

Partel EXOPERM DURO A1

has been developed as a non-combustible, Class A1, highly breathable membrane for installation on the façade of high-rise and high-risk buildings. It offers the highest standard of fire-safety and protection for the assembly.



Advanced Technology – the integrated glass fibre fabric is non-combustible, providing architects and specifiers with assurance that the membrane **will not contribute to fire growth.**

Compliant with Building Regulations Approved Document B: Fire Safety, EXOPERM DURO A1 product system has been independently tested and certified as A1 non-combustible in accordance with BS EN 13501-1.

Safest emissions – during a fire, it will not pose a risk of smoke inhalation for people, as it will not emit any smoke or flaming droplets.

Optimum wind tightness and vapour transmission.

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™ A1 DURO

EXCEED FIRE-SAFETY STANDARDS WITH EXOPERM DURO A1

Non-combustible Breather Membrane



EXOPERM™ A1
DURO



TECHNICAL DATA



GENERAL CHARACTERISTICS

MATERIAL	INNOVATIVE GLASS FIBRE
WEIGHT	210 G/M ²
THICKNESS	0.18 MM
COLOUR	SILVER/WHITE

ESSENTIAL CHARACTERISTICS

WATER VAPOUR PERMEABILITY (SD VALUE)	EN 12572	0.03 M
VAPOUR RESISTANCE (G VALUE)	EN 12572	0.15 MNS/G
REACTION TO FIRE	EN 13501-1	EUROCLASS A1
WATER PENETRATION	EN 13111	W2, PASS
TENSILE STRENGTH MD/CD	EN 12311-1	3500 / 1800 N / 50MM
ELONGATION MD/CD	EN 12311-1	5 / 4% ±2
NAIL TEAR RESISTANCE MD/CD	EN 12310-1	350 / 420 N ±50
AIRTIGHTNESS	EN 12114	27 M ³ /M ² .H @50PA
WATER VAPOUR DIFFUSION	EN 12572	177 μ
UV RESISTANCE (WITHOUT CLADDING)		3 MONTHS
FLEXIBILITY AT LOW TEMPERATURES		-36°C
CE LABELLING	EN 13859-2	AVAILABLE

PACKAGING CHARACTERISTICS

WIDTH	1.5 M
LENGTH	50 M
TOTAL M ²	75 M ²

EXOPERM DURO A1 ACCESSORY SYSTEM



ECHOSEAL ALU FR

Fire-rated air and windtight adhesive tape

TYPICAL APPLICATIONS

- ☑ Façades with closed joints
- ☑ 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

