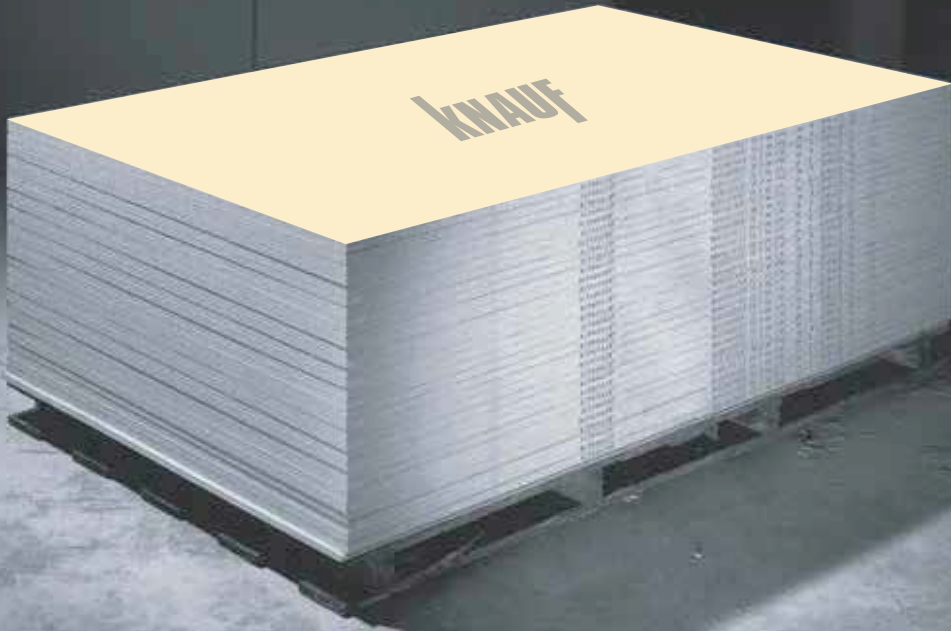


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Gypsum Board Datasheet

2019 -06

Knauf GB - WRTX Type X **IMPACT** Board

Knauf GB-WRTX Type X IMPACT board is a high performance board that provides durability, Moisture resistance, Impact & superior fire performances. Tested & compliant as a TYPE X (special fire - resistant) board as defined within ASTM C1396. With a toughened high density core with higher breaking loads and impact indentation resistance, this boards provides excellent load capacity making it the perfect board for heavy traffic and public areas that are subject to high levels of humidity or moisture.



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Product Description

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Fields of Application

Knauf GB-WRTX Type X IMPACT board can be installed in all standard drywall constructions. It's installed as a cladding component for:

- Fire & Non fire rated drywall partitions & ceilings within Kitchens/Bathrooms
- Fire & Non fire rated furring and wall linings in humid areas
- Fire rated shaftwalls in humid areas

This board is the perfect choice for use within any public building that's subject to heavy traffic, such as Schools, Hospitals, Hotels, Commercial buildings etc.

Properties

- Strong & tough
- Lightweight construction
- Easy & fast application
- Hydrophobic boards impregnated against the absorption of moisture
- Specific for areas where improved impact resistance is required
- A material that breathes and balances room climate and humidity levels
- Superior fire protection
- Good sound insulation performance
- Improved surface durability

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:

Test method EN520:2004 Clause 5.7

Longitudinal:

12.7mm ≥ 752
15.9mm ≥ 880

Transverse:

12.7mm ≥ 320
15.9mm ≥ 430

Surface Hardness:

Test method EN520:2004 Clause 5.12
< 15mm indentation

Edge Detail:

Square Edge (SE)

Taper Edge (TE)

Appearance:

Ivory Paper Liner

Standards and codes:

ASTM C 1396
C 1396M - 17 - Section 7 and
Type X ASTM E 84 -
EN520 - Type R+ I

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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