

Gypsum Board Datasheet

05-2015

Knauf Type X Fire Rated Gypsum Wall Board (GW-TX)

Knauf Fire Resistant Gypsum Boards have been evaluated to meet the requirement for Type X (Special Fire - Resistant) compliant board as defined by ASTM C 1396. These boards are specifically designed for use in areas where fire protection is required.



Certified by **Intertek**

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Product Description

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Fields of Application

Knauf Type X Fire Resistant Gypsum Boards (GW-TX) are high performance gypsum boards used as the cladding component of drywall constructions such as:

- Fire rated partitions using metal or wooden frame
- Fire rated suspended ceilings using metal or wooden frames
- Fire rated furring and wall linings
- Fire rated shaftwalls
- Encasement of steel beams or column with fire protection requirements

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 : 12.7 mm / 15.9 mm
 Width : 1220 mm
 Length : 2400 or 3000 mm

* Special sizes are available upon request.

Board Weights (average values):

12.7 mm approx. 10.5 kg / m²
 15.9 mm approx. 13.1 kg / m²

Total Water Absorption:

N/A

Nail Pull Resistance (Method B):


12.7 mm : ≥ 343 N
 15.9 mm : ≥ 387 N

Flexural Strength (Method B):

	12.7 mm	15.9 mm
Parallel	≥ 160 N	≥ 205 N
Perpendicular	≥ 476 N	≥ 654 N

Edge Detail:

Square Edge (SE) 

Taper Edge (TE) 

Appearance:

Pink Paper Liner

Standards and codes:

ASTM C 1396 / C 1396M - 09a - Section 7 and Type X
 ASTM E 84 - Flame Spread = 10
 Intertek listed under CSI code: 09 29 00

Note:

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

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