

Data Sheet for 3mm, 6mm, 9mm, 12mm and 20mm Magply

Company information

Manufacturer:

IPP Ltd
Bradwell Hall
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Magply Board Sizes & Weights. (9mm also available in 1200mm x 2700mm and 3050mm)

<u>Board Thickness and Size</u>	<u>Weight per board</u>
03MM:1200mm x 2400mm (2.88m ²)	6.50 kg
06MM:1200mm x 2400mm (2.88m ²)	19.0 kg
09MM:1200mm x 2400mm (2.88m ²)	28.0 kg
12MM:1200mm x 2400mm (2.88m ²)	38.0 kg
20MM:1200mm x 2400mm (2.88m ²)	63.0 kg

Thermal Properties

Thermal Conductivity (λ)	0.19 W/mK
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Fire Performance

BS EN 476 (Parts 6&7)	Class 0
Euroclass EN13501	A1 (Non-Combustible)
Please refer to Magply Test Guide for in-situ Testing Results.	

Physical & Chemical Properties

<u>Appearance:</u>	Solid flat sheet board	<u>Colour</u>	White
<u>Odour:</u>	Odourless	<u>Change of State:</u>	None
<u>Vapour Resistance</u>	0.31 MNs/g (EN ISO 12572*)		
<u>Melting point:</u>	2400°C	<u>Ignitability:</u>	N/A
<u>Spontaneous ignition:</u>	N/A	<u>Explosion hazard:</u>	N/A
<u>Oxidising properties:</u>	N/A	<u>Vapour pressure:</u>	N/A
<u>Solubility:</u>	Insoluble in Water	<u>Density</u>	1100 Kg/m ³

Stability and Reactivity

Special physical conditions to be avoided:None

Incompatible Materials: Not known

Hazardous Decomposition Products: None

Reaction to Frost: Magply is freeze/thaw resistant

Reaction to Insects/Rodents: Magply is inert and has no nutritional value, rendering it unattractive to insects and rodents.

Reaction to Moisture: Magply is breathable and water-resistant. Passage of moisture does not affect its structure. Moisture content prior to painting or rendering should be <15%

Fixings, Sealants, Adhesives

When fixing Magply, screws should have a thread the whole length of the shank (to the tip) for maximum strength and resistance. Specialist details are available. For Fire Resistant Applications use either Magply 4 Hour Intumescent Sealant or Magply A1 Filler Adhesive.

The length of fixings and centres depends upon national regulations and applications. As a guide the fixing should be a minimum of 28mm into the timber stud plus the thickness of the board. For standard drywall applications, use a galvanised or phosphate coated fixing along with standard jointing and taping.

When plastering and finishing, Magply should be treated as a high suction surface. Please refer to and follow the plaster manufacturer's application instructions for appropriate guidance to suit your site conditions. (**Magply datasheets available for Ancillaries : Primers and Fillers**)

Plastering - Skim coats of Multi Finish can only be applied to Magply following the application of **Magply Plasterbond**.

Painting. Magply can be painted. Please ask for our Standard Painting Specification and instructions.

**PLEASE DO NOT USE ANY PVA BASED PRODUCTS OR BLUEGRIT ON MAGPLY.
FOR RENDER SYSTEMS ALWAYS USE STAINLESS STEEL FIXINGS AND PLEASE REFER TO
MAGPLY RENDER BROCHURE FOR DETAILING**

Cutting

Magply is easily cut to size using the score and snap method using a utility knife. Mark the area out with a pencil and straight edge ensuring the reinforcing mesh is cut through. Mechanical cutting is also possible; please see Magply COSHH sheet for more details.