



## Flameboard®

A1 class gypsum board with high fire resistance

### Product Description

Flameboard® is A1 class, fiber glass fleece coated gypsum board (paper free) which provides high fire protection.

### Storage

Boards should be stored on pallets in a dry environment. If the boards are stored inside, max. 6 pallets on each other; outside max. 5 pallets on each other. Gypsum boards should be stored so as to prevent damage to the front faces of each boards during packaging. If the boards are stored outside, they must be covered with nylon and etc.

### Standard

TS EN 15283 - 1 GM - FR

### Fields of Application


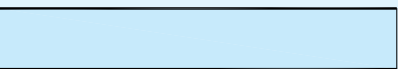
Flameboard can be used in drywall systems that provide particularly optimized fire protection.

- Partition walls
- Suspended ceilings
- Shaft walls

### Properties

- High fire resistance
- Non-combustible A1
- Easy installation
- Time saving
- High surface quality

**Technical Data**

| Description  | Unit              | 15 mm  | 25 mm       | Standard      |
|--|-------------------|--|-------------|---------------|
| Board type   | -                 | GM - FR  | GM - FR     | TS EN 15283-1 |
| Reaction to fire                                       | class             | A1   | A1          | TS EN 13501-1 |
| Weight   | kg/m <sup>2</sup> | 12,5 - 13  | 20,5 - 21,5 | -             |
| Long edges   | -                 | Cut edges (covered with fiber glass fleece)<br> |             |               |
| Front edges  | -                 | Cut edges<br>                                   |             | -             |
| Width dimensional tolerance                            | mm                | +0 / -4  | +0 / -4     | TS EN 15283-1 |
| Length dimensional tolerance                           | mm                | +0 / -5  | +0 / -5     | TS EN 15283-1 |
| Thickness dimensional tolerance                        | mm                | +0,7 / -0,7  | +1,0 / -1,0 | TS EN 15283-1 |
| Angularity dimensional tolerance (for 1 m board width) | mm                | ≤ 2,5  | ≤ 2,5       | TS EN 15283-1 |
| Thermal conductivity λ                                 | W/(m·K)           | 0,25   | 0,25        | EN 12524      |
| Water vapour resistance factor (dry)                   | μ                 | 10   | 10          | EN 12524      |
| Water vapour resistance factor (wet)                   | μ                 | 4  | 4           | EN 12524      |
| Flexural breaking load longitudinal direction          | N                 | ≥ 870  | ≥ 1450      | TS EN 15283-1 |
| Flexural breaking load transverse direction            | N                 | ≥ 360  | ≥ 600       | TS EN 15283-1 |

**Product Range**

| Description       | Width (mm) | Length (mm) | Weight (kg/m <sup>2</sup> ) | Packaging (pcs./pallet) | Material Number |
|-------------------|------------|-------------|-----------------------------|-------------------------|-----------------|
| Flameboard® 15 mm | 1200       | 2000        | approx. 12,8                | 40                      | 663754          |
| Flameboard® 25 mm | 1200       | 2000        | approx. 21                  | 24                      | 663755          |

#### Safety Instructions

- Wash hands with plenty of water after handling.
- Use protective gloves / protective clothing / eye protection / face protection.
- In case of contact with eyes: Rinse your eyes cautiously with water for several minutes. If there is a lens remove it and continue to rinse.
- If eye irritation persists: Get medical advice / attention.

#### System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;

[Knauf Technical Website](#)  
[Document Center](#)

#### Application

Application should be done acc. to the applicable standards (TS 1475) and acc. to the Knauf Technical Brochures of the respective drywall system. In accordance to reach required fire resistance values, use Fugagips Joint Filler and Fireboard® Joint Tape. On double layer applications, first layer gypsum boards' joints should be filled with joint filler.