

Gypsum Board Datasheet

05-2015

## 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.





Certified by **Intertek**

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



Product Description	Fields of Application	Properties
<p>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.</p>	<p>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:</p> <ul style="list-style-type: none"> <li>■ Fire Rated Partition or Ceilings of Kitchens / Bathrooms</li> <li>■ Fire Rated Shaftwalls in humid areas</li> </ul>	<ul style="list-style-type: none"> <li>■ Lightweight constructions</li> <li>■ Easy, fast and dry application</li> <li>■ Good sound insulation performance</li> <li>■ Hydrophobic boards impregnated against absorption of moisture</li> <li>■ High fire protection performance</li> <li>■ Contains glass fibre additives to maintain the integrity of board for longer time periods than standard boards when exposed to fire.</li> <li>■ A material that breathes and balances room climate and humidity levels</li> <li>■ Environmental friendly</li> <li>■ Limitless design options</li> </ul>

Technical Data											
<p><b>Board Dimensions:</b>                      Thickness : 12.7 mm / 15.9 mm                      Width : 1220 mm                      Length : 2400 or 3000 mm</p> <p>* Special sizes are available upon request.</p> <p><b>Board Weights (average values):</b>                      12.7 mm approx. 10.5 kg / m<sup>2</sup>                      15.9 mm approx. 13.1 kg / m<sup>2</sup></p>	<p><b>Total Water Absorption:</b>                      ≤ 5%</p> <p><b>Nail Pull Resistance (Method B):</b>                      12.7 mm : ≥ 343 N                      15.9 mm : ≥ 387 N</p> <p><b>Flexural Strength (Method B):</b></p> <table border="1"> <thead> <tr> <th></th> <th>12.7 mm</th> <th>15.9 mm</th> </tr> </thead> <tbody> <tr> <td>Parallel</td> <td>≥ 160 N</td> <td>≥ 205 N</td> </tr> <tr> <td>Perpendicular</td> <td>≥ 476 N</td> <td>≥ 654 N</td> </tr> </tbody> </table>		12.7 mm	15.9 mm	Parallel	≥ 160 N	≥ 205 N	Perpendicular	≥ 476 N	≥ 654 N	<p><b>Edge Detail:</b>                      Square Edge (SE)                       Taper Edge (TE) </p> <p><b>Appearance:</b>                      Green Paper Liner</p> <p><b>Standards and codes:</b>                      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</p>
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**Note:**

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

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