

This technical product specification is prepared by alco china as the acceptable suitability evidence in accordance with NCC 2019. (see NCC 2019 V1 Clause A5.2 (1)(f))

PRODUCT	Alclad® SAP SOLID ALUMINIUM	
Product Usage	Non-Combustible Façade Cladding (External Wall)	
Material	Aluminium – Wall Cladding	
Non-Combustibility Test	AS 1530.1	
Fire Hazard Test	AS/NZS 1530.3	
Ignitability Index	0	
Flame Spread Index	0	
Heat Evolution Index	0	
Smoke Development Index	0	
BCA 2019 Fire Compliance	C1 .9 e(v)	
Construction Type Usage	Type A, B & C	
Product Thickness	3mm	4mm
Weight	8.1 Kg/m	10.8 Kg/m
Density	2730 Kg/m ³	2730Kg/m ³
Aluminium Grade	3003	3003
Temper	H32 (1/4 Hard)	H32 (1/4 Hard)
Standard Width (3mm & 4mm)	1220mm, 1250mm & 1575mm	
Standard Length (3mm & 4mm)	2500mm, 3200mm & 4000mm Max 6000mm	
Tensile Yield Strength	193 MPA Minimum	193 MPA Minimum
Ultimate Tensile Strength	235 MPA	235 MPA
Elongation at Break	8%	8%
Thermal Expansion Coefficient	23 Microns/°C.m	23 Microns/°C.m
Acoustic Resistance	27Rw 27dB	TBC
Coating	PVDF Fluoropolymer Coil Coating	
Resin	Kynar 500®	
Compliance	AAMA2605-1 7 (Passed)	
Min Dry Film Thickness	2 Coat 25 Micron	3 Coat 33 Micron
Warranty	15 Years	20 Years
Colour	Refer RAL Colour Chart	
Colour Matching	Can match to most wet paint colours	
Performance		
Weatherproofing AS/NZ 4284:2008	NCC 2019 Verification Methods FV1 V2.2.1-Passed	
Static Wind Pressure	750Pa	
Installation	Cassette system	
	See Alco's Instruction Manual	
Maintenance	Refer to Alco's Care and Maintenance Guide	

Group Number May be used where a group 1 is required based on a performance solution using NCP test data based on AS5637 & AS3837 and comparison by DTS solutions. Please consult Alco for a Tailored Solution

For more Information, please contact alco on +86-13861053378 or andy@alcochina.com