

EPDM Membrane

EPDM membrane creates a weathertight seal when used externally and an airtight seal & vapour barrier when used internally. The EPDM membrane can be bonded to a variety of substrates when used with a suitable adhesive sealant or contact adhesive.

We produce non-adhesive, full adhesive and adhesive strip Membranes ranging in width (50 – 1,500mm) and thickness (0.5 – 1.5mm).

Our EPDM membrane can be used to seal windows and doors to the reveal in order to achieve airtightness & vapour control internally or wind & weather tightness externally. This is achieved with the use of a 15mm split release butyl strip that is applied to the frame and conveniently hidden once clad. The EPDM is bonded to the reveal with either a contact adhesive or adhesive sealant and if using a full adhesive EPDM, priming may be required.

Our EPDM can also be used as an effective airtight vapour barrier on the warm side of the insulation once correctly bonded to the substrate and membrane overlaps are appropriately sealed. Our EPDM is CE certified, conforming to EN 13984 (Vapour Control Layer – Definitions & characteristics).

Application

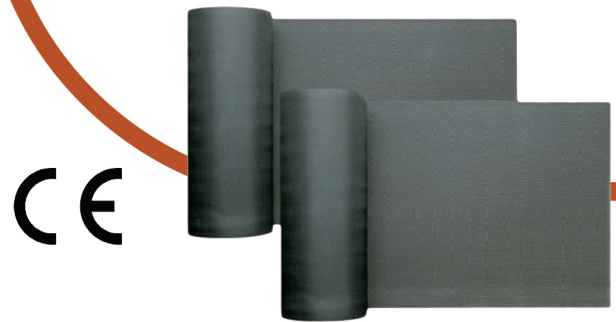
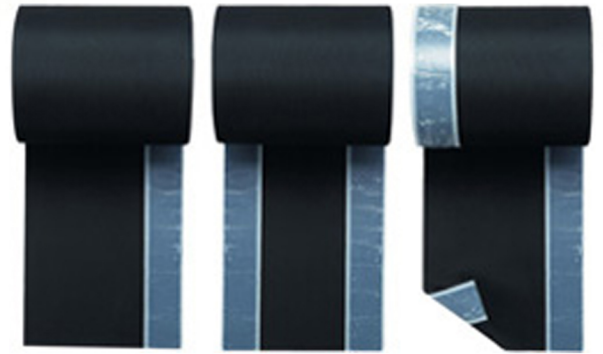
Surfaces must be stable, dry, free of grease and dust and must not contain adhesive repellent coatings. Porous surfaces may need to be primed using a suitable primer.

Butyl strip EPDM is recommended for application to windows and doors.

The EPDM membrane can be bonded to a substrate using a suitable adhesive sealant or contact adhesive.

If the EPDM is to be used as an airtight vapour barrier membrane, the membrane should overlap by 20 meters at the seams and be sealed with a suitable adhesive sealant.

The installer must first apply a sample of the EPDM and test the adhesion to see if it's appropriate.



Technical Data

Reaction to fire	Class E, EN13501-1
Water tightness (2 kPa)	Passed, EN1928
Water vapour permeability	50.000mu, EN1931
Impact resistance	NPD, EN12691
Joint shear resistance	NPD, EN12316-2
Tensile strength (both directions)	≥7MPa, EN12311-2
Elongation (both directions)	≥300%, EN12311-2
Tear resistance	≥10N, EN12310-2
Durability against ageing	Passed, EN1296 / EN1931
Durability against alkali	NPD, Annex C
Sizes	Width 50 - 1500mm, Thickness 0.5 - 1.5mm