



Wood & Flooring Products



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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/mm ²



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 applicable, 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)



Aluminium Cartridge

Plastic Cartridge



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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. 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.

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/m ²
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/cm ²
After 24 hours	: > 100 kgf/cm ²
After 7 days	: ≈ 120 kgf/cm ² (DIN EN 205)
After 7 days at 80oC	: ≈ 100 kgf/cm ² (WATT 91)





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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	



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.

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 recommended for plastics before application.

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

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



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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	: $1.40 \pm 0.03 \text{ gr/cm}^3$ (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





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.

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.

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

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	: $1,62 \pm 0,03 \text{ gr/cm}^3$ (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	: %29 (ASTM D 412)
Weight loss	: %18
Elongation	: >%100
Modulus 100 % elongation	: $\geq 0,20 \text{ Mpa}$
Max. tensile strenght	: $\geq 0,30 \text{ Mpa}$
Tensile strenght	: $\geq 0,10 \text{ Mpa}$
Temperature resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C



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/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	





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