

KNAUF

كناؤف



Gypsum Board Datasheet

03-2017

Knauf Moisture and Mold Resistant Gypsum Board (GB-WR Mold) Type X

Knauf Moisture & Mold Resistant Gypsum Boards are ASTM C 1396 & D 3273 compliant mold resistant gypsum boards, specifically designed for use in areas with humidity and exposure to moisture or mold. They have also been certified as Type X (Special Fire Resistant) compliant boards as defined by ASTM C 1396.





Certified by **Intertek**

Knauf Moisture and Mold Resistant Gypsum Board (GB-WR Mold) Type X



Product Description	Fields of Application	Properties
<p>Knauf Moisture & Mold Resistant Gypsum Boards are ASTM C 1396 & D 3273 compliant mold resistant gypsum boards, specifically designed for use in areas with humidity and exposure to moisture or mold.</p> <p>They have also been certified as Type X (Special Fire Resistant) compliant boards as defined by ASTM C 1396.</p>	<p>Knauf Gypsum Boards are high performance gypsum boards used as the cladding component of drywall constructions in humid areas with exposure to mold such as:</p> <ul style="list-style-type: none"> ■ Partition or Ceiling of Kitchens/Bathrooms ■ Wall Linings/Furring in Kitchens/Bathrooms ■ Partition with tiled nish requirements ■ Any internal area which is exposed to humidity or mold 	<ul style="list-style-type: none"> ■ Lightweight constructions ■ Easy, fast and dry application ■ Good sound insulation performance ■ Hydrophobic boards impregnated against absorption of moisture ■ A material that breathes and balances room climate and humidity levels ■ Environment friendly ■ Limitless design options ■ Mold Resistant

Technical Data											
<p>Board Dimensions: 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>Board Weights (average values): 12.7 mm approx. 10.5 kg / m² 15.9 mm approx. 13.1 kg / m²</p>	<p>Total Water Absorption: ≤ 5%</p> <p>Nail Pull Resistance (Method B): 12.7 mm : ≥ 343 N 15.9 mm : ≥ 387 N</p> <p>Flexural Strength (Method B):</p> <table border="1" data-bbox="590 1041 965 1142"> <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>Edge Detail: Square Edge (SE)  Taper Edge (TE) </p> <p>Appearance: Green Paper Liner</p> <p>Board Type: ASTM C 1396 / C 1396M 09a, section 7 and Type X ASTM D 3273 - 12, rating 10/10 ASTM E 84, Flame spread = 10</p>
	12.7 mm	15.9 mm									
Parallel	≥ 160 N	≥ 205 N									
Perpendicular	≥ 476 N	≥ 654 N									

Notes

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

<p>Knauf Head Office</p> <p>▶ Phone: +971 4 337 7170</p> <p>▶ Fax: +971 4 334 9659</p> <p>▶ P.O. Box: 112871, Dubai</p> <p>▶ info@knauf.ae</p>	<p>Knauf Qatar Branch</p> <p>P.O.Box 27111 Doha, State of Qatar Tel: +974 44528191 Fax: +974 44528181</p>	<p>Knauf Manufacturing Plant</p> <p>P.O.Box 50006 Ras Al Khaimah, U.A.E. Tel: +971 7 221 5300 Fax: +971 7 221 5301</p>	<p>Made in UAE</p>
---	---	--	--------------------

The information provided in this leaflet is only intended to give guidance in selecting and using Knauf products. While we make every effort to ensure its accuracy, neither Knauf LLC and its branches nor any of this employees or affiliates warrant or assume any legal liability or responsibility for the completeness or usefulness of any failure in installation or constructing structure installation or building or caused by using this leaflet. Readers are advised to independently verify this information prior to reply on it. In particular, readers must obtain appropriate independent advice on the use of products in specific structures, installations or buildings to ensure compliance with all regulations, including health and safety regulations. Knauf reserves the right to amend technical specification without notice.