

GYPSUM PLASTERBOARD
DRYWALL CONSTRUCTION



GLASS SHIELD

Application

The GYPFOR GLASS SHIELD plasterboard is suitable for semi-weather or indoor applications in high humidity areas. Reinforced with glass fiber in its core, presents high resistance and an improved fire reaction (A1).

Plasterboard with low water absorption for application in areas with high ambient humidity, such as bathrooms, kitchens, changing rooms, laundry rooms, collective showers in hospitals, hotels and schools. Suitable for:

- Continuous suspended or fixed ceilings;
- Partition walls;
- Existing wall linings;
- Facades.

Physical Characteristics

Board Type
EN 15283-1 GM-F, H1, I, R

Core
Non-combustible, dimensionally stable, inert gypsum

Paper
Glass fiber; color marfil

Longitudinal Edge
Tapered edge (TE)

Transversal Edge
Square edge (SE)

Label colour
Black

Laminated plasterboard covered on both sides with fiberglass to reduce water absorption and improve fire resistance. Gypsum board primer should be applied before painting or adding any textural material.



Technical specifications

Dimensional tolerances

Thickness:	±0.7 mm
Width:	+0/-4 mm
Length:	+0/-5 mm

Board type

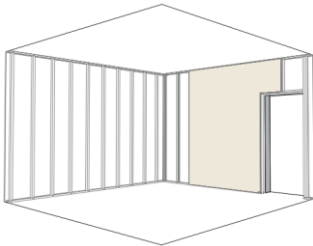
TYPE AQUA, FIRE, ACOUSTIC

GM-F, H1, I, R EN 15283-1

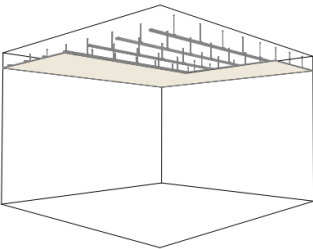
Reaction to fire		A1	EN 13501-1
Thermal conductivity	<i>W/(m.°C)</i>	0.25	EN ISO 10456
Density	<i>kg/m³</i>	≥ 950	
Water vapor resistance		10	EN ISO 10456
Specific heat	<i>kJ/(kg.°C)</i>	1	EN 12524
Air permeability	<i>m³/(m².S.Pa)</i>	1.4 x 10 ⁶	
Surface hardness	<i>mm</i>	≤ 15	EN 15282
Water resistance	<i>%</i>	≤ 5	EN 15283-1
Dimensiones			
Thickness	<i>mm</i>	12.5	
Width	<i>mm</i>	1200	
Lengths	<i>mm</i>	2400	

Application

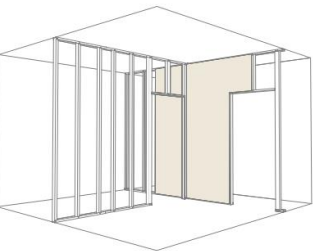
Wall Linings



Ceilings



Partitions



Approximate weight

Board thickness 12.5 mm	<i>kg/m²</i>	12.00
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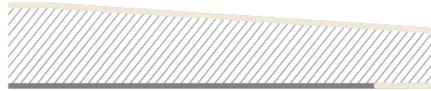
Breaking loads

EN 15283-1

Thickness		12.5
Longitudinal	<i>N</i>	≥ 725
Transverse	<i>N</i>	≥ 300

Edge type

Tapered Edge - TE



This plasterboard has a non-combustible core and additives that improve its mechanical resistance to fire, making it suitable for systems with special fire protection requirements. It also has a special water repellency treatment for increased moisture resistance, however it is not indicated for application in direct contact with water. It can be coated with ceramics or similar materials.

Sizes (mm)

