

GYPSUM PLASTERBOARD  
DRYWALL CONSTRUCTION



# PLATINUM

## Application

The GYPFOR PLATINUM plate is plasterboard is designed for interior drywall applications where an improved fire resistance, greater resistance to bending and impact are required. Suitable for applications in areas potentially exposed to impacts and high movement of people such as gyms, hotels or shopping centers.

Enhanced quality board designed for applications where extra moisture resistance is required, such as kitchens, bathrooms, laundries, public bathrooms in hospitals, hotels, and schools.

Suitable for:

- Suspended Ceilings
- Partition walls
- Existing wall linings

## Physical Characteristics

**Board Type**  
EN 520 D, F, H1, I, R

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

**Paper**  
100% recycled; colour copper

**Longitudinal Edge**  
Tapered edge (TE)

**Transversal Edge**  
Square edge (SE)

**Label colour**  
Black

Gypsum plasterboard with water-repellent additives and fiberglass that improves its fire resistance and reduce its water absorption capacity. Gypsum board primer should be applied before painting or adding any textural material.



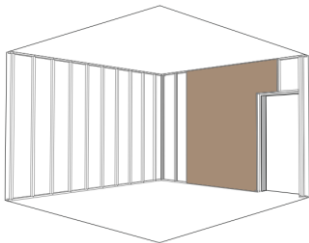
## Technical specifications

### Dimensional tolerances

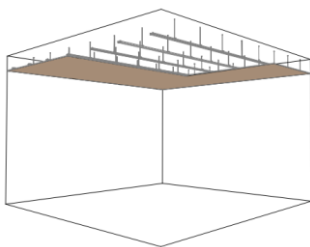
Thickness:	±0.5 mm
Width:	+0/-4 mm
Length:	+0/-5 mm

### Application

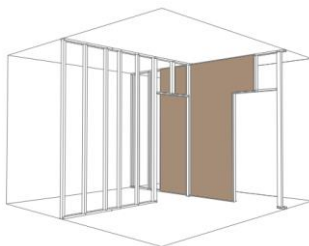
#### Wall Linings



#### Ceilings



#### Partitions



### Type

AQUA, FIRE, ACOUSTIC

Reaction to fire		D, I, F, H1, R	EN 520
Thermal conductivity	$W/(m \cdot ^\circ C)$	A2-s1,d0 (B)	EN 520
Density	$kg/m^3$	0.25	EN ISO 10456
Specific heat	$kJ/(kg \cdot ^\circ C)$	≥ 950	
Water vapor resistance $\mu$		1	EN ISO 10456
Air permeability	$m^3/(m^2 \cdot s \cdot Pa)$	10	EN ISO 10456
Surface hardness	$mm$	$1.4 \times 10^6$	
Total water absorption	$%$	< 15	
Surface water absorption	$g/m^2$	< 5	
Dimensions		≤ 180	EN 520
Thickness:	$mm$	2000, 2400, 2500	
Width:	$mm$		
Length:	$mm$		

### Approximate weight

Board thickness 12,5 mm	$kg/m^2$	11.90	
Board thickness 15 mm	$kg/m^2$	14.25	

### Breaking loads

Thickness		12.5	15	EN 520
Longitudinal	$N$	≥ 725	≥ 870	
Transverse	$N$	≥ 300	≥ 360	

### Edge

Tapered Edge - TE



This plasterboard has a non-combustible core and additives that improve its mechanical resistance to fire, making it suitable systems with special fire protection requirements. It also has a special waterproofing treatment for increased moisture resistance, however it is not indicated for application in direct contact with water, nor in environments of high permanent humidity. It can be coated with ceramics or similar materials.

### Sizes (mm)

