

STAC BOND

TECHNICAL SHEET

The company SISTEMAS TÉCNICOS DEL ACCESORIO Y COMPONENTES SL (STAC SL) certifies that the product:

PANEL COMPOSITE STACBOND® PE

Has the following properties:

CHARACTERISTIC	VALUE	UNITS
1.-Panel thickness	4	mm
2.-Panel weight thickness	5.46	Kg/m ²
3.-Aluminum sheet	0.50	mm
4.-Aluminum alloy sheet	3005- H44	
5.-Type of painting of the coated surface	PVdf Kynar 500 70/30	
6.-Tolerances in the thickness of the Panel Stacbond	+0.15,-0.10	mm
7.-Tolerances in the width of the Panel Stacbond	-0 , +2	mm
8.-Tolerances in the length of the Panel Stacbond	-0 , +3	mm
9.-Tolerances in the diagonals of the Panel Stacbond	±3	mm
11.-Thermal expansion 100°C	0.0236	mm/m/°C
12.-Temperature range	-50°, +80°C	
13.-Peeling	>9.8	N/mm
14.-Airborne Sound Insulation	26 (-1, -3)	dB
15.-Thermal Expansion	22.5 x 10 ⁻⁶	°C ⁻¹

TECHNICAL CHARACTERISTICS OF THE COATED SIDE

CHARACTERISTIC	NORM	VALUE
Coil coated aluminum used by Stacbond to manufacture panel composite, are produced and controlled to meet the EN 1396 and EN 13523 norms.		
1.- Composition of Aluminum	EN 485	
2.-Mechanical properties of aluminum	EN 1396	
3.-Type of coating for external side		PVDF
4.-Specifications of the coating	EN 1396	

The values reported are the result of controls during the manufacturing process and laboratory test.