

STRUCTApanel H2



9mm Structural Panelling



Product Brochure

STRUCTApanel H2 9mm is made with the same durable resins used in our market leading STRUCTAflor particleboard flooring. STRUCTApanel H2 9mm is a high density panel primarily designed for wall panelling, where it provides high impact resistance compared to alternative lining options, as well as superior screw holding capability. It is treated for termite resistance, and is available as a flat sheet.

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PANELS**

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PEFC™
PEFC/21-31-145



FEATURES

- **High Surface Impact Resistance**
Superior surface impact resistance compared to plywood and plasterboard
- **Highly durable**
Made with the same cutting-edge technology & high-quality raw materials as STRUCTAflor
- **High fixing capacity**
Ability to screw directly into sheet
- **H2 Treated for termite resistance**
Termite protected particleboard
- **Double-sided**
- **Easy to paint**
- **Multiple joining options**
H Mould, Cover Strip plus many others
- **Pre-primed/Prefinished**
Faster project completion

APPLICATIONS

- Ideal for SIPS manufacture
- Internal lining (sheds/garages)
- Boxes/packaging
- Hoarding
- Dongas
- Schools

NOTE As STRUCTApanel H2 9mm Primed is supplied prime-sealed, finish coats can be applied by roller, brush or air spray. Simply apply either solvent or waterborne topcoats in flat or low gloss finishes. Apply as per the paint supplier's instructions. We recommend light sanding between coats.

SPECIFICATIONS

Sheet Sizes

- 2440 x 1200 x 9mm
- 2745 x 1200 x 9mm
- 3050 x 1200 x 9mm
- STRUCTApanel H2 9mm Primed is only available in 2440 x 1200 x 9mm

INSTALLATION

Scan the QR code for installation guide.



Performance Criteria

Size Tolerances	STRUCTApanel H2 9mm	OSB 9mm	Plywood 9mm	Plasterboard
Density	710kg/m ³	630kg/m ³	650kg/m ³	650kg/m ³
Thickness Swell (24hrs)	3.5%	11%	-	-
Impact Resistance (Janka)	5030N	3895N	2522N	566N
MOR MPa (Modulus of Rupture)	24	26.7	-	-
MOE MPa	3123	2966	-	-
Lateral Screw Holding* (kg/screw)	87kg	61kg	83kg	28kg
Screw Holding* (kg/screw)	104kg	93kg	95kg	10kg

*Screw holding test using 30mm x 6-gauge fixings screwed directly to wall panel (not screwed to wall studs).

Joining Options





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