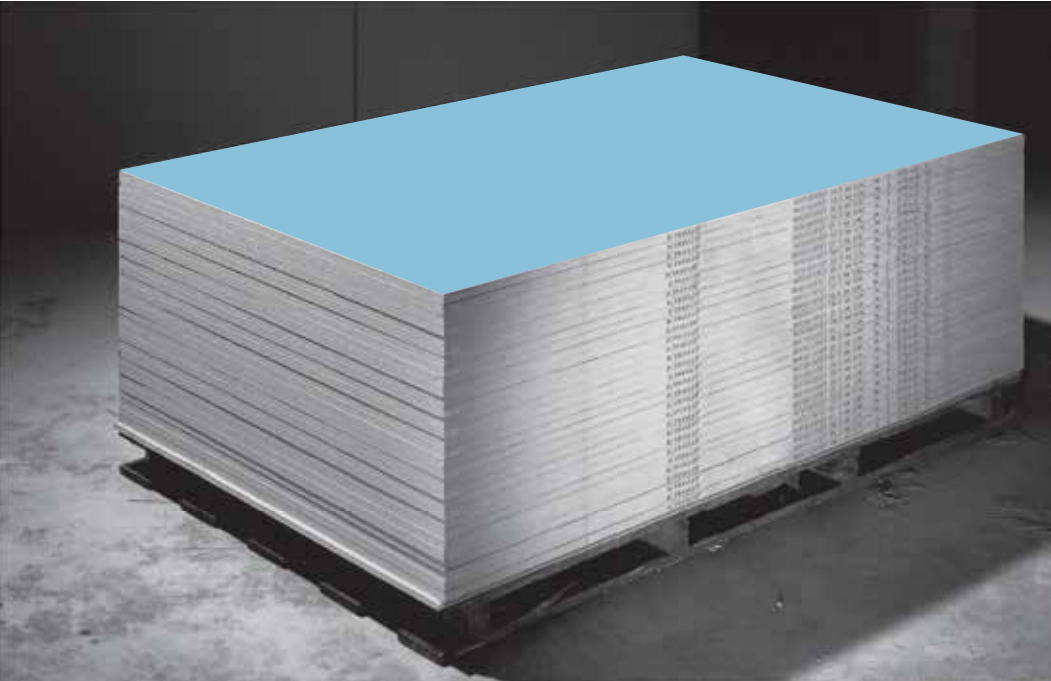


kNAUF

كناوف



Gypsum Board Datasheet

05-2015

Knauf Pro HD Board

Knauf Pro HD are high performance gypsum boards providing durability, impact, fire and moisture resistance. With their specially toughened high density core, it provides excellent load capacity and high acoustic performance, ideal for high traffic areas.

Product Description

Knauf Pro HD are high performance gypsum boards providing durability, impact, fire and moisture resistance. With its specially toughened high density core, it provides excellent load capacity and high acoustic performance, ideal for high traffic areas.

Fields of Application

Knauf Pro HD boards can be used in all standard drywall constructions. Its is to be installed as a cladding component for:

- Drywall partitions using metal frames
- Suspended ceilings using metal frames
- Furring and wall linings

This makes the Pro HD board the ideal choice for use in schools, hospitals, hotels, commercial buildings and any areas subject to high-traffic.

Properties

- Specific for areas where improved impact resistance is required
- Application of areas where moisture resistance is needed
- Superior fire protection and performance improved
- Surface durability compared to standard drywall boards
- Improved sound insulation due to high dense core
- Environmentally friendly
- Easy, fast and dry application

Technical Data

Board Dimensions:

Thickness : 12.5 mm / 15 mm
 Width : 1220 mm
 Length : 2400 or 3000 mm

* Special sizes are available upon request.

Board Weights (average values):

12.5 mm approx. 12.4 kg / m²
 15 mm approx. 14.8 kg / m²

Average density (0.1 x 10³ kg/m³): 1.0
 Water absorption: ≤ 3%

Edge Detail:

Taper Edge (TE)



Asbestos content: None

Appearance:

Light Blue Paper Liner
 Brown Back paper Liner

Reaction to Fire.

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

Board Standards Compliance

EN520: 2004 + A1: 2009 Gypsum Plaster boards, definitions, requirements and test methods.

Type D: Gypsum boards with control density, with a face to which suitable gypsum plasters or decoration may be applied. This enables improved performance in certain applications to be obtained.

Type F: Gypsum boards with improved core adhesion at high temperatures, with a face to which suitable gypsum plasters or decoration may be applied. These boards have mineral fibers and/or other additives in the gypsum core to improve core adhesion at high temperatures.

Type I: Gypsum boards with enhanced surface hardness. Boards which are used for applications where higher surface hardness is required. They have a face to which suitable gypsum plasters or decoration may be applied.

Type R: Gypsum boards with enhanced strength. These boards are for special applications where higher strength is required and have both increased longitudinal and transverse breaking loads. They have a face to which suitable gypsum plasters or decorations may be applied.

Type H (H1): Gypsum Boards with enhanced water absorption rate. These boards are suitable for special applications in which reduced water absorption properties are required to improve the performance of the board.

Note:

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

Knauf Head Office

- ▶ Phone: +971 4 337 7170
- ▶ Fax: +971 4 334 9659
- ▶ P.O. Box: 112871, Dubai
- ▶ info@knauf.ae

Knauf Qatar Branch

P.O.Box 27111
 Doha, State of Qatar
 Tel: +974 44528191
 Fax: +974 44528181

Knauf Manufacturing Plant

P.O.Box 50006
 Ras Al Khaimah, U.A.E.
 Tel: +971 7 221 5300
 Fax: +971 7 221 5301

Made in UAE

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 this employees or affiliates warrant or assume any legal liability or responsibility for the completeness or usefulness of any failure in installation or constructing structure installation or building or caused by using this leaflet. Readers are advised to independently verify this information prior to reply on it. In particular, readers must obtain appropriate independent advice on the use of products 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 without notice.