

## Arbo Instant EPDM Membrane

Following the introduction of document L, it has become a requirement to provide a robust seal to the internal interfaces between different façade components of a construction.

The purpose of this seal is to reduce air leakage from a building and to help prevent interstitial condensation. Rapid construction techniques demand that a building is also made substantially waterproof as early as possible during construction. ARBO EPDM membranes fulfil both these roles.

A combination of an EPDM foil and a self-adhesive reinforced acrylic layer on the reverse as a temporary mounting aid, prior to final fixation of EPDM strip. As a self-adhesive EPDM strip it can be used as a vapor barrier layer in buildings (type A) and at seams and joints behind wall cladding.



### TECHNICAL DATA

Length:	20m	Polymer	EPDM
Width:	75 / 100 / 150 / 200 / 300 mm	Colour	Black
Thickness:	0.75mm	Weight	1.23 kg/m <sup>2</sup>

## TECHNICAL INFORMATION

Characteristic and test method		Specifications	Value or statement
Watertightness (EN 1928)	-	Pass	Pass
Tensile strength (l/b) (EN 12311-2B)	N/mm <sup>2</sup>	≥ 5 / ≥ 5	8 / 8
Elongation (l/b) (EN 12311-2B)	%	≥ 300 / ≥ 300	450
Tear resistance (l/b) (EN 12310-1)	N	≥ 70 / ≥ 60	100 / 85
Joint shear resistance (EN 12317-2)	N/50mm	≥ 45	65
Reaction to fire (EN 13501-1)*	-	-	Class E
Resistance to impact (EN 12691)	mm	≥ 250	300
Water vapour transmission properties (EN 1931)	μ	-	40.000
Durability (artificial ageing) (EN 1296/EN 1931)	-	Pass	Pass
Durability (alkali) (EN 1847/EN 12311-2)	-	Pass	Pass
Dangerous substances	-	Meets requirements	Pass

\* Value regarding to EN 13984, Vapour control layer in buildings, type A

## PROPERTIES

Arbo Instant EPDM is ready-to-use and may only be applied in dry weather conditions and at ambient temperatures of min. +5 °C to max. +35 °C.

Arbo Instant EPDM has a strong adhesion when bonded as temporary mounting aid on a suitable surface and after final fixation it can withstand temperatures from approx. -40 °C to +80 °C.

## APPLICATION METHOD

All surfaces must be clean, dry and in a sound condition. Application below 5°C is not recommended.

Ideally the building should be cloaked to minimise dampness during construction. Porous surfaces to be primed with Arbo AFS primer and allowed to dry. Peel backing and apply, use ARBO roller to improve contact between substrates and membrane.

Minimum recommended lap to substrate 100mm.

Minimum lap joint 100 mm.

Arbo Terminator strip bedded on Arbo MA adhesive is recommended at head, foot and laps on all installations for a long term robust seal.

Any holes or gaps can be sealed with a further application of Arbo MA adhesive.

For new or untested substrates please carry out on site adhesion tests or contact Adshead Ratcliffe Technical Services Department who will be able to arrange laboratory adhesion tests free of charge.

**IMPORTANT:** The information in this leaflet is given in good faith and based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use and design are beyond our control. Goods are supplied subject to the Company's terms and conditions of sales, a copy of which is available on request.

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