

TECHNICAL DATA SHEET

AlucoMax Aluminum Composite Material/Panel(ACM/ACP) is fully tested and certified, top quality architectural wall cladding panel providing the strength and flexibility required for the most demanding design criteria.

PANEL INFORMATION

Sr.NO.	TEST ITEM	RESULTS
01	Total Thickness	4mm
02	Aluminium skin thickness	0.3 mm
03	Standard width	1500mm
04	Alloy and Temper	EN AW AA1100H18
05	Unit weight	5.14kg/m ²

DIMENTIONAL TOLERANCES

01	Panel Thickness	±0.2mm
02	Aluminum Thickness	±0.02mm(EN485-4)
03	Width	±2mm
04	Length	±3mm
05	Diagonal	±5mm
06	Bow	Max 0.7%(5mm/m) of length or width

SURFACE PROPERTIES

01	Coating finish	Fluoropolymer (PVDF or FEVE)
02	Paint Thickness(micron meter)	27±1
03	Pencil Hardness	≥2H
04	T-Bend	≤2T
05	Impact Strength (kg/m ²)	30
06	Adhesion Force	100/100 No peel
07	Boiling Water Resistance	Boiling for 2H without change
08	Solvent Resistance	Cleaned 200times with Dimethylbenzene without change
09	Acid Resistance	Immerse Surface in 5%HCL for 48H without change
10	Alkali Resistance	Immerse Surface in 5%NaOH for 48H without change
11	Cleaning Resistance	> 1000 times without change

All Testing and Certification performed by third party accredited testing agencies. Test information contained in the above chart is representative of Panaplast S.A.