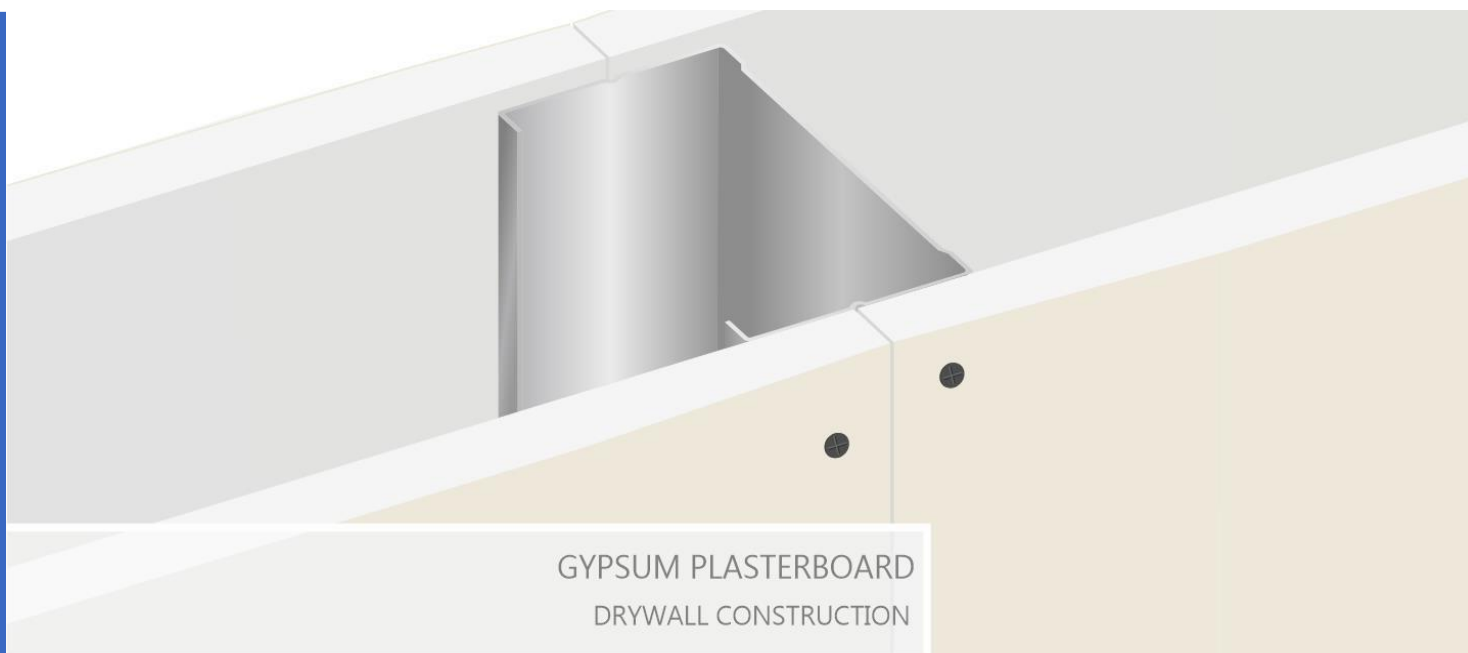


AENOR

GESTÃO
DE QUALIDADE
ISO 9001



EUROGYPSUM



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

 $W/(m \cdot ^\circ C)$

0.25

EN ISO 10456

Density

 kg/m^3

≥ 950

Water vapor resistance

10

EN ISO 10456

Specific heat

 $kJ/(kg \cdot ^\circ C)$

1

EN 12524

Air permeability

 $m^3/(m^2 \cdot S \cdot Pa)$ 1.4×10^6

Surface hardness

mm

≤ 15

EN 15282

Water resistance

%

≤ 5

EN 15283-1

Dimensions

Thickness

mm

12.5

Width

mm

1200

Lengths

mm

2400

Approximate weight

Board thickness 12.5 mm

 kg/m^2

12.00

Breaking loads

EN 15283-1

Thickness

mm

12.5

Longitudinal

N

≥ 725

Transverse

N

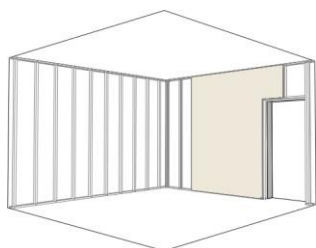
≥ 300

Edge type

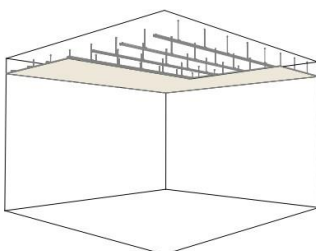
Tapered Edge - TE

Application

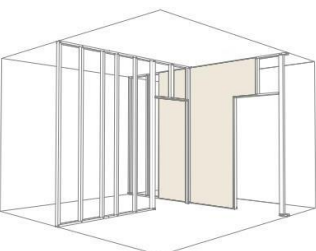
Wall Linings



Ceilings



Partitions



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)

