

EXOPERM™ 200 MONO DURO



Advantages

- ✓ Increased Fire Resistance— B1
- ✓ Monolithic Technology
- ✓ High Level of UV Resistance
- ✓ Ideal Airtightness and Vapour transmission
- ✓ Long term resistance to driving rain
- ✓ Windproof / Diffusion open
- ✓ Systematic safety and energy-efficient solution
- ✓ Black surface

Technical Data

Description	Standard	Performance
Weight	EN-13859-2	195 ± 10%
Reaction to Fire	EN-13859-2	E
Sd-Value	EN 13859-2	0.13 ± 0.03 m
Air tightness [50 Pa]		0,01 m³/m², h, Pa
Resistance to water penetration	EN 1928	W1 (Before & after ageing)
Fire Resistance	DIN 4102	B1
Nail Tear Resistance MD / CD*	EN-13859-2	210 / 300 N
Elongation MD / CD* before and after ageing	EN-13859-2	50 / 70 % ± 15% 40 / 60 % ± 15%
Tensile Strength MD/CD* before and after ageing	EN-13859-2	340 / 240 N / 5cm ± 30% 320 / 220 N / 5cm ± 30%
Temperature resistance		-40°C to +80°C
CE labelling		Available
UV Resistance		> 10 years**
Resistance to water pressure		> 400 [cmWS]
Roll length		1.5 / 50 m

Monolithic Technology

2-Ply sarking, roof underlay and wind barrier with **Next Generation Monolithic TPU functional layer**. Excellent aging resistance due to Monolithic Technology.

This Monolithic TPU 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 TPU 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

✓ WINDTIGHT

✓ LONGER LASTING

✓ WATERPROOF

*MD = longitudinal CD = transversal

**does not apply in the case of open air weathering, but only when clad with a distance of approx. 5 cm and a maximum joint area of 40%

"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 for the most up to date information"



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General Conditions

Partel **EXOPERM MONO DURO 200** membranes should be laid with the printed side facing the installer.

Membranes are suitable as roofing/decking underlays. They are resistant to driving rain and wind. Apply onto the existing support structure, parallel to eaves with overlaps of 100mm (4") in a taught manner. It should be nailed or screwed under the overlapped section.

Tape all joints using **CONEXO** or **VARASEAL**. Use Nail Seal underneath all battens.

Penetrations should be sealed using **KABSEAL** or **BUTAFLEX** and edge connections can be sealed with **ACRABOND**, **ACRALINE** or Partel tapes. Cross battens are recommended for ventilation and additional security. Wall membranes are suitable only for wall installation. Roof membranes can be used on walls and roof. Partel membranes can be used as temporary roof cover for 3 months, roof pitch must be 15' or greater.

During installation membranes should be immediately secured or fixed down to avoid wind damage.

Connection joints should be free from tensile strain. Acrylic base adhesive tapes are pressure activated, sufficient pressure is required to ensure a long lasting bond. A smoother physical substrate will result in optimum adhesion between tape and surface. It is the responsibility of the applicator to check the substrate for suitability, adhesion tests are recommended in non standard situations. Use Acraprime to prime all rough, porous or dusty surfaces.

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