Partel
Save energy. Build smart.

EXOPERM™ 150
MONO

MONOLITHIC TECHNOLOGY

Technical Data

Description	Standard	Performance
Weight	EN-1849-2	140 g/m^2
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 m³/m², 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

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**

CE
EN 13859-1; 2

Partel
SYSTEM WARRANTY