Partel
Save energy. Build smart.

EXOPERM™ A2 MONO DURO

CLASS A2-S1, D0
NON-COMBUSTIBLE
BREATHABLE MEMBRANE

Technical Data Sheet

Description	Standard	Performance
Weight		225 g/m²
Colour		Black
Thickness		0.23 mm
Sd Value	EN 12572	0.09 m
g value		0.45 MNs/g
Reaction to Fire	EN 13501-1	A2-s1, d0
Water Resistance	EN 13111	W2
Airtightness	EN 12114	0,006 m³/(h x m² x 50 Pa)
Emissivity	EN 16012	95%
Tensile strength MD/CD*	EN 12311-1	4 200 / 3 100 N / 50mm
Elongation MD/CD	EN 12311-1	6 / 5% ±2
Nail Tear Resistance MD/CD*	EN 12310-1	290 / 390 N ±75
CE labelling	EN 13859-1 / 13859-2	Available
Water vapour diffusion	EN 12572	458 μ
UV resistance	Without cladding, 50% and 50% mm joints	Permanent

*MD = longitudinal CD = transversal

Advantages

EXOPERM MONO DURO A2 has been developed as a non-combustible highly breathable membrane, **Class A2** for installation on the façade and roof, in high-rise and high-risk buildings.

- √ Integrates Monolithic functional layer
- √ **Reaction to fire A2-s1,d0**
- √ W2 water resistance properties
- √ Advanced glass fibre fabric and black coating
- √ Long-time resistance to driving rain
- √ The material assures superior aging resistance and dimensional stability
- √ Heat-resistant—improves the structural safety and longevity in all building types
- √ Meets a high level of structural fire-safety
- √ Ideal wind tightness and vapour transmission
- √ UV resistant
- √ Easy to cut and install

EUROCLASS A2-S1, D0

CE

UKCA

20 YEARS PARTEL WARRANTY

"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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Fields of Application

Partel **EXOPERM MONO DURO A2** can be installed as a non-combustible breathable membrane and windtight layer for the external building envelope, offering the highest standard of fire-safety and protection for tall buildings.

- Façade, roof
- Residential and commercial building
- High-rise, high-risk and public buildings (schools, offices, commercial centres, hospitals, etc.)
- New builds and retrofits
- Timber frame constructions
- Metal frame constructions
- Offsite construction
- Compatible with all insulation types
- Complies with different project requirements

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