

SELF-ADHESIVE MONOLITHIC WINDTIGHT MEMBRANE

Technical Data

Description	Standard	Performance
SD Value	EN ISO 12572	0.26 m
Weight	EN-1849-2	250 g/m ²
Reaction to Fire	EN-13501-1	E
Nail Tear Resistance MD/CD*	EN-13859-1 (B) / -2(B)	180/200 N
Tensile Strength MD/CD	EN 13859-1 (B) / -2 (B)	265/155 N / 50 mm
Resistance to water penetration	EN 1928	W1
Vapour Permeance	ASTM E 96	13 US PERMS
Colour		Anthracite
CE Mark	EN-13859-1;2	Available
Flexibility at low temperature	EN 1109	- 40°C to 80°C
UV Resistance		4 months
Roll length		1.45 / 30 m
Hazardous Substances		None

*MD = longitudinal CD = transversal

Advantages

- ✓ Self-Adhesive Technology
- ✓ Monolithic Technology
- ✓ Ideal Airtightness and Vapour transmission
- ✓ Windproof but Diffusion open
- ✓ Excellent Aging Resistance
- ✓ Good UV Stability
- ✓ Long term resistance to driving rain

SELF-ADHESIVE AND MONOLITHIC TPE LAYER TECHNOLOGY

The Self-Adhesive Technology which integrates a clear release liner, provides fast, easy, safe and perfect application of the membrane due to its high-performance adhesive — applied on the entire membrane surface.

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).

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



"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 SA 250** membrane can be installed without requiring a primer or additional adhesive tapes.

The substrate condition is decisive to the adhesion performance of the self-adhesive membranes. Substrates must be clean and free of dust, grease, or any contaminants.

The weather protection membrane should be laid with the printed side facing the installer and can be applied quickly on all stable surfaces, adhering fully to the substrate.

Locating the penetrations is essential to ensure complete weather and airtight installation.

Allow the rolled-up EXOPERM MONO SA 250 to drop down the wall, with the remainder of the clear release liner still attached, checking for proper alignment. Reposition as needed - the material is very tolerant. When aligned, apply heavy hand pressure across the entire adhered section. Roll up the membrane with the release liner facing outward. Slowly pull the release film down the wall, allowing the rolled-up membrane to unfurl. Continue until all the release film has been removed and apply heavy pressure to the entire substrate to ensure full adhesion. Secure the connection with a two-handed roller to ensure proper adhesion to the substrate.

Apply onto the existing support structure with overlaps of 100mm (4") in a taught manner. Vertical seams should be staggered from floor to floor to avoid wind damage.

EXOPERM MONO SA 250 is resistant to driving rain and wind.

Penetrations should be sealed using **KABSEAL** or **CONLEX BUTYL**. Cross battens are recommended for ventilation and additional security.

Partel membranes can be used as a temporary roof cover for 3 months, roof pitch must be 15' or greater.

The acrylic-based adhesive integrated into the membrane is pressure activated, sufficient pressure is required to ensure a long-lasting connection. A smoother physical substrate will result in optimum adhesion between membrane and surface. It is the responsibility of the applicator to check the substrate for suitability, adhesion tests are recommended in non-standard situations.

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