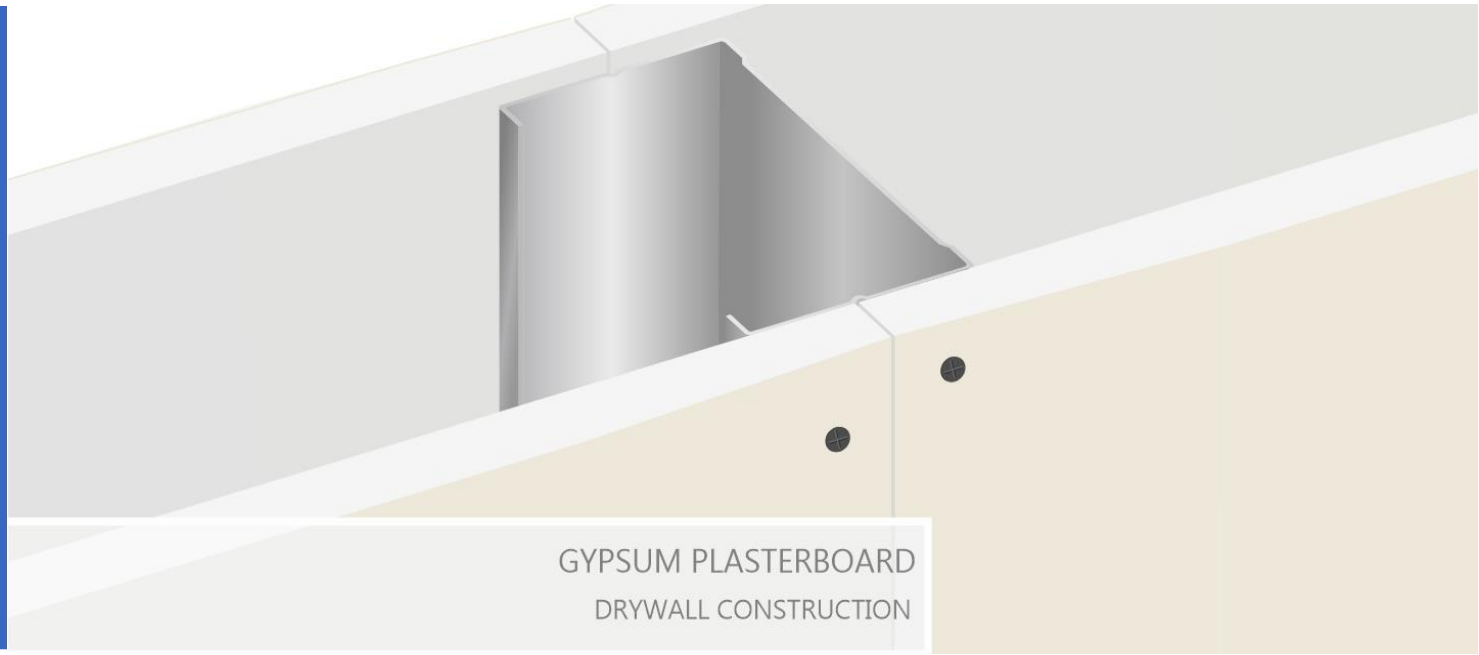

GYPSUM PLASTERBOARD

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 yellow

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.

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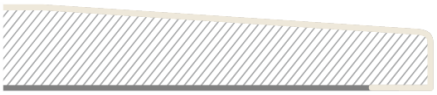
GYPSUM PLASTERBOARD
DRYWALL CONSTRUCTION

GLASS SHIELD

Technical specifications

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.°C)*	0.25	EN ISO 10456
Density	*kg/m3*	≥ 800	
Water vapor resistance		10	EN ISO 10456
Specific heat	*kJ/(kg.ºC)*	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	
Approximate weight			
Board thickness 12.5 mm	*kg/m²*	10.50	
Breaking loads			EN 15283-1
Thickness		12.5	
Longitudinal	*N*	≥ 725	
Transverse	*N*	≥ 300	
Edge type			
Tapered Edge - TE			



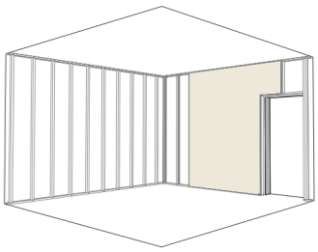
This plasterboard has a non-combustible core and additives that improve its mechanical resistance to fire, making it suitable for systems with special fire protection requirements. It also has a special water repellency treatment for increased moisture resistance, however it is not indicated for application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

Dimensional tolerances

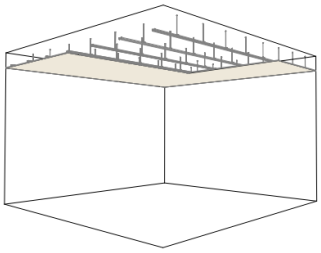
Thickness:	±0.5 mm
Width:	+0/-4 mm
Length:	+0/-5 mm

Application

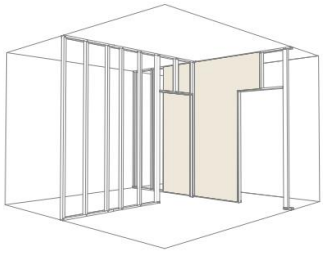
Wall Linings



Ceilings



Partitions



Sizes (*mm*)

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

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