



## AQUABOARD

### Description

AquaBoard is a unique sheathing board, 12,5 mm thick, compliant to EN 15283-1 (Type GM-H1 GM-I), composed by:

- hydrophobic liner made of a blend of fibres that are impregnated with binders and water repellent additives
- water resistant robust gypsum core, formulated with biocide.

AquaBoard is formulated to offer water and mould-resistant performance and to resist to decay, delamination and deterioration due to direct weather exposure during the jobsite: once installed, it can be left directly exposed to weathering up to 6 months without rendering or surface protection.

### Intended use

- External sheathing board substrate for direct render (ITC-CNR Technical Agreement and BBA Certificate 10/4725 ps1)
- External sheathing board substrate for EIFS (BBA Certificate 10/4725 ps2)
- Outdoor unexposed applications (render not needed): ceilings, eaves, soffits, canopies, linings, walls
- Indoor applications (render not needed): partitions, linings and ceilings in wet and high humidity areas as swimming pools, showers etc.

### Features

Type of board	GM-H1 GM-I
Edges	Tapered
Nominal thickness	12,5 mm
Nominal width	1200 mm
Nominal length	2000 / 3000 mm
Thickness tolerance	± 0,5 mm
Width tolerance	0/-4 mm
Length tolerance	0/-5 mm
Squareness tolerance	≤ 2,5 mm/m
Weight	11 kg/m <sup>2</sup>
Reaction to fire	Euroclass A2-s1,d0
Thermal conductivity	λ = 0,25 W/mK
Water vapour diffusion resistance factor	μ = 11
Surface water absorption	< 100 g/m <sup>2</sup>
Total water absorption	< 3 %
Dimensional change (EN 318) from 20 °C / 65 % RH to 20 °C / 90 % RH	
- Longitudinal direction	0,15 mm/m
- Transverse direction	0,11 mm/m
Mould growth resistance (ASTM D3273)	No mould growth neither on front and back face
Flexural breaking load	
- Longitudinal direction	≥ 540 N
- Transverse direction	≥ 210 N
Surface hardness (diameter of the depression)	≤ 15 mm
Impact resistance (EN 1128)	IR = 13,4 mm/mm
Sustainability	
- Recyclability	100 %
- Recycled content	≥ 22 % <i>Self-declared environmental claim EN ISO 14021, validated by ICMQ</i>

#### Contatti

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