

FIBRANgypS SUPER CARE



Product Description

Special gypsum plasterboard produced with the innovative FIBRAN CARE Technology, for special application, with higher strength, higher surface hardness, controlled density, reduced water absorption (H1) and with additional glass fiber to improve core adhesion at high temperatures.

Type D-F-H1-I-R, CE marked according to UNI EN 520, one decorative light blue face. Tapered edge BA13, thickness: 12,5mm.

No emission of pollutants in the indoor environment – classification A+ in accordance with EN ISO 16000-09.

FIBRAN CARE Technology : neutralization of air pollutants (VOC) and odors without releasing them back into the environment – tested by independent lab according to EN ISO 16000-23.

Applications

Suitable where superior mechanical and acoustic performances are required (+30%; +5dB compared to standard boards), also in combination with fire (EI 120) and/or humidity resistance as Hospitals, Schools, Houses and Hotels.

Features	U. M.	Value	Standard
Edge	-	BA Tapered edges	EN 520
Width	mm	1200	EN 520
Thermal conductivity (at 10°C)	W/m K	$\lambda_d = 0,25$ theoretical value	EN 10456
Reaction to fire	Class	A2-s1,d0	EN 520
Cohesion at high temperatures	min	> 15	
Specific Heat Capacity	kJ/kg K	$c_p = 1,0$ theoretical value	EN 10456
Water vapor resistance factor	-	$\mu = 10$ theoretical value	EN 10456
Density	kg/m ³	> 1015	EN 520
Depression of steel ball	mm	< 15	EN 520
Surface water absorption	%	< 5	EN 520
Total water absorption	g/m ²	≤ 180	EN 520

Type	Thickness [mm]	Weight [kg/m ²]	Length [m]	Long. flex. [N]	Transv. flex. [N]
BA13	12,5	12,7	2,0 – 3,0	≥ 725	≥ 300

Marking on the rear face:

FIBRANgypS SUPER CARE – sp. 12,5mm - CE – D,F,H1,I,R - EN 520 A2-S1,d0(B) – A+; date and time of production- D.o.P number.

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