

RubberBond™ FleeceBack™ Adhered Roofing System

Fleeceback incorporates RubberBond EPDM laminated to a non-woven polyester fleece-backing resulting in a total finished sheet thickness of 2.54 mm. A selvage edge (fleece backing does not extend to the edge of the sheet) is provided on both edges along the length of the membrane for membrane splicing. Membrane is available in widths of 3.05 M and lengths of 15.25 M and conforms to ASTM Standard D4637-95, Type 111 (Fabric-backed membrane) with the following physical properties:

Physical Property	Test Method	SPEC.(Pass)	Sure-Seal Typical
Tolerance on Nominal Thickness. %	ASTM D 751	± 10	± 10
Thickness over Fleece. min. in (mm) 2.54 mm	ASTM D4637 Annex	.030 (.762)	.045 (1.143)
Weight 1lb/ft ² (kg/m ²) 2.54mm			0.29 (1.4)
Breaking Strength. min. lbf (N)	ASTM D751 Grab Method	90 (400)	200 (890)
Elongation, Ultimate. min, %	ASTM D 412	300**	500**
Tearing Strength	ASTM D 751 B Tongue Tear	10 (45)	45 (200)
Brittleness point, max, °F (°C)	ASTM D 2137	-49 (-45)	-75 (-59)
Resistance to Heat Ageing* Properties after 4 weeks @ 240 °F(116°C) Breaking Strength. Min, lbf (N) Elongation, Ultimate, min. % Linear Dimensional Change, max. %	ASTM D 573 ASTM D 751 ASTM D 412 ASTM D 1204	 80 (355) 200** ± 1.0	 200 (890) 310** -0.7
Ozone Resistance* Condition after exposure to 100 pphm Ozone in air for 168 hours @104°F (40°C) Specimen wrapped around 3 inch (7.5cm) mandrel	ASTM D 149	No Cracks	No Cracks
Resistance to Water Absorption* After 7 days immersion @158°F (70°) Change in mass, max. %	ASTM D 471	4.0**	2.0**
Resistance to Outdoor (Ultraviolet) Weathering* Xenon-Arc. 7560 kJ/m ² total radiant exposure at 0.70 W/m ² irradiance 176°F (80°C) black panel temperature	ASTM G 4637 Conditions	No Cracks No Cracking	No Cracks No Cracking

* 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 prepared from coating rubber compound.