

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/Ecoline 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 (22 kg) polybottle with handle for easy handling and pouring.

Application method

- 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.
- 110m² / 20 litres (22kg)*
- Axter ADH Adhesive, when uncured should be removed from tools with a solvent.
- Axter ADH Adhesive should be cleaned from the membrane with Axter Membrane Cleaner

Technical Data

Product	ADH Adhesive	Flash point	See MSDS
Appearance	Green	Shelf life	12 months (5-25°C)
Application temperature	5 – 30°C	Viscosity (CPS)	3000
Temperature resistance	-30 – 100°C	Storage temperature	5 - 30°C
Cure time (10°C)	100 minutes	Open time (10°C)	30 minutes
Cure time (20°C)	50 minutes	Open time (20°C)	15 minutes
Cure time (30°C)	25 minutes	Open time (30°C)	7 minutes
Coverage*	5m ² / kg 110m ² / 20 litres (22kg)	Environmental	Solvent-free, non-flammable

*Please note: Above information is provided as a guideline. Coverage rate stated is approximate and depends on porosity and type of surface. Axter Ltd recommends that a test is conducted prior to application.

ADH Adhesive significantly exceeds requirements for wind uplift, as given in BS EN 1991-1-4 (which provides guidance for the structural design of buildings for wind). 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 a shelf life of six months in a sealed and dry container stored at a temperature of 5- 30°C. Once the container is opened, the layer of nitrogen will disappear and the adhesive will have a limited life.

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

Please contact Axter Ltd for further information.

The manufacturer reserves the right without prior notice to modify the composition of this product. The information provided is not intended to form any part of a contract or provide a guarantee and users should check if there have been any changes to the information above since publication of this document. Characteristics provided in this publication derive from data obtained under controlled test conditions. Axter Ltd makes no warranties, express or implied, as to the properties and performance under any variations from such conditions in actual construction or for incorrect use of this product.