



### Technical Data

Description	Standard	Performance
Weight	EN-1849-2	140 g/m <sup>2</sup>
Colour		Anthracite
SD-Value	EN ISO 12572-C	0.07 m
Vapour Permeance	ASTM E96	42.90
Surface Burning	ASTM E96	Class A
Reaction to fire	EN 13501-1	E
Air tightness (100 Pa)	EN 12114	0.001 m <sup>3</sup> /m <sup>2</sup> , h,Pa
Water resistance	EN 1928	W1 (Before & after ageing)
Tensile strength MD/CD*	EN 12311-1	305 / 175 N / 50mm
Elongation MD/CD*	EN 12311-1	65 % / 70 %
Nail tear resistance MD/CD*	EN 12310-1	155 N / 190 N
Temperature resistance		-40°C to 80°C
CE labelling	EN 13859-1; 2	Available
UV Resistance		3 months
Hazardous substances		None
Minimum roof slope		10°
Artificial ageing by	EN 1296 /	Passed

\*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

- ✓ Elastic and Durable
- ✓ Monolithic Technology
- ✓ Ideal Airtightness and Vapour transmission
- ✓ Optimal UV stability
- ✓ Long term resistance to driving rain
- ✓ Windproof / Diffusion open

### 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 water-proofing properties.

Excellent aging resistance due to monolithic technology. Integrated tapes available in **Connect** version ensure optimum windtightness.

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



EN 13859-1; 2



[www.partel.ie](http://www.partel.ie)  
sales@partel.ie  
P: 0818 33 33 55



[www.partel.co.uk](http://www.partel.co.uk)  
sales@partel.co.uk  
P: 02037 401918



[www.partel.com](http://www.partel.com)  
sales@partel.com  
P: 888 487 1012