

Dusted Non-Reinforced EPDM Membrane

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. Membranes with Pre-Applied Seam Tape should not be exposed to prolonged jobsite storage temperatures in excess of 90°F (32°C), otherwise the shelf life of the Seam Tape may be affected.
4. When membranes with Pre-Applied Seam Tape are used, shade the tape end of the rolls until ready to use in warm, sunny weather.

Typical Properties and Characteristics

Property	Test Method	SPEC. (Pass)	.045	.060
Tolerance on nominal thickness, %	ASTM D412	± 10	± 10	± 10
Weight, lbm/ft ² (kg/m ²)			0.26 (1.3)	0.35 (1.7)
Tensile Strength, min, psi (Mpa)	ASTM D412	1305 (9)	1600 (11.0)	1600 (11.0)
Elongation, Ultimate, min, %	ASTM D412	300	480	465
Tear Strength, min, lbf/in (kN/m)	ASTM D624 (Die C)	150 (26.3)	200 (35.0)	200 (35.0)
Factory Seam Strength, min	Modified ASTM D816	Membrane Rupture	Membrane Rupture	Membrane Rupture
Resistance to Heat Aging* Properties after 28 days @ 240°F (116°C)	ASTM D573			
Tensile Strength, min, psi (Mpa)	ASTM D412	1205 (8.3)	1500 (10.3)	1450 (10.0)
Elongation, Ultimate, min, %	ASTM D412	200	225	280
Tear Strength, min, lbf/in (kN/m)	ASTM D624	125 (21.9)	215 (37.6)	215 (37.6)
Linear Dimensional Change, max, %	ASTM D1204	± 1.0	-0.4	-0.50
Ozone Resistance* Condition after exposure to 100 pphm Ozone in air for 168 hours @ 104°F (40°C) Specimen is at 50% strain	ASTM D1149	No Cracks	No Cracks	No Cracks
Brittleness Temp., max, °F (°C)*	ASTM D746	-49 (-45)	-49 (-45)	-49 (-45)
Resistance to Water Absorption* After 7 days immersion @ 158°F (70°C) Change in mass, max, %	ASTM D471	+8, -2	+2.0	+2.0
Water vapor Permeance* Max, perms	ASTM E 96 (Proc. B or BW)	0.10	0.05	0.03
Resistance to Outdoor (Ultraviolet) Weathering* Xenon-Arc, 7560 kJ/m ² total radiant exposure at 0.70 W/m ² irradiance, 80°C black panel temp.	ASTM G155	No Cracks No Cracking	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.

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 Ph: 800-474-7570, 602-272-8128 Fax: 602-272-8014
www.BestMaterials.com Email: Sales@BestMaterials.com