

DecibelBoard/Aqua

(SOUNDPROOFING GYPSUM BOARD)

EN 520

PRODUCT DESCRIPTION

DecibelBoard/Aqua is a premium class gypsum building board of increased density, reinforced, with high soundproofing performance. Manufactured with application of unique technologies the board has several predominant features: extended fire-endurance period, high resistance to moisture and impact.

COMPOSITION

- high-density gypsum;
- reinforced cardboard facing sheets;
- glass fiber

SIZE AND WEIGHT

Modifications	Length, mm	Width, mm	Thickness, mm	Sheet Area, m ²	Sheet Weight, kg
DecibelBoard	2 000	1 200	12,5	3	36
DecibelAqua	2 500	1 200	12,5	3	36

SPECIFICATIONS

Parameter	DecibelBoard	DecibelAqua
Airborne sound reduction index, Rw	28	28
Density, kg/m ³	1050	1050
Bending strength of 12.5- mm board	over 725 (longitudinal) over 300 (cross-direction)	over 725 (longitudinal) over 300 (cross-direction)
Water absorption (2-hour soak period), % by weight	25 max	10 max
EN 520 classification	DFIR	DFH2IR

LONGITUDINAL EDGE PROFILES

Featheredge



APPLICATION

- used for installation of framed partitions, suspended ceilings, wall cladding in the premises requiring higher standards of soundproofing;
- as a finish layer in soundproofing systems with Tecsound, Sonoplat, Termozvukoizol, AcousticGyps M1 materials.

IMPORTANT! It is required to condition DecibelBoard/Aqua boards at a room temperature for 1-2 days prior to installation.

FEATURES

- high soundproofing performance (in comparison with conventional gypsum boards);
- the board is manufactured of high-quality cardboard, which makes finishing works easier and quicker;
- compatibility of several features in one board: enhanced fire resistance, high resistance to moisture and impact;
- high density of gypsum core;
- mineral fiber reinforcement.

CERTIFICATES

1. Test report on fire resistance of structure
2. EN 520 compliance protocol

PACKAGING AND TRANSPORTATION

Modifications	Packing Type	Number of Boards per Pallet, pcs.	Area on Pallet, m ²	Pallet Weight, kg	Number of Pallets in Euro Trailer, pcs.	Area in Trailer, m ²	Full Loaded Weight, kg
DecibelBoard	pallet	39	117	1450	16	1520	23200
DecibelAqua	pallet	39	117	1450	16	1520	23200

Euro Trailer loading: rear or side.