

## EXTERNAL, MONOLITHIC REFLECTIVE MEMBRANE



### Technical Data

Description	Standard	Performance
Weight	ISO 563	150 g/m <sup>2</sup>
Colour		Anthracite
SD-Value M	EN 1931	0.18 m
Reaction to Fire	EN 13501-1	E
Nail tear resistance MD / CD*	EN 12310-1	120 / 120 N
Resistance to water penetration	EN 13111	W1
Tensile strength MD/CD*	EN 12311-1	150 / 140 N / 50 mm
Emission Value	EN 15976	< 0.05
Temperature resistance		-20°C to 80°C
CE labelling	EN 13859-1	Available
UV Resistance		3 months
Thermal Resistance	BS ISO 9869	0.75m <sup>2</sup> K/W*

\*MD = longitudinal CD = transversal

"The information provided is based on current knowledge and experience. This data sheet may become invalid and we reserve the right to make changes to designs and processes as we continually improve quality. Processing instructions including full system component details should be adhered to. Visit [partel.com](http://partel.com) for the most up to date information"

### Advantages

- ✓ Monolithic Technology
- ✓ 15 times more durable than microporous products, due to monolithic layer
- ✓ Breathable membrane with low SD value
- ✓ Significant improvement on thermal resistance
- ✓ Cost savings
- ✓ Humidity controlling and insulation properties

### Monolithic Technology

3-Ply sarking, roof underlay and wind barrier with **Next Generation Monolithic TPE functional layer.**

**TPE membrane** actively moves moisture to outside. The **TPE functional layer** located in the middle of the product, is vapor open whilst having excellent waterproofing properties.

This Monolithic TPE layer results in a stronger, more flexible membrane with greater resistance to corrosion and abrasion compared to the micro-porous membranes that are prevalent on the market.

More importantly the Monolithic TPE layer creates a complete wind tight, waterproof membrane that actively expels out any water/ humidity unlike most micro-porous membranes that rely on small pores (which have the tendency to block).

- ✓ STRONGER
- ✓ LONGER LASTING
- ✓ WINDTIGHT
- ✓ WATERPROOF



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