

MagnaBoard®

9mm MagnaBoard®

Ingredient

Magnesium Oxide Powder

Magnesium Chloride

Perlite

Wood Bits

Other (Glass Fibre Mesh, Non-woven Cloth)

Characteristics

Thickness	9 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 ³
Flexibility	good
Content of Harmful Substances	100% None
Sound Resistance	42dB
Colour	White
Bending Strength (Mpa)	≥ 16 Mpa
Impact Strength (KJ/m ²)	≥ 3.0 KJ/m ²
Thermal Resistance (R-Value)	0.039 (m ² K/W)
Compressive Strength (Mpa)	4.5 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	28 kg