

The Numbers Do Not Lie

- **EPDM flat roof** membranes have a life expectancy of at least 50 years.
- **Half-century** track record of performance and durability.
- **EPDM is Environmentally Friendly.**

Unrivalled

- **Unmatched weatherability**
- **Flexibility**
- **Economical**
- **First manufacturer** to exceed 10 billion square feet of EPDM membrane production.
- **Pressure-sensitive accessories** available for virtually any penetration or detail.

For You

- **Wide variety of sheet thicknesses and widths** – To suit each individual project and customer needs.
- **Seamless – Completely Reliable**
- **Safe** – Heat free installation.



- **Large Seamless single-ply sheets**
- **Flame free application**
- **EPDM membrane will not split, crack or rupture**
- **Not affected by extremes of temperature**
- **Little or no maintenance**
- **Life expectancy up to 50 years**
- **Lightweight**
- **Highly flexible**
- **Eco friendly**

Performance You Can Count On

The flat roofing industry was revolutionized 50 years ago with the introduction of innovative EPDM single-ply membranes. Originally these were used solely for the commercial roofing market, now it has naturally become the perfect solution for domestic flat roofs as well.

Since that time Classic Bond EPDM membranes has continued to offer innovative solutions to the roofing marketplace, but one thing remains the same – the watertight performance, durability and dependability of its EPDM membranes.

No other single-ply roof system matches the strong track record or history of our EPDM, which is why it continues to be the low-slope or flat roofing industry's material of choice.

EPDM's success is due to its many exceptional characteristics, including material longevity, weatherability and elasticity. These non-reinforced membranes are lightweight, easy to maneuver on the roof and offer optimal reroofing as well as new roofing

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Membrane Features

ClassicBond EPDM membranes			
Membrane	Standard Widths	Standard Lengths	Weight per m²
1.14mm EPDM Membranes	3.05m, 4.50m, 6.10m & 9.15m	30.5m	1.48kg

Classic Bond EPDM membranes			
Property (Metric-SI Units)	Test Method	Specifications	Typical Properties
Tolerance on Nominal Thickness, %	ASTM D412	±10	±10
Tensile Strength, min., psi (mpa)	ASTM D412	1305 (9)	1650 (11.3)
Elongation, Ultimate, min. %	ASTM D412	300	480
Tearing Strength, min., kN/m	ASTM D624 - Die C	26.3	35.0
Factory Seam Strength, min.	ASTM D816 – Mod.	Membrane Rupture	Membrane Rupture
Brittleness Point, max. deg. C	ASTM D746	-45	-55
Resistance to Heat Aging* Classic Bond aged 4 weeks at 240°F (116°C)	ASTM D573		
Tensile Strength, min. psi (mpa)	ASTM D412	1205 (8.3)	1500 (10.3)
Elongation, Ultimate, min. %	ASTM D412	200	255
Tear Strength, min., lbf/in. (kN/m)	ASTM D624 - Die C	125 (21.9)	215 (37.6)
Linear Dimensional Change, max. %	ASTM D1204	±1.0	-0.4
Ozone Resistance* Condition after exposure to 100 pphm Ozone in air for 168 hours at 104°F (40°C)	ASTM D1149	No Cracks	No Cracks
Resistance to Water Absorption* After 7 days immersion at 158°F (70°C). Change in mass, max. %	ASTM D471	+8, -2	+ 2.0
Water Vapour Permeance* Max., perms	ASTM E96 (proc B or BW)	0.1	0.05
Resistance to Outdoor (Ultraviolet) Weathering* ¹ Xenon-Arc, 7560 kJ/m ² total radiant exposure at .70 W/m ² irradiance, 80°C black panel temperature	ASTM D4637 Conditions	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 statical basis to ensure overall long-term performance of the sheeting.			
¹ Approximately equivalent to 8000 hours exposure at 158°F black panel temperature, using Xenon-Arc apparatus operated at .035 W/m ² irradiance.			