



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

Knauf Fire and Water Resistant Gypsum Boards are ASTM 1396 compliant gypsum backing boards, specifically designed for use in areas where high fire and moisture protection is required.



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Product Description

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Fields of Application

Knauf Fire & 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
- Environment friendly
- Limitless design options

Technical Data

Board Dimensions

Thickness : 12.7 / 15.9 mm
 Width : 1200 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):

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

Flame Spread Index: 5

Edge Detail

Square Edge (SE) 

Taper Edge (TE) 

Appearance

Green Paper Liner

Board Type:

ASTM C1396 / C1396M - 09a
 ASTM E84

Notes

Please contact our sales department for any inquiries about storage and packaging.

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