



GLASS SHIELD

Application

The GYPFOR GLASS SHIELD plasterboard is suitable for semiweather 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. GYPSUM PLASTERBOARD DRYWALL CONSTRUCTION



GLASS SHIE



Technical specifications

| | Board type | | TYPE AQUA, FIRE, ACOUSTIC | |
|------------------|-------------------------|---|--|--|
| tolerances | | | GM-F, H1, I, R | EN 15283-1 |
| ±0.7 mm | Reaction to fire | | A1 | EN 13501-1 |
| +0/-4 mm | Thermal conductivity | W/(m.°C) | 0.25 | EN ISO 10456 |
| Length: +0/-5 mm | Density | kg/m3 | ≥ 950 | |
| | Water vapor resistance | | 10 | EN ISO 10456 |
| | Specific heat | kJ/(kg.⁰C) | 1 | EN 12524 |
| | Air permeability | m3/(m2.S.Pa) | 1.4 x 10 ⁶ | |
| | Surface hardness | mm | ≤ 15 | EN 15282 |
| | Water resistance | % | ≤ 5 | EN 15283-1 |
| | Dimensiones | | | |
| | Thickness | mm | 12.5 | |
| | Width | mm | 1200 | |
| | Lengths | mm | 2400 | |
| Wall Linings | Approximate weight | | | |
| | Board thickness 12.5 mm | kg/m² | 12.00 | |
| | Breaking loads | | | EN 15283-1 |
| | Thickness | | 12.5 | |
| | Longitudinal | N | ≥ 725 | |
| | Transverse | N | ≥ 300 | |
| | ±0.7 mm +0/-4 mm | tolerances ±0.7 mm +0/-4 mm +0/-5 mm Pensity Water vapor resistance Specific heat Air permeability Surface hardness Water resistance Dimensiones Thickness Width Lengths Approximate weight Board thickness 12.5 mm Breaking loads Thickness Longitudinal | tolerances ±0.7 mm +0/-4 mm +0/-4 mm +0/-5 mm Holerance Pensity Water vapor resistance Specific heat Specific heat Mater vapor resistance Specific heat Specific heat Mater resistance Surface hardness Surface hardness Mater resistance Mater resistance | GM-F, H1, I, R $\pm 0.7 \text{ mm}$ Reaction to fireA1 $\pm 0.7 \text{ mm}$ Thermal conductivity $W/(m. \circ C)$ 0.25 $\pm 0/-4 \text{ mm}$ Thermal conductivity $W/(m. \circ C)$ 0.25 $\pm 0/-5 \text{ mm}$ Density $kg/m3$ ≥ 950 Water vapor resistance10Specific heat $kJ/(kg. \circ C)$ Air permeability $m3/(m2.S.Pa)$ 1.4×10^6 Surface hardness mm ≤ 15 Water resistance% ≤ 5 DimensionesThickness mm Thickness mm 12.5Width mm 2400Approximate weightBoard thickness 12.5 mm kg/m^2 Breaking loadsThickness12.5Longitudinal N ≥ 725 |



Edge type Tapered Edge - TE

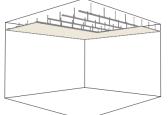
This plasterboard has a non-combustible core and additives that improve its mechanical resistance to fire, making it suitable for systems with special fire protection requirements. It also has a special water repellency treatment for increased moisture resistance, however it is not indicated for application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

Sizes (mm)

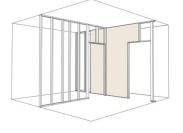


EURO**GYPSUM** CE

To maintain GYPFOR GLASS SHIELD performance integrity, the drywall plasterboard should be protected from exposure to adverse conditions during storage and construction.



Partitions



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