



AquaBoard BA 13

Tapered edges (BA), external sheathing panel made of a treated, water resistant core, surfaced with a water repellent liner. Thickness 12,5 mm.

Siniat Technical Department provides support to design and installation phases with advice

in the context of static, acoustic, thermal and protection to fire according to the existing rules.

Technical Data

WIDTH (TOLERANCE 0/-4 MM)	1200 mm
LENGHT (TOLERANCE 0/-5 MM)	2000, 3000 mm
EDGES	BA (Tapered Edges)
THICKNESS (TOLERANCE 0/-5 MM)	12,5 mm
DENSITY MEDIUM VALUE (*)	860 Kg/m ³
WEIGHT AVERAGE VALUE (*)	10,8 Kg/m ²
HARDNESS SURFACE	< 20 mm (Impact diameter)
RESISTANCE LONGITUDINAL MINIMUM PROJECT VALUE	550 N
RESISTANCE TRANSVERSAL MINIMUM PROJECT VALUE	250 N
THERMAL RESISTANCE	R = 0,05 m ² K/W
THERMAL CONDUCTIVITY	λ = 0,25 W/mk (acc EN12524)
FIRE REACTION	A2-s1, d0(B) (acc 13501-1)
MOISTURE RESISTANCE (after 2h total immersion in water)	< 3%
WATER VAPOUR RESISTANCE FACTOR	μ = 11 (acc EN12572)
INTENDED USES	walls, partitions, linings and ceilings.

(*) average values, referred to production values, are indicative.

EUROPEAN STANDARD:
EN15283-1 and UNI EN 520.

TYPE OF BOARD:
D, E, F, H1, I – on the base of Initial Type Test (ITT)

AquaBoard is a unique external sheathing panel made of a treated, water resistant core, surfaced with a water repellent liner. It provides superb protection from the elements and is resistant to decay, delamination and deterioration due to direct weather exposure during the jobsite and can be used as an external sheathing board substrate.

The board is stronger, harder and heavier than standard plasterboard and has superior fire resistance, sound insulation and impact resistance.

Composition

- hydrophobic liner made of a blend of fibres that are impregnated with binders and water repellent additives
- a water resistant high density gypsum core. Core and liner are bonded with starch. The core contains a biocide to prevent mould growth.

Applications

AquaBoard can be used:

- as an external sheathing board substrate for un-insulated render systems (see BBA certificate 10/4725 ps1),
- as lining for external unexposed eaves, soffits and canopies,
- for any partition and lining exposed to direct weather exposure for a maximal period of 6 months (when buildings may not be weather tight yet).

Contatti

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