

APPLICATIONS	
	RESULT
<b>Applications</b>	Flooring & Decking
<b>Type of Building Structure</b>	Residential housing, commercial & other (buildings limited loadings - refer to Design & Installation Guide)
<b>Wet Areas</b>	Yes

PANEL – DIMENSIONAL & GEOMETRICAL CHARACTERISTICS			
DIMENSIONAL/ GEOMETRICAL CHARACTERISTIC	SPECIFICATION	MANUFACTURING TOLERANCE	RELEVANT STANDARD
<b>Panel Dimensions</b>	600 mmW x 2700 mmL x 19 mmD 900 mmW x 1800 mmL x 19 mmD (Non Standard Sizing) 600 mmW x 2400 mmL x 22 mmD	Width +0 -3 mm Length +0 -3 mm Thickness +0.3 -0 mm	
<b>Profile</b>	Tongue & Groove		
<b>Perpendicularity/squareness of edges</b>	2 mm/linear metre		
<b>Weight (typical)</b>	25.5 kg/m <sup>2</sup> (Constructafloor 19 mm) 28.6 kg/m <sup>2</sup> (Constructafloor 22 mm)		
<b>Layout Options</b>	N/A		
<b>Jointing</b>	Concealed		

PANEL – STRENGTH & MOISTURE RELATED PROPERTIES			
PHYSICAL PROPERTY	RESULT	RELEVANT STANDARD	
<b>Modulus of Rupture (Wet)</b>	8 MPa	AS2908.2	
<b>Modulus of Elasticity (Wet)</b>	1.5-2.5 GPa	N/A	
<b>Density (Oven Dry)</b>	1220 kg/m <sup>3</sup>	AS2908.2	
<b>Water Vapor Diffusion</b>	N/A	N/A	
<b>Water Tightness (24hrs)</b>	No water droplet	AS2908.2	
<b>Water Absorption (Saturated – 48hrs)</b>	30 wt%	ASTM C 1186	
<b>Moisture Content (EMC)</b>	7 wt%	ASTM C 1186	
<b>Moisture Movement</b>	0.062%	ASTM C 1186	

PANEL – OTHER DURABILITY/WEATHER RESISTANCE INDICATORS		
TEST	RESULT	RELEVANT STANDARD
<b>Heat Rain</b>	PASSED (25 Cycles)	AS2908.2
<b>Freeze Thaw</b>	PASSED (50 Cycles)	AS2908.2
<b>Warm Water Resistance</b>	PASSED (56 Days)	AS2908.2
<b>Soak Dry</b>	PASSED (25 Cycles)	AS2908.2

PANEL – FINISH CHARACTERISTICS				
CHARACTERISTIC	RESULT	RELEVANT STANDARD		
<b>Finish</b>	Preprimed			
<b>Coating Type</b>	Sealer: Polyurethane			
<b>Colour Bodied</b>	No			
<b>Paint Type</b>				
<b>UV Resistance</b>	N/A	N/A		
<b>Formaldehyde Emission Rate</b>	N/A	N/A		
<b>VOC Emission Rate</b>	N/A	N/A		
SPECTRAL REFLECTIVITY VALUES	SOLAR REFLECTANCE %	SOLAR ABSORPTION %	BASIX COLOUR	RELEVANT STANDARD
Constructafloor® Internal				N/A

PANEL – FIRE RESISTANCE, THERMAL & ACOUSTIC PROPERTIES				
CHARACTERISTIC	RESULT	RELEVANT STANDARD		
<b>Fire Resistance</b>				
Combustibility	Suitable for use in applications where non-combustible materials are specified by the Deemed to Satisfy Provisions of the 2019 BCA Vol 1 Clause C1.9	N/A		
Fire Hazard Properties	Group 1 Av Specific Extinction Area <250	AS5637.1		
Classification	N/A	N/A		
<b>Thermal Conductivity</b>				
Thermal Conductivity (λ-Factor)	≈ 0.229 W/m.K			
Thermal Expansion Co-efficient	N/A	N/A		
<b>Acoustic Value</b>				
Sound reduction (depends on construction)	N/A	N/A		

SYSTEM SOLUTIONS				
CHARACTERISTIC	RESULT	RELEVANT STANDARD		
<b>Within Scope of AS4055?</b>	N/A	N/A		
<b>Wind Loading – Residential housing buildings within the scope of AS4055</b>	N/A	N/A		
<b>Weatherproofing</b>	N/A	N/A		
<b>Cyclonic Conditions</b>	N/A	N/A		
<b>Fire Resistance Limits (FRLs)</b>	N/A	N/A		
<b>Bushfire Construction</b>	N/A	N/A		
<b>Acoustic</b>	N/A	N/A		
<b>Thermal</b>	N/A	N/A		

**FIXING**

**CHARACTERISTIC**

Maximum Span (Stud Spacing) Up to 450 mm (Constructafloor 19 mm), up to 600 mm (Constructafloor 22 mm)

**Direct Fix**

Nail to Timber Frame Yes

Screw to Timber Frame Yes

Screw to Steel Frame Yes

**Cavity Fix**

Timber Frame N/A

Steel Frame N/A

Masonry Frame N/A

**Exposed Fasteners**

Screw N/A

Rivet N/A

Nail N/A

**Concealed Fasteners**

Clip N/A

Countersunk Screw/Nail N/A

Adhesive, Split Batten, etc. N/A

Hidden by Overlapping Panel N/A

Flush Jointed (Taped) N/A

**WARRANTY**

**10 YEARS**