



Gypsum Board Datasheet

2022

Knauf Fire Resistant Gypsum Boards (FR)

Knauf Fire Resistant Gypsum Boards (FR) are gypsum wallboards specially designed to offer superior fire resistance performance when used in drywall partitions, shaftwalls, ceilings and lining systems.

Knauf Fire Resistant Gypsum Boards (FR) EN-BS

Product Description

Knauf Fire Resistant Gypsum Boards (FR) are gypsum wallboards specially designed to offer superior fire resistance performance when used in drywall partitions, shaftwalls, ceilings and lining systems.

Fields of Application

Knauf Fire Resistant Gypsum Boards (FR) are high performance gypsum boards used as the cladding component of drywall constructions such as:

- Fire rated partitions using metal frames
- Fire rated suspended ceilings using metal frames
- Fire rated furring and wall linings
- Fire rated shaftwalls

NOTE: Fire resistant gypsum boards are just part of a complete fire rated assembly. To achieve a certain fire rating on a Knauf drywall assembly, the complete system components from Knauf has to be used and the assembly has to be installed according to Knauf's installation guidelines.

Properties

- Lightweight constructions
- Easy, fast and dry application
- Good sound insulation performance
- High fire protection performance
- Contains glass fibre additives to maintain the integrity of board for longer time periods than standard boards when exposed to fire
- A material that breathes and balances room climate and humidity levels
- Environmental friendly
- Limitless design options

Technical Data

Board Dimensions:

Thickness : 12.5 mm / 15 mm

Width : 1200 mm

Length : 2400 or 3000 mm*

* Special sizes are available upon request.

Minimum density (0.1 x 10 kg/m): 0.85

Edge Detail:

Square Edge (SE)



Taper Edge (TE)



Asbestos content: None

Appearance:

Pink Paper Liner

Board Type:

EN520 - Type DF

Reaction to Fire:

A2-s1,d0 (B) According to DIN EN 13501-1

Please contact our sales department for inquiries about storage and packing.

Note:

Knauf Head Office

▶ Phone: +971 4 337 7170

▶ Fax: +971 4 334 9659

▶ P.O.Box: 112871, Dubai

▶ info.uae@knauf.com

Knauf Manufacturing Plant

P.O.Box 50006

Ras Al Khaimah, U.A.E.

Tel: +971 7 268 9837

Fax: +971 7 221 5301



Disclaimer:

The information provided in this leaflet is only intended to give guidance in selecting and using Knauf products. While we make every effort to ensure its accuracy, neither Knauf LLC and its branches nor any of its employees or affiliates warrant or assume any legal liability or responsibility for the completeness or usefulness of any failure in installation or constructing any structure installation or building or caused by using this leaflet. Readers are advised to independently verify this information prior to rely on it. In particular, readers must obtain appropriate independent advice on the use in specific structures, installations or buildings to ensure compliance with all regulations, including health and safety regulations. Knauf reserves the right to amend technical specification.

The constructional and structural properties, and characteristic building physics Knauf system can solely be ensured with the exclusive use Knauf system components, or other product expressly recommended by Knauf.