

## TECHNICAL DATA SHEET

# SUREBOARD PLY

**Valid from June 2022**  
Subject to change without notification

### RECOMMENDED FOR

SureBoard® provides a continuous, smooth surface for the installation of sheet vinyl, tile and plank floor coverings over timber, plywood and particleboard sub-floors. It is not recommended over porous or unsealed concrete, or anywhere a concrete sub-floor is below grade.

### PERFORMANCE CHARACTERISTICS

#### Soundly constructed and dimensionally stable, free from warp or distortion

- no core gaps that weakens the core construction
- all veneers are strongly bonded with an exterior grade resin

#### Blemish free surface to prevent 'show-through' under vinyl

- no defects or surface knots to the outer surface
- top and bottom sanded finishes to prevent 'show through' under vinyl
- no colour transfer to the vinyl surface

#### High density surface with excellent impact resistance

- high density, high hardness top surface to resist impact damage and wear

#### Designed for easy installation

- large panel 1.34m<sup>2</sup> size installs quicker than smaller Hardboard panels
- accurately sized lengths and square for quick fit
- scores and snaps easily with a Stanley knife
- printed with a recommended stapling pattern
- staples recess into the plywood surface, reducing sanding and finishing time

### FACE PROPERTIES

#### Hardwood face and back

- Density: 520m<sup>3</sup>
- Janka Hardness: 6,280 N
- Elastic Modulus: 12.0 GPa
- Modulus of Rupture: 110 MPa

#### Knot and defect free face

- Sanded front and back to a uniform thickness

### CONSTRUCTION

- Nominally 520m<sup>3</sup> density
- 5 ply – Hardwood face, Poplar core and Hardwood back
- Tightly bonded with exterior grade resin

### PHYSICAL DATA

	SHEETS	PALLET
Dimensions:	1.22m x 1.1m x 5.2mm	130 sheets
Square Metres:	1.342m <sup>2</sup>	174.46m <sup>2</sup>
Weight:	3.5kg approx.	490kg (with pallet)



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## INSTALLATION INSTRUCTIONS

### PRE-INSTALLATION

For general guidance refer to AS 1884:2012 Resilient sheet & tile – Installation Practices Inspect the site before deciding your installation plan, to confirm that:

- the site is clean and free from contaminants, dust and dirt
- sub-floor is sound, level, flat ( $\leq 2\text{mm}$  over 2m for vinyl floors) and has structural integrity
- underfloor ventilation (under timber, plywood or particleboard subfloors) meets AS 1884:2012
- moisture in timber, plywood or particleboard subfloors and supports is less than 14%
- loose, worn or warped parts of the sub-floor are repaired
- hollows, cracks and uneven joints are sanded smooth, filled or replaced

### CONDITIONING SUREBOARD TO THE INSTALLED ENVIRONMENT

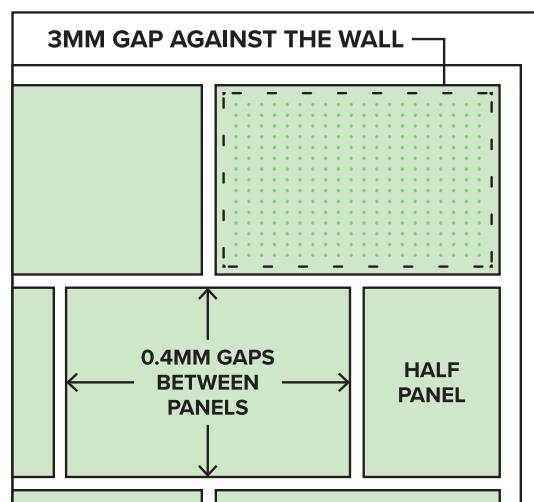
Unpack each SureBoard® sheet, exposing both surfaces to circulating air, until at temperature and humidity equilibrium (usually at 24 hours). SureBoard® cannot be conditioned (or installed) in extreme weather conditions or where relative humidity is temporarily drops below 25% or exceeds 90%. Wait until weather conditions normalise.

### INSTALLATION PATTERN

Choose a straight wall to start. Install SureBoard® smooth side up with the long edge running perpendicular to any subfloor joints. Lay in an offset pattern leaving a 3mm gap at the perimeter and 0.4mm (the thickness of a business card) between sheets. Cut the underlay to size to ensure all subfloor joints are covered by underlay. Expansion joints should not be covered and should be left free to expand and contract.

### CUTTING

SureBoard® can be scored and snapped. Using a utility knife and straight edge score the panels 5-6 times then snap over a raised edge. Alternatively SureBoard® can be sawn using a fine tooth circular saw, jig saw, timber blade hand saw or panel saw.



### INSTALLING OVER TIMBER, PLYWOOD OR PARTICLEBOARD SUB-FLOORS

Install with both approved adhesives and mechanical fasteners (nails or staples), avoiding contact with high pH chemicals known to swell reconstituted timber products. Suitable fasteners are 22mm staples, or 25mm ring shank nails with a 2.5mm head. Perimeter fasteners should be 50mm apart and 10mm in from the edge. In the body of the panels the fasteners should be 100mm apart in a grid pattern. Avoid nailing into sub-floor joints. Overdrive fasteners 0.4mm below the SureBoard® surface to ensure a smooth surface finish.

### SANDING AND FINISHING

Do not fill expansion gaps or fastener indentations. Sand lightly with a flat based sander to level joints and to remove loose fibre from the fastener points. Vacuum after installation to remove dust and fibres prior to installing the floor cover.

### AIRLAY FLOORCOVERINGS

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