



Gypsum Board Datasheet

05-2015

## Knauf Gypsum Wall Board (GW-R)

Knauf Regular Gypsum Boards are ASTM C 1396 compliant gypsum boards specifically designed for use where high quality gypsum boards requirements are essential to achieve the desired interior design intent.



Certified by **Intertek**

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## Product Description

Knauf Regular Gypsum Board is an ASTM C 1396 compliant gypsum boards specifically designed for use where high quality gypsum boards requirements are essential to achieve the desired interior design intent.

## Fields of Application

Knauf Regular Gypsum Boards are the essential component for standard lightweight drywall constructions and are used as the cladding component for:

- Drywall partitions using metal or wooden frames
- Suspended ceilings using metal or wooden frames
- Furring and wall linings
- Prefabricated building units
- Drylining blockwork/concrete walls using dot and dab of a gypsum based bonding compound

## Properties

- Lightweight constructions
- Easy, fast and dry application
- Good sound insulation performance
- Good fire protection performance
- 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. 9.7 kg / m<sup>2</sup>  
15.9 mm approx. 12.3 kg / m<sup>2</sup>

### Total Water Absorption:

N/A

### 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
Parallel	≥ 160 N	≥ 205 N
Perpendicular	≥ 476 N	≥ 654 N

### Edge Detail:

Square Edge (SE) 

Taper Edge (TE) 

### Appearance:

Ivory Paper Liner

### Standards and Codes:

ASTM C1396 / C1396M - 09a - Section 5  
ASTM E84 - Flame Spread = 10  
Intertek listed under CSI code: 09 29 00

## Note:

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

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