

Product Data Sheet

ADH ADHESIVE

ADH Adhesive is a solvent-free adhesive providing a safe, effective and green method of bonding fleece-backed PVC (Ecoflex ADH) and bitumen (Force 4000 S ADH) membranes to insulation boards.

Key features

- Excellent coverage rate making it economical to use.
- Solvent-free, high performance.
- Non-flammable: eliminates 'hot works', safe to store on site.
- Securely bonds fleece-backed membranes to a range of tissue-faced insulation boards.
- Heat-resistant and durable; also reduced need for intrusive mechanical fixings.
- Speedy installation time.

Packaging

ADH adhesive is supplied in a 20 litre (22kg) polybottle.

Application method

- Substrates suitable for*: Concrete, Timber, Metal Decks, Tissue & Foil-Faced PIR, EPS, XPS, RBM & BUR, Asphalt, Mineral Wool.
- Membranes suitable for*: Fleece PVC, TPO/TPE, & EPDM.
- Ensure all surfaces are free from dust, grease and other contaminants.
- Apply ADH adhesive directly to the insulation board with a lambswool roller (it is a single-component, one-way stick moisture curing polyurethane (MCPU) adhesive).
- Roll the fleece-backed membrane into the ADH Adhesive and consolidate substrates using a 20kg water filled roller to prevent air entrapment.
- It cures rapidly in temperatures 5-30°C.
- 60m² / 20 litres (22kg)*.
- ADH Adhesive, when uncured should be removed from tools with a solvent.
- ADH Adhesive should be cleaned from the membrane with Axter Membrane Cleaner.

*Adhesion tests should be carried out prior to use. Applications only for substrates and membranes listed. All other substrates and membranes should be tested prior to use. Please contact Axter Ltd for more information.

TECHNICAL DATA	
Product	ADH Adhesive
Base	Polyurethane
Appearance	Green
Application temperature	5 – 30°C
Temperature resistance	-40 – 140°C
Cure time (20°C)	50 minutes
Coverage*	Up to 60m ² /20L Polybottle (3m ² /L)
Flash point	See MSDS
Viscosity	3000
Storage temperature	5 - 25°C
Open time (20°C)	15 minutes
Shelf life	12 months

*Please note: Above information is provided as a guideline. Coverage rate stated is approximate, the porosity and type of supports/materials/ surface atmospheric conditions will affect coverage rates and potentially fall outside of the guideline given within the TDS.

It is necessary for a test to be conducted prior to application to establish accurate coverage rates, cure times and other factors on a project specific bases to ensure suitability for the wide variety of requirements and condition on site.

Axter Ltd makes no warranties, express or implied, as to the properties and performance under any variations from such conditions in actual construction.

ADH Adhesive exceeds independent standards for resistance to wind uplift.

Further information is available from Axter Ltd.

Storage and handling

ADH Adhesive is a moisture-sensitive adhesive which will gel if left in open contact with air for any length of time. This product has been protected with a layer of nitrogen ensuring the shelf life of 12 months in a sealed and dry container stored at a temperature of 5- 25°C. Once the container is opened, the layer of nitrogen will disappear and the adhesive will have a limited life.

The hazard labels and Safety Data Sheet (SDS) for for this product must be read prior to use.

Please contact Axter Ltd for further information.

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The intended use of this product should be verified with Axter Ltd prior to adoption to ensure its suitability and compliance with specifications, project requirements, industry regulations, legislation, good practice, installation techniques and all other relevant guidance. Axter Ltd accepts no liability for non-compliant use of this product.