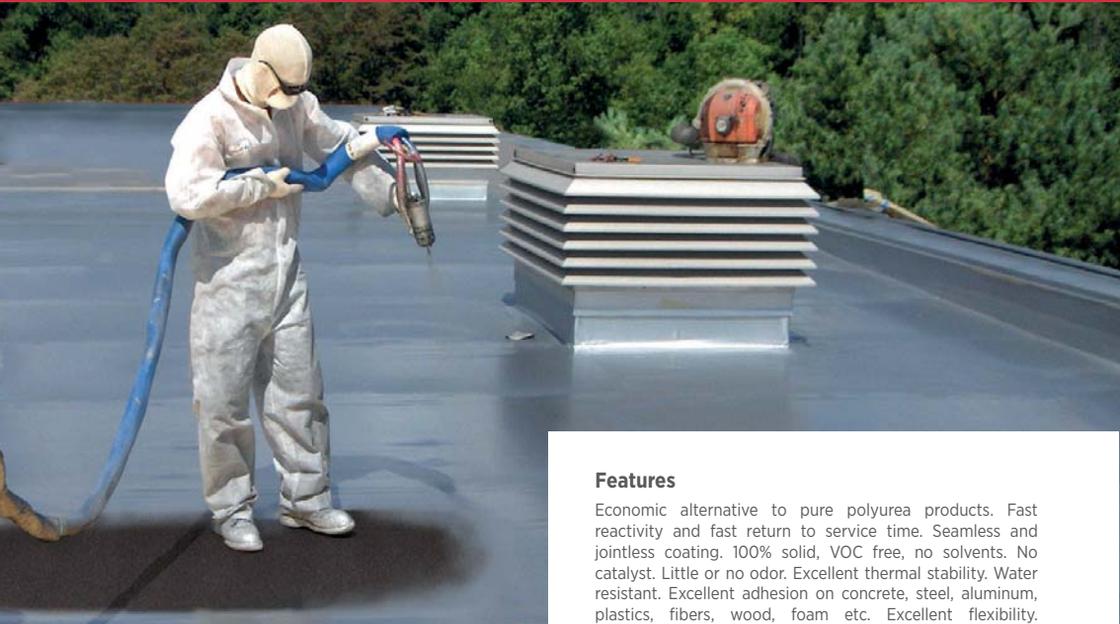


Tested according to EN 1186 Migration testing on Food Contact Materials and found in compliance with regulation EU No 10/2011 with amendments



POLYUREA HB 1010 HYBRID SYSTEMS

Very fast set, 2-component, 100% solid, flexible 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 coating alternative to pure polyurea products. This product is VOC free and environmentally friendly. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.



Features

Economic alternative to pure polyurea products. Fast reactivity and fast return to service time. Seamless and jointless coating. 100% solid, VOC free, no solvents. No catalyst. Little or no odor. Excellent thermal stability. Water resistant. Excellent adhesion on concrete, steel, aluminum, plastics, fibers, wood, foam etc. Excellent flexibility. Temperature and moisture insensitivity. Excellent chemical resistance. Excellent impact and abrasion resistance. Anticorrosive. Very good tensile and structural strength. UV, chlorine and salt water resistant. Variable application thickness possible. Broad color spectrum.

Applications Area

General water isolation—water tanks, pools, swimming pools, ponds, pipes, pipelines , waste water treatments, manholes and sewer linings, roof coatings. Floors - industrial floors, hospitals, factory, parking lots , garage. Truck bed liners. Leisure industry- water parks, aquariums linings, play grounds , theme park and decorative applications.



CE
EN 1504-2



POLYUREA AL 1070 ALIPHATIC

100 % solid, fast curing, 2 component, UV resistance, 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. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

Features

Excellent UV resistance. 100% 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 jointless coating with high water resistance. Temperature and moisture insensitivity. Excellent adhesion on concrete, steel, aluminum, plastics, wood, etc. Variable application thickness is possible. Broad color spectrum

Applications Area

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



PUR PRIMER 90 TRANSPARENT

Transparent, half-elastic, single component polyurethane primer that penetrates to deep. A solvent-based product. It cures with the moisture of the surface and the humidity in the air.

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 in use.

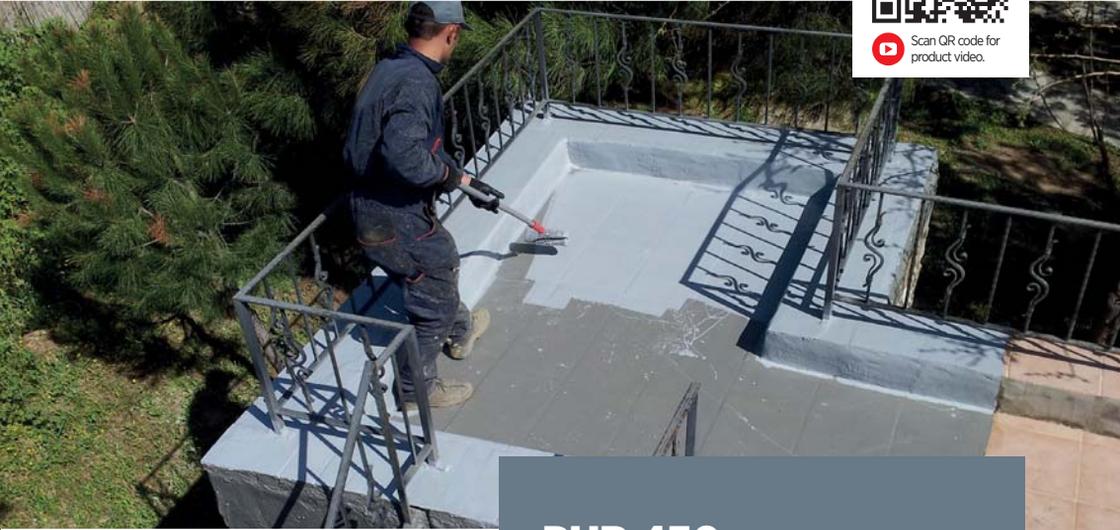
Applications Area

It is used as a primer on absorbent surfaces like concrete, light concrete, cement, plaster, screed base, mortar, wood, especially before polyurethane based waterproofing materials and polyurethane sealants.





