

## TECHNICAL DATA SHEET | TEXTURE BASE SHEET

APPLICATIONS	
	RESULT
Applications	Façades & Cladding
Type of Building Structure	Residential Housing Buildings within the scope of AS4055
Wet Areas	No

PANEL – DIMENSIONAL & GEOMETRICAL CHARACTERISTICS			
DIMENSIONAL/ GEOMETRICAL CHARACTERISTIC	SPECIFICATION	MANUFACTURING TOLERANCE	RELEVANT STANDARD
Panel Dimensions	1200 mmW x 2440 mmL x 7.5 mmD 1200 mmW x 2725 mmL x 7.5 mmD 1200 mmW x 3000 mmL x 7.5 mmD	Width +0 -3 mm Length +0 -4 mm Thickness +0.5 -0 mm	
Profile	Recessed Edge		
Perpendicularity/squareness of edges	2 mm/linear metre		
Weight (typical)	11.7 kg/m <sup>2</sup>		
Layout Options	Horizontal, Vertical (Preferred), Curved		
Jointing	Concealed		

PANEL – STRENGTH & MOISTURE RELATED PROPERTIES			
PHYSICAL PROPERTY	RESULT	RELEVANT STANDARD	
Modulus of Rupture (Wet)	>9 MPa	AS2908.2	
Modulus of Elasticity (Wet)	3-5 GPa	AS2908.2	
Density (Oven Dry)	1350 kg/m <sup>3</sup>	AS2908.2	
Water Vapor Diffusion	Not Required	Not Required	
Water Tightness (24hrs)	No water droplet	AS2908.2	
Water Absorption (Saturated – 48hrs)	30 wt%	ASTM C 1186	
Moisture Content (EMC)	7 wt%	ASTM C 1186	
Moisture Movement	0.05%	ASTM C 1186	

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

PANEL – FINISH CHARACTERISTICS				
CHARACTERISTIC	RESULT			RELEVANT STANDARD
<b>Finish</b>	Preprimed			
<b>Coating Type</b>	Sealer Type: Pigmented Sealer On Face			
<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
<b>Texture Base Sheet</b>				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 2016 BCA Vol 1 Amendment 1 Clause C1.9 (2015 BCA Vol Clause C1.12)			
Fire Hazard Properties	Group 1 Av Specific Extinction Area <250			AS5637.1
Classification	1			AS/NZ3837
<b>Thermal Conductivity</b>				
Thermal Conductivity ( $\lambda$ -Factor)	≈ 0.2776 W/m.K			
Thermal Expansion Co-efficient	0.005-0.01 mm/mK			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>	Yes			
<b>Wind Loading - Residential housing buildings within the scope of AS4055</b>	N1, N2, N3, N4, N5, C1, C2, C3, C4			
<b>Weatherproofing</b>	Suitable for all building classes as set out in the BCA (ie 1&10, 2-9)			N/A
<b>Cyclonic Conditions</b>	N/A			N/A
<b>Fire Resistance Limits (FRLs)</b>	Up to 90/90/90			Refer to Gyprock® The Red Book™
<b>Bushfire Construction</b>	BAL 29 (Construction for Bushfire Attack Level 29 for an external wall)			AS3959-8
<b>Acoustic</b>	Acoustic solutions of up to RW/RW+CTR 51/43 are detailed			Refer to Gyprock® The Red Book™
<b>Thermal</b>	Thermal solutions of up to RT(sum)/RT(win) 3.5/3.8			Refer to Gyprock® The Red Book™

**FIXING**

**CHARACTERISTIC**

Maximum Span (Stud Spacing) Up to 600 mm

**Direct Fix**

Nail to Timber Frame Yes

Screw to Timber Frame No

Screw to Steel Frame Yes

**Cavity Fix**

Timber Frame Yes

Steel Frame No

Masonry Frame No

**Exposed Fasteners**

Screw No

Rivet No

Nail No

**Concealed Fasteners**

Clip No

Countersunk Screw/Nail Yes

Adhesive, Split Batten, etc. No

Hidden by Overlapping Panel No

Flush Jointed (Taped) No

**WARRANTY**

**10 YEARS**