

ClassicBond PRO Polyester Fleece Reinforced membranes are manufactured using a patented hot melt adhesive technology to bond a polyester fleece backing to the EPDM sheet membrane. Once the EPDM membrane is reinforced and enhanced with fleece the total thickness is 3.00 mm, creating an extremely tough, durable and versatile sheet that is ideal for re-roofing, overlayment and new build projects. Manufactured with 75mm Pre-Applied Seam Tape (PST) to ensure consistent seam strength & quality with the added benefit of increased installation speed.

FEATURES & BENEFITS

- **Rolls 1.52m wide by 12.20m long, 3.00 mm thick membrane**
- **75mm PST provides consistent seam quality and enhanced on site productivity**
- **34% fewer seams than Modified Bitumen**
- **Fleece reinforcement adds toughness, durability and enhanced puncture resistance**
- **Labour and cost savings in field applications**

INSTALLATION*

Adhered Roofing System - Apply appropriate ClassicBond PRO Decking Adhesive to the suitable substrate. For ClassicBond WBA deck adhesive lay membrane into adhesive when still wet, for PU Deck Adhesive allow adhesive to foam (adhesive will lighten in colour), using a rubber bladed squeegee press/smooth the membrane into the adhesive to ensure full embedment. Splices are sealed with Pre-Applied Seam Tape (PST), end laps are sealed with ClassicBond EPDM Cover Strip.

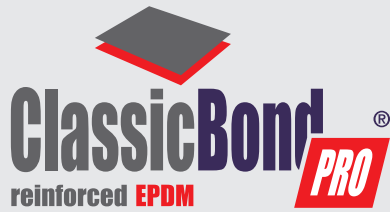
SPLICING

- 1 The entire surface where the membrane splice will be applied must be clean and dry. The adhesive on the PST will not adhere to wet and/or dirty surfaces. Any residual contamination will be detrimental to the bond strength of the adhesive.
- 2 Remove any dirt or excess dust from the splice by wiping with a clean rag. If needed, clean the splice area thoroughly with Weathered Membrane Cleaner. This is essential for membrane that has been exposed for a number of weeks.
- 3 **Application of ClassicBond EPDM Primer:**
Brush or roller (short pile roller) apply the primer to the splice area of the bottom membrane. The properly primed area will be free of streaks, globules or puddles. Allow the ClassicBond EPDM Primer to dry until it does not transfer to a dry finger.
- 4 Allow the taped edge of the top sheet to fall freely onto the primed sheet below.
- 5 Pull the poly backing from the PST beneath the top sheet and allow the sheet to fall freely onto the exposed primed surface.
- 6 Press top sheet on to the bottom sheet using firm, even hand pressure across the splice towards the edge of the seam.
- 7 Immediately roll the ClassicBond PRO seam with a 50mm wide roller using positive pressure rolling across the seam not along it.
- 8 For cold weather splicing when job site temperatures fall below 5°C, these steps must be followed:
 - a) Heat the primed area of the membrane with a hot air gun as the top sheet with PST is applied and pressed into place.
 - b) Prior to rolling the splice area with a 50mm hand roller, apply heat to the top side of the membrane with a hot air gun. The heated surface should be hot to touch, be careful not to burn or blister the membrane.
- 9 Install ClassicBond 228 or 304mm PS Uncured Elastoform Flashing over all field splice intersections.

* Consult ClassicBond PRO EPDM distributor for full installation details

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TECHNICAL DATA SHEET



PRECAUTIONS

- 1 Use proper stacking and storage procedures to ensure safe and suitable storage of materials.
- 2 Exercise caution when walking on wet membrane, EPDM membranes can become slippery when wet.
- 3 ClassicBond PRO rolls must be protected from water prior to installation. If the fleece gets wet ensure the fleece has dried before installation.
- 4 In warm sunny weather, shade the taped end of the rolls until ready to use.
- 5 Do not allow waste products (petroleum, grease, oils, solvents, vegetable or mineral oil, animal fats, etc.) to come into contact with the ClassicBond PRO EPDM Membrane.

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CLASSICBOND PRO EPDM TEST RESULTS

Physical Property	Test Method	SPEC. (Pass)	ClassicBond PRO
Tolerance on Nominal Thickness, 0%	ASTM D751	=/-10	=/-10
Thickness over Fleece, min. 2.54mm	ASTM D4637 Annex	0.762mm	2.54mm
Weight, kg/m ² 2.54mm			1.4
Breaking Strength, min. N 2.54mm	ASTM D751 Grab Method	400	890
Elongation, Ultimate min. %	ASTM D412	300**	480**
Tearing Strength, min. N	ASTM D751 B Tongue Tear	45	200
Puncture Resistance, Joules 2.54mm	ASTM D5635		15
Puncture Resistance, lbs 2.54mm	FTM 101C Method 2031		328
Puncture Resistance, lbs 2.54mm	ASTM D120		18
Hail Resistance 2.54mm	UL2218 Over Iso	Class 4 Rating	Pass
Brittleness point, max, °C	ASTM D2137	-45	-55
Resistance to Heat Aging* Properties after 4 weeks at 116 °C for ClassicBond PRO	ASTM D573		
Breaking Strength, min. N	ASTM D751	355	890
Elongation, Ultimate, min. %	ASTM D412	200**	225**
Linear Dimension Change, max. %	ASTM D1024	+/-1.0	-0.7
Ozone Resistance* Condition after exposure to 100pphm Ozone in air for 168 hours @ 40°C Specimen wrapped around 7.5cm mandrel	ASTM D1149	No Cracks	No Cracks
Resistance to Water Absorption* After 7 days immersion @ 70°C Change in mass, max. %	ASTM D471	+8, -2**	+2.0**
Resistance to Outdoor (Ultraviolet) Weathering* Xenon-Arc 17.640kJ/m ² (Black) and total radiant exposure at 0.70W/m ² irradiance, 80°C	ASTM G155 ASTM D4637	No Cracks No Cracks	No Cracks No Cracks

*Not a quality control test due to the time required for the test or the complexity of the test. However all tests are run on a statistical basis to ensure overall long term performance of the sheeting.

**Specimens to be prepared from coating rubber compound, vulcanized in a similar method to the reinforced product.