

TECHNICAL DATA SHEET | SOFFITLINE®

APPLICATIONS	
	RESULT
Applications	Eaves & Soffits
Type of Building Structure	Residential Housing Buildings within the scope of AS4055, Commercial & Other
Wet Areas	Yes

PANEL – DIMENSIONAL & GEOMETRICAL CHARACTERISTICS			
DIMENSIONAL/ GEOMETRICAL CHARACTERISTIC	SPECIFICATION	MANUFACTURING TOLERANCE	RELEVANT STANDARD
Panel Width	1200 mm	+0 mm / -3 mm	
Panel Length	3600 mm	-0 mm / -4 mm	
Panel Thickness	6 mm	+0.5 mm / -0 mm	
Profile	Recessed Edge		
Perpendicularity/squareness of edges	2 mm/linear metre		
Weight (typical)	9.4 kg/m ²		
Layout Options	N/A		
Jointing	Concealed		

PANEL – STRENGTH & MOISTURE RELATED PROPERTIES			
PHYSICAL PROPERTY	RESULT	RELEVANT STANDARD	
Modulus of Rupture (Wet)	>8 MPa	AS2908.2	
Modulus of Elasticity (Wet)	3-5 GPa	AS2908.2	
Density (Oven Dry)	1350 kg/m ³	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	0.06%	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
Soffitline®				N/A

PANEL – FIRE RESISTANCE, THERMAL & ACOUSTIC 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 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	
Thermal Conductivity				
Thermal Conductivity (λ-Factor)	≈ 0.2776 W/m.K			
Thermal Expansion Co-efficient	0.005-0.01 mm/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			
Weatherproofing	N/A		N/A	
Cyclonic Conditions	N/A		N/A	
Fire Resistance Limits (FRLs)	N/A		N/A	
Bushfire Construction	BAL 40 (Construction for Bushfire Attack Level 40 for an external wall)		AS3959-8	
Acoustic	N/A		N/A	
Thermal	N/A		N/A	

FIXING

CHARACTERISTIC

Maximum Span (Stud Spacing) Up to 1200 mm (internal), Up to 1610 mm (external)

Direct Fix

Nail to Timber Frame No

Screw to Timber Frame No

Screw to Steel Frame No

Cavity Fix

Timber Frame No

Steel Frame Yes

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 Yes

Flush Jointed (Taped) Yes

WARRANTY

25 YEARS