

EPDM Membrane Adhesive

Product Description

EPDM Membrane Adhesive is a one part moisture curing, solvent free adhesive based on modified polymer technology. EPDM Membrane Adhesive combines good initial grab to a variety of common construction substrates with high bond strength and good flexibility.

Main Applications

Recommended for bonding EPDM and other membranes including Butyl sheeting to aluminium (both Polyester Powder Coated and other finishes), galvanized finishes PVCu and mineral boards for suitable both factory and site applications.

Recommended for site applications but can also be used for factory work.

APPLICATION INSTRUCTIONS

Surface preparation

Surfaces must be clean, dry and free from all contamination. The surfaces should be degreased using the appropriate Cleaner. Primers may be required on some porous substrates. It is recommended that Adsheed Ratcliffe Technical Services Department should be consulted and advice obtained with regard to the choice of primer for specific purposes.

Application

EPDM Membrane Adhesive is supplied in 600ml foil packs and can be applied using a Foil Pack Gun. Apply in 8 mm beads approximately 25mm apart to one substrate only. Press membrane onto the Membrane Adhesive by suitable application tool (roller, tooling stick or other appropriate implement).

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. March 2024

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NB: Do not apply where Relative Humidity is below 40 %

Features

- **SPECIFICATION COMPLIANCE - BS EN ISO 11600 – F – 20 HM**
- **PACKAGING – 20x600ml foils per box. Polyethylene Nozzles are included in each box**
- Colours – Black
- Storage life – 12 Months in original unopened packaging stored in a cool, dry place out of direct sunlight.
- Health and Safety – No particular health hazards are associated with this product but please consult material safety data sheet for full information.
- Accessories
 - Primer – Arbo Primer 2650 (500ml tin) Yield approximately 250 metres per tin
 - Cleaners – Arbo cleaner No.17-1 litre tin (Xylene based – not suitable for use with plastics or delicate finishes). Arbo Cleaner No.16 – 1 Litre Tin (Alcohol Based)
 - Ancillary Equipment - Polyethylene Nozzles
Arbo Foil Pack Guns

	Value
Skin Time at 20o C/65 % RH:	15 minutes
Application Temperature:	+ 5° C to + 40° C
Service Temperature:	- 40° C to + 120° C
Typical Shore A Hardness:	55
Chemical Resistance:	Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion
UV Resistance:	Very Good
Service Life:	20 years+
Elongation at Break:	250% +
Bond Strength:	1.7 N/mm sq
Cure Rate at 20o C/65 % RH:	2mm/24 hours

NB: Through cure rate will be retarded where passage of moisture to the centre of a large amount of product occurs.

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