

## PANEL DESCRIPTION / COMPOSITION

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 &amp; GEOMETRICAL CHARACTERISTICS

Dimensional/Geometrical Characteristic	Specification	Manufacturing Tolerance	Relevant Standard
Panel Dimensions	900mmW x 2440mmL x 7.5mmD 900mmW x 3000mmL x 7.5mmD 200mmW x 2440mmL x 7.5mmD 1200mmW x 2725mmL x 7.5mmD 1200mmW x 3000mmL x 7.5mmD	Width +0 -3 mm Length +0 -4 mm Thickness +0.5 -0 mm	
Profile	Recessed Edge		
Perpendicularity/squareness of edges	2mm/linear meter		
Weight (typical)	11.7kg/m <sup>2</sup>		
Layout Options	Horizontal, Vertical (Preferred), Curved		
Jointing	Concealed		

## PANEL - STRENGTH &amp; 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/m3	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
Finish	Preprimed	
Coating Type	Sealer Type: Pigmented Sealer On Face	
Colour Bodied	No	
Paint Type		
UV Resistance	N/A	N/A
Formaldehyde Emission Rate	N/A	N/A
VOC Emission Rate	N/A	N/A

Spectral Reflectivity Values	Solar Reflectance %	Solar Absorption %	Basix Colour	Relevant Standard
Texture Base Sheet				N/A

#### PANEL - FIRE RESISTANCE, THERMAL & ACCOUSTIC PROPERTIES

Characteristic	Result	Relevant Standard
FIRE RESISTANCE		
Combustibility	Suitable for use in applications where non-combustible materials are	

specified by the Deemed to Satisfy Provisions of the BCA (clause C1.12)

Fire Hazard Properties	Group 1 Av Specific Extinction Area <250	AS/NZ 3837
Classification	1	AS/NZ 3837
Surface Burning Characteristics	Ignitability =0, Flame Propagation =0, Heat Release =0, Smoke Release=1	AS1530.3
THERMAL CONDUCTIVITY		
Thermal Conductivity ( $\lambda$ -Factor)	$\approx 0.2776 \text{ W/mK}$	
Thermal Expansion Co-efficient	0.005-0.01mm/mK	N/A
ACOUSTIC VALUE		
Sound reduction (depends on construction)	N/A	N/A

## SYSTEM SOLUTIONS

Characteristic	Result	Relevant Standard
Within Scope of AS4055?	Yes	
Wind Loading - Residential housing buildings within the scope of AS4055	N1, N2, N3, N4, N5, C1, C2, C3, C4	
Weatherproofing	Suitable for all building classes as set out in the BCA (ie 1&10, 2-9)	N/A
Cyclonic Conditions	N/A	N/A
Fire Resistance Limits (FRLs)	Up to 90/90/90	Refer to Gyprock® The Red Book™
Bushfire Construction	BAL 29 (Construction for Bushfire Attack Level 29 for an external wall)	AS 3959-8
Acoustic	Acoustic solutions of up to RW/RW+CTR 51/43 are detailed	Refer to Gyprock® The Red Book™
Thermal	Thermal solutions of up to RT(sum)/RT(win) 3.5/3.8 are detailed	Refer to Gyprock® The Red Book™

## FIXING

Characteristic	
Maximum Span (Stud Spacing)	Up to 600mm

#### DIRECT FIX

Nail to Timber Frame	Yes
----------------------	-----

Screw to Timber Frame	No
-----------------------	----

Screw to Steel Frame	Yes
----------------------	-----

#### INDIRECT 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

25 YEARS ON PANEL AND COATING SYSTEM

January 22, 2018

[cemintel.com.au](http://cemintel.com.au)

**CSR**