

EPDM MEMBRANE

ClassicBond non-reinforced EPDM membranes are ideal for new single ply roof construction and re-roofing applications. Available in widths of up to 15m and lengths of up to 30.5m. All membranes contain Fire Retardant (FR) that is specially formulated to inhibit the spread of flame. Both thicknesses achieve BROOFT4 fire ratings when installed as part of a suitable build-up.

FEATURES & BENEFITS

- Meets lightweight requirements
- No special equipment required for installation
- EPDM has more than 50 years of proven performance
- Ability to be installed over a variety of decks
- Full range of Pressure-Sensitive Accessories
- Membranes are available in widths of up to 15m and lengths of up to 30.5m for faster installations and less seaming
- Fully adhered application allows for installation on any flat roof slope

PRECAUTIONS

1. Use proper stacking procedures to ensure sufficient stability of the materials.
2. Exercise caution when walking on a wet membrane. Membranes are slippery when wet.
3. PS Accessories should not be exposed to prolonged storage temperatures in excess of 32°C otherwise the shelflife may be affected.

Before using this product please ensure that you have been supplied with and have read carefully the following information:

1. The product labels
2. ClassicBond EPDM Membrane Safety Data Sheet

APPLICATION*

1. For Design A: Fully Adhered Roofing System ; Roof deck must be suitably prepared and well secured. Adhesive is determined by substrate & conditions. Adhesive must be applied in accordance with directions for appropriate type. The membrane is then rolled into place and bond consolidated. To complete seams between two adjoining membrane panels, apply ClassicBond EPDM Primer to the seam area with appropriate ClassicBond PS Secure Tape.
2. For Design B: Ballasted Roofing System; insulation is loose-laid over the roof deck. Membrane is loose-laid over the insulation and secured with a minimum 50kg of ballast per M². To complete seams between two adjoining membrane panels, apply ClassicBond EPDM Primer to the seam area with appropriate ClassicBond PS Secure Tape.
3. For cold weather seaming below 5°C, these steps must be followed:
 - Heat the primed area of the bottom membrane with an electric hot-air gun as 75mm or 150mm Seam tape is applied and pressed into place.
 - Prior to rolling the seam area with a 50mm wide steel hand roller, apply heat to the top side of the membrane with an electric hot-air gun. The heated surface should be hot to the touch. Be careful not to burn or blister the membrane.

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Essential Characteristics	Performance	Test Standard	Harmonized Technical Spec.
Visible Defects	Pass	EN 1850-2	EN 13956 : 2012
Width	-0,5% to +1% of target	EN 1848-2	EN 13956 : 2012
Straightness	-50 mm to +50 mm	EN 1848-2	EN 13956 : 2012
Flatness	≤ 10 mm	EN 1848-2	EN 13956 : 2012
Effective Thickness	-5 % to +10 % of target	EN 1849-2	EN 13956 : 2012
External Fire Performance	BROOF(t4)	ENV 1187-1	EN 13956 : 2012
Tensile Strength	≥ 8 N/mm ²	EN 12311-2	EN 13956 : 2012
Elongation	≥ 350 %	EN 12311-2	EN 13956 : 2012
Tear Resistance	≥ 25 N	EN 12310-2	EN 13956 : 2012
Dimensional Stability	≤ 0,5 %	EN 1107-2	EN 13956 : 2012
UV Exposure	Pass	EN 1297	EN 13956 : 2012
Resistance to Ozone	Pass	EN 1844	EN 13956 : 2012
Tensile Strength at break (MPa)		ISO R 527 parts 1 & 3	EN 13361 : 2004
No Aging - (L, T)	≥ 8,0	ISO R 527 parts 1 & 3	EN 13361 : 2004
Oxidation - 90 days at 85°C	Δ ≤ 25%	pr EN 14575	EN 13361 : 2004
Weathering - 3000 hours UV	Δ ≤ 25%	EN 12224	EN 13361 : 2004
Static Puncture	≥ 0,5	EN ISO 12236	EN 13361 : 2004
Water Permeability (m ³ /m ²)/d	0	pr EN 14150	EN 13361 : 2004
Durability -Environmental Stress Cracking (hours)	≥ 200	ASTM D 5397-99 Appendix	EN 13361 : 2004