

SHEET DIMENSIONS		WIDTHS (mm)	LENGTHS (mm)
Made to measure manufacture (CONSULT)		1000 / 1250 / 1500 / 2000	(min. / max.) 2000 / 6000
Thickness tolerance (mm) $\pm 0,2$	Width tolerance (mm) ± 2	Length tolerance (mm) $+ 15$	Diagonals tolerance (mm) ± 3
Tolerance of the Protective Film on the panel (mm) $+0; -5$			
PHYSICAL SPECIFICATION	UNIT	VALUE	NORM
Aluminium thickness	mm	0,5	
Panel thickness	mm	4	
Panel weight	kg/m ²	8,3	
Aluminium alloy		5005 / 3105 / 3005	UNE EN 573-3
A2 CORE SPECIFICATION	UNIT	VALUE	NORM
Density	g/cm ³	1,9 $\pm$ 0,15	
Fire reaction		A2 – S1, d0	UNE-EN-13501-1:2007
COATING TYPE	UNIT	VALUE	NORM
External coating thickness (Primer + PvdF 70/30)	μ m	25 – 40*	EN 13523 – 1
PvdF 70/30	μ m	20 – 30*	
Primer	μ m	5 – 10*	
Internal coating thickness (Primer)	μ m	5 – 10*	
Gloss (measured at 60° angle)	GU	30 $\pm$ 5*	EN 13523 – 2 / ISO 2813
Hardness (pencil hardness)		HB – F	EN 13523 – 4
GENERAL CHARACTERISTICS	UNIT	VALUE	NORM
Adherence		No loss of adherence	EN – DIN – 53151
Elasticity module (E)	N/mm ²	70000	EN 485 – 2
Proof stress (R _{p0.2})	N/mm ²	≥ 80	
Tensile strength (R _m)	N/mm ²	125 $\leq$ R _m $\leq$ 240	
Elongation (A ₅₀)	%	≥ 4	
Impact resistance		4 Joules / GT0	EN 13523 – 5/6
Chemical Resistance		5% HCl unchanged	ISO 2812 – METHOD 3
Temperature utilization	°C	– 40 / +80	
Acoustic insulation Rw (C;Ctr)	dB	30 [–1; –3]	ISO 717 – 1

USE SPECIFICATIONS

- Edge folding is recommended in **STACBOND® A2** panel applied in our own mounting systems (STB-REM, STB-T-REM, STB-PEG, STB-T-PEG) or in others where the edge is visible.**
- Punching is not recommended in **STACBOND® A2** panel for outdoor applications.**
- There may be limitations in the realization of **STACBOND® A2** panels with high gloss finishes. Consult **STAC®** for available finishes.

* Standard values, other values can be accepted if the finish requires it and does not affect the product quality.

** Obligatory conditions of execution for obtaining a warranty.

