

GYPSUM PLASTERBOARD  
DRYWALL CONSTRUCTION



# FIRE

## Application

The GYPFOR FIRE plasterboard is designed for use in interior wall and ceiling applications. Should not be used in applications where temperatures exceed 52 °C for extended periods, or in areas with extreme humidity.

Board with enhanced level of fire resistance for applications with special fire protection requirements. Suitable for:

- Suspended Ceilings
- Partition walls
- Existing wall linings

## Physical characteristics

**Board type**  
EN 520 F

**Core**  
Non-combustible, dimensionally stable, inert gypsum

**Paper**  
100% recycled; pink color

**Longitudinal Edge**  
Tapered edge (TE)

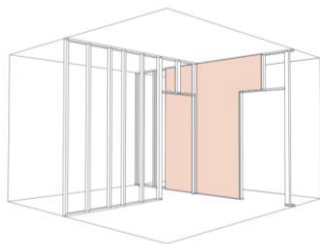
**Transversal Edge**  
Square edge (TE)

**Label colour**  
Black

Produced with special additives for improved fire resistance. Gypsum board primer should be applied before painting or adding any textural material.

**Technical specifications**

| Dimensional tolerances |          | Type                 | FIRE                           |              |
|------------------------|----------|----------------------|--------------------------------|--------------|
| Thickness:             | ±0,5 mm  |                      | F                              | EN 520       |
| Width:                 | +0/-4 mm | Reaction to fire     | A2-s1,d0 (B)                   | EN 520       |
| Length:                | +0/-5 mm | Thermal conductivity | $W/(m \text{ } ^\circ C)$ 0.25 | EN ISO 10456 |
|                        |          | Density              | $kg/m^3$ ≥ 800                 |              |
| <b>Application</b>     |          | <b>Dimensions</b>    |                                |              |
|                        |          | Thickness            | $mm$ 12.5, 15                  |              |
|                        |          | Width                | $mm$ 1200                      |              |
|                        |          | Lengths              | $mm$ Several                   |              |

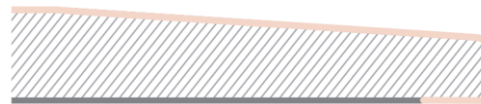
**Wall Linings****Approximate weight**

|                         |          |       |
|-------------------------|----------|-------|
| Board thickness 12,5 mm | $kg/m^2$ | 10.20 |
| Board thickness 15 mm   | $kg/m^2$ | 12.20 |

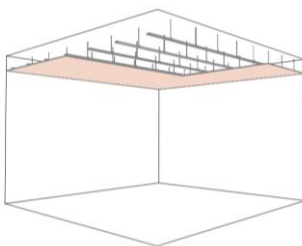
**Breaking loads**

EN 520

| Thickness    |     | 12.5 | 15   |
|--------------|-----|------|------|
| Longitudinal | $N$ | ≥550 | ≥650 |
| Transverse   | $N$ | ≥210 | ≥250 |

**Edge****Tapered Edge – TE**

This plate has a non-combustible core and additives that improve its mechanical resistance to fire, making it suitable systems with special fire protection requirements.

**Sizes (mm)****Ceilings****Partitions**