

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

Company information

Manufacturer:

IPP Ltd
Bradwell Hall
Bradwell on Sea
Essex CM0 7HX
Tel: 0044 (0)1621 776252, Fax: 0044 (0)1621 776688

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

Board Thickness and Size

Weight per board

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

Fire Performance

BS EN 476 (Parts 6&7)
Euroclass EN13501

Class 0
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.

Liability

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This data sheet applies only to the product named above supplied by IPP. If the product is used as part of other products, information given in the data sheet may be invalidated. E&OE No warranty is hereby expressed or implied.