

Partel IZOPERM PLUS A2 has been developed as a limited combustible Class A2 vapour control layer. It is designed to safeguard critical structural components and enhance the building fabric in terms of airtightness, energy efficiency, and moisture management, while providing a high standard of fire performance.



Advanced Technology – both aluminium and glass fibre fabric integrated into the composition are non-combustible. The material also guarantees excellent aging resistance, dimensional stability, and heat resistance of up to 600°C.

This provides architects and specifiers with a membrane that offers superior levels of fire performance and a very limited contribution to fire.

Compliant with Building Regulations Approved Document B: Fire Safety, IZOPERM PLUS 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.

Meets requirements of Building Regulations Approved Document L for permeability, airtightness, and condensation control, thereby ensuring proper management of water vapour for sustainable construction.

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

Partel 

IZOPERM™ A2 PLUS

 **EUROCLASS A2-S1, D0**

EXCEED FIRE-SAFETY STANDARDS WITH IZOPERM PLUS A2

Fire-performance Vapour Control Layer



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CONNECT WITH US



TECHNICAL DATA



IZOPERM™ A2 PLUS

GENERAL CHARACTERISTICS

MATERIAL	LACQUERED ALUMINIUM AND INNOVATIVE GLASS FIBRE
WEIGHT	175 G/M ²
COLOUR	SILVER

ESSENTIAL CHARACTERISTICS

WATER VAPOUR PERMEABILITY (SD VALUE)	EN 1931	2000 M
VAPOUR RESISTANCE (G VALUE)	EN 1931	10.000 MNS/G
REACTION TO FIRE	EN 13501-1	EUROCLASS A2-S1,D0
WATER PENETRATION	EN 1928	W1, PASS
TENSILE STRENGTH MD/CD	EN 12311-1	800 / 800 N / 50MM
ELONGATION MD/CD	EN 12311-1	4 / 4% ±2
NAIL TEAR RESISTANCE MD/CD	EN 12310-1	170 / 150 N
EMISSIVITY	EN 15956	≤ 0.05
VAPOUR PERMEANCE	ASTM E96	0.00
SURFACE BURNING	ASTM E96	CLASS A
FLEXIBILITY AT LOW TEMPERATURES		-40°C
CE LABELLING	EN 13859	AVAILABLE

*The fire classification was obtained with Partel adhesive tape, tested as a system.

PACKAGING CHARACTERISTICS

WIDTH	1.2 M
LENGTH	50 M
TOTAL M ²	60 M ²

IZOPERM PLUS A2 ACCESSORY SYSTEM



ECHOSEAL ALU FR

Fire-rated air and windtight adhesive tape

TYPICAL APPLICATIONS

- ✓ Wall, ceiling, and floor
- ✓ Warm, cold and hybrid roof applications
- ✓ 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

