



**CLASS A1, NON-COMBUSTIBLE  
BREATHABLE MEMBRANE**

**Technical Data Sheet**

Description	Standard	Performance
Weight		210 g/m <sup>2</sup>
Colour		Silver/white
Thickness		0.18 mm
Sd Value	EN 12572	0.03 m
g value		0.15 MNs/g
Reaction to Fire	EN 13501-1	A1
Water Resistance	EN 13111	W2
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 ±75
CE labelling	EN 13859-1 / 13859-2	Available
Water vapour diffusion	EN 12572	177 μ
UV resistance		3 months (without cladding)

**Advantages**

EXOPERM DURO A1 has been developed as a non-combustible highly breathable membrane, **Class A1** for installation on the façade, in high-rise and high-risk buildings.

- ✓ W2 water resistance properties
- ✓ Advanced glass fibre fabric
- ✓ Long-time resistance to driving rain
- ✓ **Reaction to fire A1**
- ✓ The material assures superior aging resistance and dimensional stability
- ✓ Heat-resistant—improves the structural safety and longevity in all building types
- ✓ Meets the highest standard for structural fire-safety
- ✓ Ideal wind tightness and vapour transmission
- ✓ UV resistant
- ✓ Easy to cut and install



\*MD = longitudinal CD = transversal

*"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 DURO A1** 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.

- Façades
- Residential and commercial buildings
- 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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