

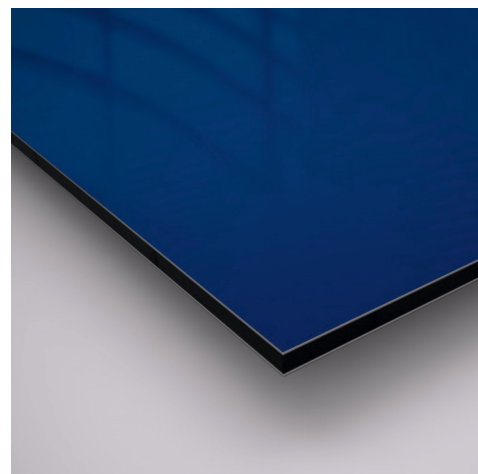
Technical data

CODE:**PRODUCT:**

ACPa 5000 PE

NOTE:

TECHNICAL DATA

IMAGE:**LAST UPDATE:**

7/2021

ALUMINIUM COMPOSITE PANEL 5000

Production size	
Panel thickness	2 mm / 3 mm / 4 mm
Aluminium skin thickness	0,21 mm / 0,30 mm ($\pm 0,02$)
Standard size	4 mm x 1 250 mm x 3 200 mm
Width	1 000 mm / 1 250 mm / 1 500 mm
Length	up to 6 400 mm

Production tolerances	
Thickness	$\pm 0,2$ mm
Width	+2/0 mm
Length	+4/0 mm
Diagonal difference	max. 3 mm

Specifications	
Core type	LDPE (Low-Density-Polyethylen)
Aluminium alloy/ temper	EN AW 3105 or EN AW 3005 H42 - H46
Proof stress	min. 150 MPa
Tensile strength	180 - 220 MPa
Elongation	6-7%
Modulus of elasticity (MPa)	70.000
Paint type	Polyester
Primer paint thickness	5 μ (± 2) (ECCA T1)
Finish paint thickness	20 μ (± 2) (ECCA T1)
Gloss 60°	30% ($\pm 5\%$) (ECCA T2)
Color differences	$\Delta E <$ (ECCA T3) (for solid colors)
Coating adhesion	GT 0 (ISO 2409)
Pencil hardness	\geq HB (ECCA T4)
Solvent rubs	\geq 100 MEK (ECCA T11)
Fire resistant	class E (EN 13501-1)