

**POSTBOND 8000 - SELF ADHESIVE WATER AND VAPOUR PROOF MEMBRANE**
**Description**

PostBond 8000 combines the proven PostBond adhesive technology with a unique, grey coloured carrier film to provide superior performance and easier installation. PostBond 8000 is extremely tough but any accidental damage which would otherwise be missed, is made visible by the black compound showing through the light grey film.

**Installation**

At air temperatures below +5°C measures should be taken to ensure that all surfaces are free from ice or frost. All surfaces except those below ground bearing slabs and Preprufe membranes should be primed with one coat of MacLennan's water-based primer.

**Performance**

PostBond 8000 complies with the following national standards: BS 8102: 2009, The Building Regulations (as amended) (England and Wales) 2000, The Building Regulations (Northern Ireland) 2000 (as amended), Building Standards (Scotland) Regulations 2004 (as amended).

**Physical Properties**

Property	Typical value	Test Method
Colour	Dark grey-black	
Resistance to hydrostatic head	>70 m of water	ASTM D5385
Methane permeability	89.52 ml/m <sup>2</sup> .day.atm	Versaperm Ltd
Radon Diffusion Coefficient	6.8 x 10 <sup>-13</sup> m <sup>2</sup> /s	University of Prague

**Advantages**

- Water and vapour proof - provides protection for all basements, BS 8102:2009.
- Gas resistant - methane, Carbon dioxide and radon gas protection in excess of the standard membrane requirements in BRE Reports 211 (radon) and 212 (methane and carbon dioxide).
- Superior performance - 70 m hydrostatic pressure resistance with ultra low moisture transmission rate.
- Wide application "window" reduces delays - application temperature range from -10°C to +35°C and damp surface tolerant.
- Easier handling in warm weather - over 20% reduction of solar heat absorption.
- Unique composite film - engineered for strength, flexibility and a smooth finish.
- Facilitates quality assured installation - printed overlap line ensures minimum laps; light grey colour highlights accidental damage for simple patch repairs.

**POSTBOND 8000 - SELF ADHESIVE WATER AND VAPOUR PROOF MEMBRANE**

Property	Declared value	Test Method	Property	Declared Value	Test Method
Visible defects - MDV	No	EN 1850-2	Straightness - MDV	Pass	EN 1848-2
Length (m) - MDV	20.15 ± 0.15	EN 1848-2	Thickness - (mm) - MDV	1.52 ± 0.08	EN 1848-2
Width Carrier Sheet (m) - MDV	0.987 ± 0.007	EN 1848-2	Mass per unit area (g/m <sup>2</sup> ) - MDV	1490 ± 90	EN 1848-2
Width Overall (roll) (m) - MDV	1.000 ± 0.005	EN 1848-2	Durability of water tightness against ageing/degradation (at 60 kPa)	Pass	EN 12691 EN 1928
Water tightness to liquid water (at 60 kPa)	Pass	EN 1928	Durability of water tightness against chemicals (at 60 kPa)	Pass	EN 12691 EN 1928
Resistance to impact (Al-board) (mm) - MLV	150 - Pass	EN 12691	Durability of tensile properties against chemicals	Pass	EN 13967 Annex C
Resistance to impact (base EPS) (mm) - MLV	1000 - Pass	EN 12691	Compatibility with bitumen	Pass	EN 1548
Resistance to tearing (Nail Shank) - unreinforced sheets (N) - MLV	Long <sup>1</sup> 110 Trans <sup>2</sup> 100	EN 12310-1	Resistance to static loading	Pass	EN 12730
Joint strength (N/50mm) - MLV	190	EN 12317-1	Tensile properties - unreinforced sheets (N/6mm) - MLV	Long <sup>1</sup> 25 Trans <sup>2</sup> 25	EN 12311-2 Method B
Water vapour transmission (μ= sD/d) - MDV	103.000 - 110.000	EN 1931 Method B	Tensile properties - unreinforced sheets (Elongation %) - MLV	Long <sup>1</sup> 20 Trans <sup>2</sup> 20	EN 12311-2 Method B
Resistance to deformation under load	NPD <sup>5</sup>	EN 13967 Annex B	Reaction to fire (Class; test conditions)	E	EN 13501-1