



# ClassicBond® the original EPDM

## 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.

- Manufactured by worlds largest EPDM manufacturer

## Unrivalled

- Unmatched weatherability

- Flexibility

- Economical

- Safe – Heat free installation.

- Pressure-sensitive accessories available for virtually any penetration or detail.

## For You

- Wide variety of sheet widths – To suit each individual project and customer.

- Choice of Sheet thicknesses

- Seamless – Completely Reliable

## ClassicBond EPDM Membranes

Professional grade, BBA approved EPDM membranes available in 1.14mm and 1.52mm thicknesses. All available as whole roll items on 3m cores or in a cut to size format to suit your requirements.

### Features

Available in 3.05, 4.57, 6.10, 7.63 & 9.15m wide by 30.5m long.

1.14mm & 1.52mm thick sheets

BBA approved EPDM roofing membrane



**Large seamless single ply sheets**

**Flame free installation**

**ClassicBond EPDM will not rot, split, crack or degrade**

**Not affected by extremes of temperature**

**Life expectancy of 50 years**

**Little or no maintenance**

**Highly flexible**

The flat roofing market was revolutionised over 50 years ago with the introduction of EPDM membranes. Now over 1.4 billion m<sup>2</sup> have been installed. Originally produced for the commercial flat roofing market, EPDM roofing has now become the perfect solution for domestic as well as commercial flat roofing projects.

ClassicBond EPDM continues to supply the flat roofing market with a range of EPDM membrane sizes and thicknesses and innovative products, but one thing remains the same - the watertight performance, durability and dependability of ClassicBond EPDM membranes.

Manufactured by the largest EPDM manufacturer, no other EPDM membrane can match the strong track record of the ClassicBond EPDM flat roofing system. ClassicBond EPDMs success is due to its many material characteristics of longevity, weatherability and elasticity.

ClassicBond membranes are strong, lightweight, easily installed and are the perfect solution for flat roof renovation and new flat roof installations.



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ClassicBond Roofing Systems have been awarded the British Board of Agrément certificate no. 11/4853. An Agrément certificate is only awarded to a product after it has successfully passed a comprehensive assessment involving laboratory testing, on-site evaluations and inspection of production.



The BBA is the UK's major authority offering approval and certification services to manufacturers and installers supplying the construction industry. Choosing to use BBA approved products is a sure way to avoid problems at a number of stages in the building process and any queries about the performance of key products.

ClassicBond EPDM membranes			
Membrane	Standard Roll Width	Standard Roll Length	Weight per m <sup>2</sup>
1.14mm EPDM Membranes	3.05m, 4.50m, 6.10m, 7.63 & 9.15m	30.5m	1.48kg
1.52mm EPDM Membranes	3.05m, 4.50m, 6.10m, 7.63 & 9.15m	30.5m	1.89kg

ClassicBond 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* <sup>1</sup> Xenon-Arc, 7560 kJ/m <sup>2</sup> total radiant exposure at .70 W/m <sup>2</sup> 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 statically basis to ensure overall long-term performance of the sheeting.

<sup>1</sup> Approximately equivalent to 8000 hours exposure at 158°F black panel temperature, using Xenon-Arc apparatus operated at .035 W/m<sup>2</sup> irradiance.