



GKBI - DIN 18180  
H2 - EN 520 / ISIRI 14818

Drywall Systems

2022-05

## Gypsum Board GKBI (H2)

Moisture Resistant Gypsum Boards (MR - H2) are gypsum wallboards manufactured specifically for use in areas exposed to moisture and humidity.

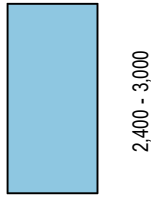
Product description	Fields of application	Properties and added value
<ul style="list-style-type: none"> <li>Board type DIN 18180: GKBI EN 520, ISIRI 14818: H2</li> <li>Colour of face: Green</li> <li>Colour of board liner: Grey</li> <li>Back and Rear side marking: Black</li> </ul> <p><b>Board Dimentions</b></p> <p>Thickness : 12.5 / 15 / 18 mm</p> <p>Width : 1200 mm</p> <p>Length : 2400 / 2500 / 2700 / 2800 / 3000 mm</p> <p><b>Products codes:</b> Refer to K Plus Pars Price List</p> <p><b>Storage</b> Boards, should be stored on wooden pallets in a dry environment.</p>	<p>Moisture Resistant Gypsum Boards (MR - H2) are standard performance gypsum boards used as the cladding component of drywall constructions in humid areas such as:</p> <p><u>Systems:</u></p> <ul style="list-style-type: none"> <li>Partition systems</li> <li>Ceiling systems</li> <li>Lining systems</li> <li>Incasements (Without fire)</li> </ul>	<ul style="list-style-type: none"> <li>Easy, fast and dry application</li> <li>Non-combustible</li> <li>Bending is possible</li> <li>Low expansion and shrinkage when climate conditions change</li> <li>Lightweight constructions</li> <li>Good sound insulation performance Hydrophobic boards impregnated against absorption of moisture</li> <li>Environmental friendly</li> </ul>

# Gypsum Board GKBI (H2)

The moisture resistance (MR) board for basic drywall systems

## Technical data

### Board Format (in mm)



1,200

### Edge types

VK



AK



Technical Properties	9.5 mm	12.5 mm	15 mm	18 mm	Unit	Related standard
Type of board	GKBI H2					DIN 18180 EN 520 ISIRI 14818
Thermal conductivity ( $\lambda$ )	0.25				W/(m.k)	ISIRI 14818
Thermal resistance	-	0.05	0.06	0.07	(m <sup>2</sup> .k)/w	
Density	-	690	800	810	kg/m <sup>3</sup>	EN 520 / ISIRI 14818
Board weight	-	8.60	12.00	14.60	kg/m <sup>2</sup>	
Flexural breaking load -Longitudinal direction	-	≥550	≥650	≥774	N	
Water absorption	≤10				%	EN 520
Surface hardness	-	18	-	-	mm	
Width dimensional tolerance	+0 / -4 mm					
Length dimensional tolerance	+0 / -5 mm					
Thickness dimensional tolerance	+0.5 / -0.5 mm					
Angularity dimensional tolerance	≤ 2.5 mm per m board width					

## notes

gypsum boards are manufactured from high quality gypsum, with a purity of not less than 95%. Stringent quality control procedures apply to the manufacturing process, in full compliance with BS EN ISO 9001:2000 and BS1230: Part 1: 1985

Fire Performance : K+ gypsum boards are designed as class O materials under the building regulations 1991, Approved document B. They also meet BS476: Part 6: 1989, with fire propagation index 1=12 and under BS476: Part 7: 1987, surface spread of flame, are designated Class 1.

Specific Drywall Systems are fire tested in accordance with BS476: Part 20: 1987.

Acoustic Performance : Specific K+ Drywall Systems are tested in full accordance with BS EN ISO 140-3:1995 and the values calculated in accordance with BS EN 717-1:1996.

**Vapor Performance :** Vapor check gypsum boards have been tested in accordance with BS3177: 1959 and exceed the minimum requirement of 15MN /s/g to meet this standard.

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

