

## Partel EXOPERM MONO DURO A2

has been developed as a limited-combustible, Class A2, highly breathable membrane based on Monolithic Technology. Designed for installation on the façades of high-rise and high-risk buildings, providing a high standard of fire-performance and protection for the assembly.

**Advanced Technology** – the integrated glass fibre fabric is non-combustible. The material offers superior aging resistance and dimensional stability, as well as heat resistance up to 100°C. This provides architects and specifiers with assurance that the membrane will have a very limited contribution to fire.

**Compliant with Building Regulations Approved Document B:** Fire Safety, EXOPERM MONO DURO A2 product system has been independently tested and certified as A2 in accordance with BS EN 13501-1.

**Safer emissions** – during a fire, it will not pose a risk of smoke inhalation for people, as it produces minimal to no smoke and does not release flaming droplets.

**Monolithic Technology** - The Monolithic functional layer provides enhanced protection for the building envelope - transports vapour to outside, having great waterproofing properties, and creates a complete wind tight membrane that actively expels out any water/humidity – thermal insulation is protected from damage, enhancing energy efficiency.

**Integrated product system** – take advantage of our reliable and durable product system, which comes with a 20-year warranty.

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### CONNECT WITH US



Partel 

# EXOPERM™ A2 MONO DURO

## EXCEED FIRE-SAFETY STANDARDS WITH EXOPERM MONO DURO A2

Fire-performance Breather Membrane



EUROCLASS  
A2-S1, D0

EXOPERM™ A2  
MONO DURO





# TECHNICAL DATA



## GENERAL CHARACTERISTICS

MATERIAL	INNOVATIVE GLASS FIBRE AND BLACK COATING
WEIGHT	225 G/M <sup>2</sup>
THICKNESS	0.23 MM
COLOUR	BLACK

## ESSENTIAL CHARACTERISTICS

WATER VAPOUR PERMEABILITY (SD VALUE)	EN 12572	0.09 M
VAPOUR RESISTANCE (G VALUE)	EN 12572	0.47 MNS/G
REACTION TO FIRE	EN 13501-1	EUROCLASS A2-S1,D0
RESISTANCE TO WATER PENETRATION BEFORE AGEING AFTER AGEING AT 5000 HOURS UNDER UV	EN 13111	W2, PASS W2, PASS
TENSILE STRENGTH MD/CD	EN 12311-1	4200 / 3100 N / 50MM
ELONGATION MD/CD	EN 12311-1	6 / 5% ±2
NAIL TEAR RESISTANCE MD/CD	EN 12310-1	290 / 390 N ±75
AIRTIGHTNESS	EN 12114	0.006 M <sup>3</sup> /M <sup>2</sup> .H @50PA
WATER VAPOUR DIFFUSION	EN 12572	458 μ
UV RESISTANCE (WITHOUT CLADDING, 50% AND 50MM JOINTS)		PERMANENT
FLEXIBILITY AT LOW TEMPERATURES		-36°C
CE LABELLING	EN 13859-2	AVAILABLE

## PACKAGING CHARACTERISTICS

WIDTH	1.5 M
LENGTH	50 M
TOTAL M <sup>2</sup>	75 M <sup>2</sup>

## EXOPERM MONO DURO A2 ACCESSORY SYSTEM



### ECHOSEAL ALU FR

Fire-rated air and windtight adhesive tape

## TYPICAL APPLICATIONS

- ✓ Closed, open or rear ventilated façade
- ✓ Roof installation
- ✓ High-rise, high-risk buildings - schools, offices, hospitals, hotels, commercial centres, residential developments, etc.
- ✓ Timber and steel/metal framed constructions
- ✓ New builds and refurbishments



TECHNICAL SUPPORT

