

TECHNICAL DATA SHEET

ALUCORE[®] ACCP



PROPERTIES	STANDARDS	UNIT	VALUES
Panel Standard Thickness	Nominal	[mm]	4 / 6
Coated Skin Thickness, Front Side	Nominal	[mm]	0.7
Coated Skin Thickness, Rear Side	Nominal	[mm]	0.5
Weight	Nominal	[kg/m ²]	4.45
TECHNICAL PROPERTIES:			
Alloy Of Cover Sheets	ASTM B209-04		3105 / 5005
Temper of Cover Sheets	ASTM B209-04		H24
Modulus of Elasticity	ASTM E8	[N/mm ²]	70,000
Tensile Strength of Aluminium	ASTM E8	[N/mm ²]	R _m ≥ 125
0.2% Proof Stress	ASTM E8	[N/mm ²]	R _{p0.2} ≥ 90
Elongation	ASTM E8	[%]	A ₅₀ ≥ 4
SURFACE:			
Lacquering			Coil coating FEVE / PVDF
Gloss (Initial Value)	ASTM D523		As per the colour shade
Pencil Hardness	ASTM D3363		HB ~ F
THERMAL PROPERTIES:			
Temperature Range		[°C]	-40 to +80
FIRE PROPERTIES:			
Fire Classification	EN 13501-1		Class A2 - s1, d0
ENVIRONMENT & HEALTH ASPECTS:			
Environment Management System			ISO 14001 : 2015
Occupational Health & Safety Management System			ISO 45001 : 2018
Quality Management System			ISO 9001 : 2015
DIMENSIONAL TOLERANCES:			
Panel Thickness		[mm]	± 0.2mm
Thickness of Coated Skins		[mm]	± 0.05mm
Weight		[kg/m ²]	± 5%
Width		[mm]	Upto 1250mm + 2mm
Length		[mm]	< 4000mm + 6mm Above 4000mm + 10mm

Specifications are subject to change without prior notice/intimation.