

STRUCTApanel H2



12mm Non-Structural Panelling



Product Brochure

STRUCTApanel H2 12mm Non-Structural Panelling is made with the same durable materials used in our market leading STRUCTAflor particleboard flooring products, STRUCTApanel H2 12mm is a high performance panel providing high surface impact resistance and screw holding capability.

**Australian
PANELS**

www.australianpanels.com.au



Responsible
Wood
www.rw46



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 and high-quality raw materials as STRUCTAflor flooring
- **High Fixing Capacity**
Ability to screw directly into sheet
- **Australian Made**
Made in Australia from sustainable certified plantation forestry
- **H2 Termite Treated**

SPECIFICATIONS

Sheet Sizes

Size may vary depending on product.

Technical Data

- Exceeds AS 1859.1 High Performance Particleboard for tests MOR / MOE / IB / Thickness swell / MORA
- STRUCTApanel H2 12mm is a non-structural product

Performance Criteria

Criteria	STRUCTApanel H2 12mm	Non-Structural Pine Plywood
Density - kg/m ³	707	458.73
Thickness Swell - %	3.04	4.25
MOR - MPa	25.56	24.44
MOE - MPa	3342	1556
Surface Water Absorption - g/m ²	26.2	534.46
Nail Holding - N	560	502
Screw Holding - N	1880.31	995.12
Surface Hardness - N	4550	3665

INSTALLATION

Scan the QR code for installation guides for each of the three applications.



APPLICATIONS

WALL PANNELLING

Internal Wall Panelling

Item No. 56725

STRUCTApanel H2 12mm is a high performance panel providing superior impact resistance and screw/nail holding capability compared to alternative wall lining options;

- Easy to paint
- Multiple joining options: H Mould, Cover Strip Plus many others
- For dry conditions only
- Approximate size is 2420mm x 1210mm

Tongue & Groove VJ150

Item No. 55595

STRUCTApanel H2 12mm is available as a tongue & groove system for easier installation, ideally suited for internal wall lining applications;

- Pink colour-coded PVC tongue and groove system to ensure an easy and tight fit for adjoining panels
- Faster, simpler installation with no joining strips required
- Consistently flat with no internal delamination
- Consistent board surface, no knot holes, splitting or splinters
- Approximate size is 2420mm x 1200mm

HOARDING

Temporary Hoarding Panelling

Item No. 56725

STRUCTApanel H2 12mm is ideally suited for temporary hoarding or as a direct replacement to non-structural plywood;

- Consistently flat with no internal delamination
- Easy to cut leaving smooth, clean edges
- 12 month warranty for external applications
- Approximate size is 2420mm x 1210mm

UNDERLAY

Timber Flooring Underlay

Item No. 56725

STRUCTApanel H2 12mm is designed for flooring underlay where it provides a consistent, flat and durable alternative to other products in the market, offering superior nail and staple holding capability;

- Easy to cut leaving smooth, clean edges
- Excellent adhesion to the sanded surface
- Used as an underlay for timber strip flooring on top of concrete
- This is a non-structural product and should not be fixed directly to joists
- Approximate size is 2420mm x 1210mm



Internal Wall Panelling



Temporary Hoarding Panelling



Tongue & Groove VJ150



Timber Flooring Underlay



Tongue & Groove VJ150 sheet packs



Flat sheet packs



FLOORING

With an extensive range of options, Australian Panels can accommodate subfloors, suspended floors in multi-storey construction, building additions and extensions along with oversized commercial flooring spaces.

PANELLING

Made with the same durable materials used in our market leading STRUCTAflor particleboard flooring products, the new and exciting panelling products consist of STRUCTApanel H2 9mm Treated Structural and 12mm Non-Structural Panelling.

BOARD

Our CUSTOMwood (MDF) and CUSTOMpine (Particleboard) ranges both have Raw and Laminated options that make a versatile product to use in interior fitout solutions. Whether it be for the reliable quality that guarantees uniformity in size, density, and strength or for applications that are subject to humidity or moisture, such as bathroom vanities and kitchen cupboards, Australian Panels has the solution.

MOULDINGS

Manufactured in a wide range of design styles our mouldings and architraves are produced from premium grade MR CUSTOMwood MDF. They are pre-primed and ready to use on internal decorative trims, such as door jambs and skirtings and are guaranteed not to warp, buckle or split.



Scan the QR code to view the full range of products



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