

GYPSUM PLASTERBOARD  
DRYWALL CONSTRUCTION



# FIRE

## Application

GYPFOR FIRE plasterboards are designed for use in interior wall and ceiling applications, and offers enhanced fire protection an greater strength.

Should not be used where temperatures exceed 52 °C for extended periods, or in areas with extreme humidity.

An enhanced level of fire resistance compared with regular drywall applications, suitable for:

- Suspended Ceilings
- Partition walls;
- Existing wall linings

## Physical Characteristics

Board type  
EN 520 DF

Core  
Non-combustible, dimensionally stable , inert gypsum enhanced with glass fibers.

Paper  
100% recycled, front and long edges pink face paper, ivory reverse side paper.

Edge  
Tapered edge (BA)

A gypsum board primer should be applied before painting or before any textured material is applied. Suitable to provide the levels of fire resistance required for drywall applications.



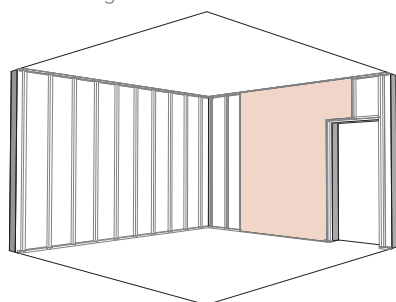
**Tech Specs**

|                          |   |              |              |
|--------------------------|---|--------------|--------------|
| Dimensional tolerances   | Type  | STANDARD     |              |
| Thickness    +/- 0.5 mm  | Reaction to fire                                      | DF           | EN 520       |
| With            +0/-4 mm | Thermal Conductivity $\lambda$ $W/(m \cdot ^\circ C)$ | A2-s1,d0 (B) | EN 520       |
| Length         +0/-5 mm  | Density $kg/m^3$                                      | 0.25         | EN ISO 10456 |
|                          |   | $\geq 800$   |              |

|            |    |          |  |
|------------|----|----------|--|
| Dimensions |    |          |  |
| Thickness  | mm | 12.5, 15 |  |
| Width      | mm | 1200     |  |
| Lengths    | mm | Several  |  |

Application

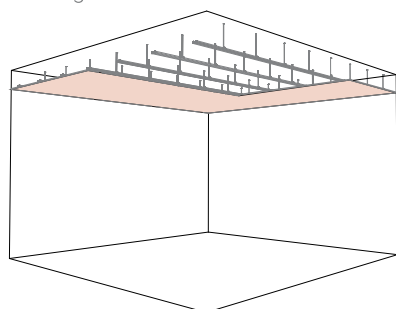
Wall linings



|                      |          |      |  |
|----------------------|----------|------|--|
| Nominal weight       |          |      |  |
| Board thick. 12.5 mm | $kg/m^2$ | 10.2 |  |
| Board thick 15 mm    | $kg/m^2$ | 12.2 |  |

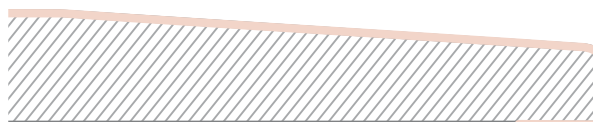
|                |  |            |            |        |
|----------------|--|------------|------------|--------|
| Breaking loads |  |            |            | EN 520 |
| Thickness      |  | 12.5       | 15         |        |
| Longitudinal   |  | $\geq 550$ | $\geq 650$ |        |
| Transversal    |  | $\geq 210$ | $\geq 250$ |        |

Ceillings



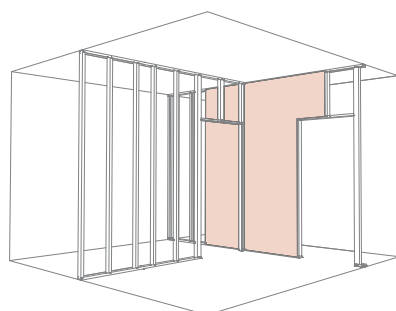
Edge

Tapered Edge - BA

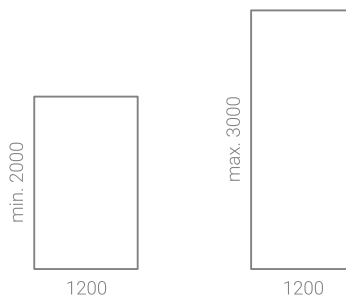


Gypsum plasterboard with a higher density core enhanced with glass fibers to offer greater strength and fire protection encased in, and firmly bonded strong paper liners. GYPFOR FIRE provides enhanced level of fire resistance compared with regular drywall for both residential and commercial construction applications

Partitions



Sizes (mm)



DF - EN 520

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