

NON-REINFORCED EPDM MEMBRANES

Product Data

ClassicBond 1.2mm (.047") and 1.5mm (.060)

Roofing membranes are non-reinforced Ethylene Propylene Diene Terpolymer (EPDM) based elastomeric homogenous roof coverings. These roofing membranes may be used for new single-ply roof construction and re-roofing applications. Available in widths of up to 15m (50') and lengths of up to 30.5m (100'). All membranes are dusted. Both thicknesses are achieve Broof T4 fire ratings.

Features and 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 line 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 roof slope

Application

1. For Design A: Fully Adhered Roofing

System; insulation is mechanically attached or adhered to the roof deck. The substrate and membrane are coated with ClassicBond Decking adhesive. The membrane is then rolled into place and broomed down. To complete seams between two adjoining membrane panels, apply ClassicBond EPDM Primer to the splice area in conjunction with ClassicBond PS Seam 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 4.5 Kg (10 lbs) of ballast per square foot.

To complete seams between two adjoining membrane panels, apply ClassicBond EPDM Primer to the splice area in conjunction with ClassicBond PS Seam Tape.



3. For cold weather splicing below 5°C, these steps must be followed:

- Heat the primed area of the bottom membrane with a hot-air gun as 76mm or 152mm Seam tape is applied and pressed into place.
- Prior to rolling the splice area with a 50mm wide steel hand roller, apply heat to the top side of the membrane with a hot-air gun.

The heated surface should be hot to the touch. Be careful not to burn or blister the membrane.

* REVIEW CURRENT SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.

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 jobsite storage temperatures in excess of 90°F (32°C), otherwise the shelf life of the FAT may be affected.

Exclusive British Isles Distributors for Carlisle-SynTec and ClassicBond EPDM single ply roofing materials.

Flex-R Ltd, Sandswood House, Hillbottom Road, Sands Industrial Estate, High Wycombe, Bucks, HP12 4HJ. Tel: +44 (0)1494 448792 Fax: +44 (0)1494 858433

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Essential Characteristics	Performance	Test Standard	Harmonized Technical Specification
Visible Defects	Pass	EN 1850-2	EN 13956 : 2012
Width	-0,5 % to +1 % of target	EN 1848-2	
Straightness	-50 mm to +50 mm	EN 1848-2	
Flatness	≤ 10 mm	EN 1848-2	
Effective Thickness	-5 % to +10 % of target	EN 1849-2	
External Fire Performance	B _{ROOF} (t4)	ENV 1187-1	
Tensile Strength	≥ 8 N/mm ²	EN 12311-2	
Elongation	≥ 350 %	EN 12311-2	
Tear Resistance	≥ 25 N	EN 12310-2	
Dimensional Stability	≤ 0,5 %	EN 1107-2	
UV Exposure	Pass	EN 1297	
Resistance to Ozone	Pass	EN 1844	
Tensile Strength @ break (MPa)		ISO R 527 parts 1 & 3	
No Aging – (L, T)	≥ 8,0		
Oxidation – 90 days @ 85°C	Δ ≤ 25%	pr EN 14575	
Weathering – 3000 hours UV	Δ ≤ 25%	EN 12224	
Static Puncture (kN)	≥ 0,5	EN ISO 12236	
Water Permeability (m³/m²/d)	0	pr EN 14150	
Durability - Environmental Stress Cracking (hours)	≥ 200	ASTM D 5397-99 Appendix	

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 Material Safety Data Sheet

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