

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 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 | ≥ 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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