

FACT SHEET

Benefits

- **Contributes to better indoor air quality and a healthier work environment**
- **Available in raw, white or COLOURpyne**

PYNEboard particleboard is manufactured from managed and renewable plantation pine in a range of thicknesses and sheet sizes. Its fine, uniform surface makes it an ideal substrate for laminating or veneering and is suitable for building panels, benches, shelves and partitions.

PYNEboard is easy to work with normal woodworking tools as it has no grain direction so there is the same strength and appearance in all directions. The fine surface layers are also pre-sanded, ready for painting or laminating.

PYNEboard E0 (E zero) is made with specially formulated resins to reduce panel formaldehyde emission levels and contribute to improved air quality. Formaldehyde emissions meet the E0 standard of <0.5 mg/L when tested in accordance with AS/NZS 4266.16, Method 16: Formaldehyde emission – Desiccator method.

Specifiers using PYNEboard E0 for commercial projects may be eligible to earn points under the Indoor Environment Quality section of the Green Building Council of Australia’s rating system. Specifiers are advised to check the requirements for their specific project.

Chain of Custody

Carter Holt Harvey uses PEFC Chain of Custody (CoC) certification to ensure that the vast majority of wood in Pyneboard E0 products is legally sourced from sustainably managed forests. Documentation is available upon request.



E0 Particleboard	
Formaldehyde Emission	< 0.5 mg/l

Product Specifics

All PYNEboard E0 sizes are available in standard or moisture resistant grade.

Product	Thickness (mm)	Size (mm)
PYNEboard MR	9,12,16,18,25,33	2400x1200 2400x1800 3600x1800
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Textures available

Velvet – a delicate eggshell surface

Décor – a lightly dimpled texture

Properties

Further information on handling and properties of CHH particleboard products can be found in the PYNEboard brochure at www.chhwoodproducts.com.au

General Board Weight – E0 PB		
Thickness (mm)	Density (kg/m³)	Weight (kg/m²)
9	695	6.3
12	675	8.1
16	670	10.4
18	625	11.3
25	620	15.5
33	620	20.5

Property	Units	Particleboard Physical Properties Typical Values	
		Standard E0	MR E0
Density	kg/m³	650	625
Thickness Swell	%	15	7
Internal Bond	MPa	0.45	0.7
Modulus of Elasticity (MOE)	MPa	2500	2800
Modulus of Rupture (MOR)	MPa	16	18
Surface Soundness	MPa	1.4	1.8
Wet Bending Strength A	MPa	–	6.0

NB: Actual properties will depend on site of manufacture. Only the raw panel substrate is manufactured and listed for compliance to the property and emission requirements detailed in AS/NZS 1859.1 Reconstituted wood based panels - Specification Part 1: Particleboard