

Multi-purpose

BUILDING BOARD

BASEBOARD FOR INSULATION, SOFFITS
PARTITIONS AND UNDERCLOAKING





Multi-purpose fibre-cement board

Class “A1” autoclaved fibre-cement board with excellent impact resistance and dimensional stability. Its durability and ease of working makes it ideal cut to size for specific construction dimensions as well as a carrier board for insulating foam.

Multi-purpose has been autoclaved (cured under pressure) which increases density and dimensional stability. Multi-purpose is stronger than plasterboard and can be used externally. With a dry density of 1300 kg/m³, Multi-purpose can accept alkali resistant paint or emulsion without the need for a primer coat. Multi-purpose can also accept bonded mineral or polystyrene insulation.

Composition

Comprising by weight c. 90% Portland cement and finely ground sand and c. 10% cellulose fibre and additives. These ingredients are mixed and laid onto carrier plates which are stacked in autoclaves. The autoclaving process heats under high steam pressure promoting the reaction between cement and ground sand to rapidly cure the cement. This creates a more rigid, tougher board with a dense surface and consistent composition making for a more stable board and higher dimensional tolerances than air cured alternatives.



Product Specification

Cembrit Multi-purpose is a versatile general purpose building board. Typically used as dry-lining, partition and cut to size for all forms of panels and strips. Can be painted without any special priming using an alkali-resistant paint or emulsion.

Technical Information				
Appearance	Buff colour with smooth surface			
Thickness (mm)	4.5	6	9	12
Dimensions (mm)	1220 x 2440	1200 x 2400 1220 x 2440	1220 x 2440	1200 x 2400
Pallet quantity	80	55 or 60 or 85	39 or 43	30
Fire Resistance	Class A1 EN 13501-1:2007			
Flexural strength	Parallel 14MPa, Transverse 22MPa, Average 19Mpa			
Thermal conductivity	0.3 W/mk			
General Resistance	Heat, moisture, frost, impact, insect attack. The high cement and alkaline content resists insect and fungal attack			

Accreditations

Composition: Multi-purpose board has been awarded a Declaration of conformity to BS EN 12467:2004 and packaging therefore displays a CE mark in accordance with the Construction Products Directive 89/106/EEC.

Environment: Multi-purpose board is manufactured in a factory operating an environmental management system complying with ISO 14001:2004, Certificate number ER 0642 3/6/2009 issued by SIRIM QAS refers.

Installation

Most common woodworking tools can be used on Multi-purpose. Multi-purpose can be sawn, drilled, planed, routed, nailed or screwed. Autoclave induced stability makes Multi-purpose ideal as a carrier for insulation, for accepting decoration or as infill panelling.

Fixing Multi-purpose to studwork

Maximum 600mm centres

Fixings – Countersunk steel or galvanized self-tapping screws 3.5mm-4.2mm diameter, 2.5 to 3 times the board thickness.

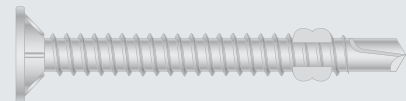
Method – Fixings minimum 50mm from edge of board at 200mm centres.

Site work

Use approved respiratory protective equipment when airborne dust is present.

Dust extraction equipment is advisable when cutting with power tools.

Self-drilling Fixing



High quality grade case hardened carbon steel to DIN standard 7504



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The company's policy is one of continuous improvement. Cembrit Limited therefore reserves the right to alter specifications at any time and without notice.

As with all manufactured materials, the appearance of fibre cement board may vary according to light and weather conditions. It is advisable to ask for samples of sheets prior to specification and purchase. Owing to this and limitations of the printing process, colours of sheets in this brochure may only be taken as indicative.

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