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.



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

Applications Area

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.

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.



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.

Applications Area

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.



AQUAZERO 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.

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

Applications Area

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.



 Scan QR code for product video.

DF25 2K POLYURETHANE DILATATION FILLER

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.



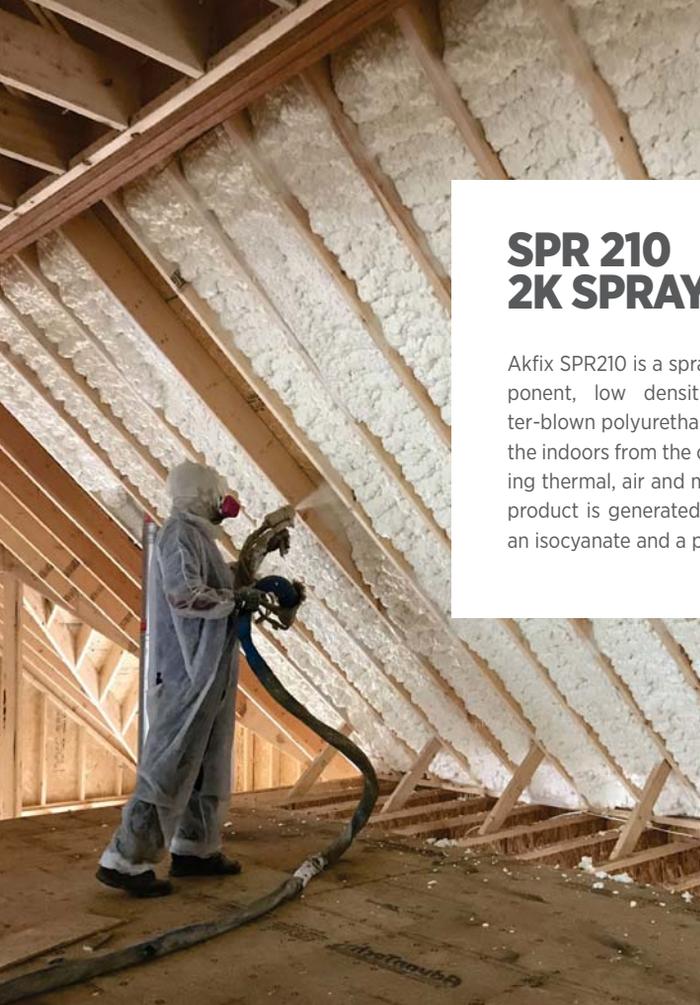
Features

Two component. Easy to mix. Fast cure. Self-leveling consistency, easy to apply in horizontal joints. Possesses permanent elasticity. High adhesion strength. Capable of $\pm 25\%$ joint movement. Paintable.

Applications Area

Used for sealing of horizontal joints. Interior and exterior. Expansion joints between many different construction materials. Industrial floors. Driveways / Garages. Sidewalks.





SPR 210 2K SPRAY FOAM

Akfix SPR210 is a spray-in-place, two-component, low density, (open cell), water-blown polyurethane foam. It barricades the indoors from the outside climate, creating thermal, air and moisture isolation. The product is generated onsite by combining an isocyanate and a polymeric resin.



Features

It provides a continuous, protective air barrier that helps to minimize air intrusion, and provides exceptional performance in the reduction of heat transfer.

Applications Area

The product is for use as a thermal insulation and air barrier in:
Wall cavities, floor assemblies, ceiling assemblies, roof assemblies (interior), attics (vented and unvented), crawl spaces (vented and unvented).

EX 1050 EXPANDABLE COATING

Expandable Pure Polyurea system that is developed as a seamless coating for waterproofing, and sealing. It expands approximately 4-5 times its original volume during the spray application and helps to fill all voids and height differences in substrates of different nature. Thanks to these features, it can be easily used on all kinds of surfaces for waterproofing and coating purposes.



Features

100% solids, VOC free. Fast cure and service time. Very good adhesion to concrete substrates. Environmentally friendly. Waterproofing and thermal insulation behavior. Suitable for horizontal and vertical applications. Reduces application processes by eliminating hand applied cementitious skim coats and patch repair materials. Good resistance to weather conditions. Suitable for internal and external applications. Enable to bond to any surface, such as cement, concrete, polyurethane, wood, metal, etc. Excellent resistance to weather conditions.

Applications Area

Waterproofing and protection membrane for concrete and metal roofs, terraces and balconies not exposed to traffic. As a surface repair and restoration layer on concrete substrates to minimize surface preparation labor prior to the application of protective membranes. To fill and protect a variety of porous surfaces. Primer onto different height / uneven roofing substrates. Waterproofing exterior basements, retaining walls and foundations. As a protective coating for thermal insulation polyurethane foam products.



Scan QR code for product video.

SPR 230 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.

Features

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.

Applications Area

Its main application areas are; poultry farms, cold storage tanks, terraces, roofs, basement ground floors, ceilings, external walls insulation, ground insulation.



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