



Gypsum Board Datasheet

Knauf Type X Water Resistant Gypsum Backing Board with Fire Rated Properties (GB-WRTX)

Knauf Fire and Water Resistant Gypsum Boards have been evaluated to meet the requirement for Type X (Special Fire-Resistant) compliant board as defined by ASTM C1396. These boards are specifically designed for use in areas where fire and moisture protection is required.



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Product Description

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Fields of Application

Knauf Type X Fire and Water Resistant Gypsum Boards (GB-WRTX) are high performance gypsum boards used as the cladding component of drywall constructions in humid areas such as:

- Fire Rated Partition or Ceilings of
- Kitchens / Bathrooms
- Fire Rated Shaftwalls in humid areas

Properties

- Lightweight constructions
- Easy, fast and dry application
- Good sound insulation performance
- Hydrophobic boards impregnated against absorption of moisture
- 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:

< 5%

Nail Pull Resistance (Method B):

12.7 mm : > 343 N
 15.9 mm : > 387 N

Flexural Strength (Method B):

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

Edge Detail:

Square Edge (SE)

Tapered Edge (TE)

Appearance:

Green 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

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

Note:

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