

PRODUCT DATA SHEET

PRODUCT: AKFIX 310 MONTAGE ADHESIVE

Description

Akfix 310 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.

Properties

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

Applications

- 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

Instructions

The substrates must be dry, clean, free of dust and grease. One of the surfaces must be porous to provide a faster curing rate. Application temperature must be between +5 °C and +35 °C. Apply the adhesive to the edges and corners of the materials to be bonded. Press the materials together and fix properly. The materials can still be shifted for any adjustment immediately after the bonding. It may be required to provide support during setting. As long as the adhesive has not fully cured it must be protected against moisture or rain. The excessive adhesive can be cleaned with water if it has not cured.

Safety

- Not suitable for areas which are constantly exposed to water.
- The curing process may be retarded when both surfaces in contact are porous.
- The pressure applied in the beginning is critical to final bonding strength.

Akfix Flexi-Nail can be painted over with a dispersion-based paint.

Avoid contact with eyes. Keep non-cured adhesive away from children

Storage and Shelf Life

15 months in unopened cartridge if stored under dry and cool conditions. Failure to comply with these recommendations will result in a reduction in shelf life

Note: The information and specifications provided is to the best of our knowledge. The technical data contained herein are true and accurate at the date of issue and are subject to change without prior notice. No guarantee of accuracy is given or implied. We guarantee our products to conform to ASHAK Construction Chemicals quality control. We cannot be held responsible or liable, directly or indirectly for the use of our products, coverage, performance or injury resulting from use, as we have no control over the method of application used or site conditions. For further technical and method statements, contact our Technical representatives.

Packaging

Product	Volume/ Weight	Package
310 (Cartridge)	310ml	24
310 (Sausage)	80ml	36
310 (Plastic Tube)	250gr	36
310 (Plastic Bucket)	600gr	1
310 (Plastic Bucket)	25kg	1

Technical Properties

Basis	Acrylic Dispersion	
Density	1.40 ± 0.03 gr/cm ³	(ASTM D1875)
Track-Free Time	30-40 minutes (at 25 °C and %50 R.H.)	(ASTM C675)
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	

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