

# MagnaBoard®

<b>12mm MagnaBoard®</b>	
<b>Ingredient</b>	
Magnesium Oxide Powder	
Magnesium Chloride	
Perlite	
Wood Bits	
Other (Glass Fibre Mesh, Non-woven Cloth)	
<b>Characteristics</b>	
Thickness	12 mm
Tolerance Thickness	± 0.3 mm
Product Name	Magnesium Oxide Board
Standard Length	2440 mm, 2700 mm
Tolerance Length	± 1 mm
Standard Width	1220 mm
Tolerance Width	± 1 mm
Non-combustable (Fire-Resisting Limit)	A-Grade non combustible (PSB, GB8624)
Density	0.9 - 1.1 g/cm <sup>3</sup>
Flexibility	good
Content of Harmful Substances	100% None
Sound Resistance	43dB
Colour	White
Bending Strength (Mpa)	≥ 14 Mpa
Impact Strength (KJ/m <sup>2</sup> )	≥ 4.6 KJ/m <sup>2</sup>
Thermal Resistance (R-Value)	0.051 (m <sup>2</sup> K/W)
Compressive Strength (Mpa)	5 Mpa
Moisture Content	≤ 12%
Dryness Retraction	≤ 0.28%
Water Absorption	≤ 15%
Natural Expansion	0.09%
Pollution	100% does not include asbestos, formaldehyde, or benzene.
Wet Inflation Rate	≤ 0.05%
Board Weight	37 kg