

SHEET DIMENSIONS		WIDTHS (mm)	LENGTHS (mm)	
Made to measure manufacture (CONSULT)		1000 / 1250 / 1500 / 2000	(min. / max.) 2500 / 6000	
Thickness tolerance (mm) ± 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	8,02		
Aluminium alloy		5005 / 3105 / 3005	UNE EN 573-3	
FR CORE SPECIFICATION	UNIT	VALUE	NORM	
Density	g/cm ³	1,6 – 1,8		
Fire reaction		B – S1, d0	UNE-EN-13501-1:2007	
COATING TYPE	UNIT	VALUE	NORM	
External coating thickness (Primer + PvdF 70/30)	μm	25 – 40*		
PvdF 70/30	μm	20 – 30*		
Primer	μm	5 – 10*	EN 13523 – 1	
Internal coating thickness (Primer)	μm	5 – 10*		
Gloss (measured at 60° angle)	GU	30 ± 5*	EN 13523 – 2 / ISO 2813	
Hardness (pencil hardness)		HB – F	EN 13523 – 4	
GENERAL CHARACTERISTICS	UNIT	VALUE	NORM	
Peeling	N/mm	≥ 7	ASTM D903 – 98 (2004)	
Adherence		There is no loss of adherence	EN – DIN – 53151	
Elasticity module (E)	N/mm ²	70000		
Proof stress (R _{p0,2})	N/mm ²	≥ 80		
Tensile strength (R _m)	N/mm ²	125 ≤ R _m ≤ 240	EN 485 – 2	
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		
Thermal expansion for differences of 100° C	mm/m (100°)	2,36	UNE-EN ISO 10545:1997	
Thermal transmission (U)	W/m ² K	5,62	UNE-EN ISO 12567-1	
Accoustic insulation Rw (C;Ctr)	dB	29 [-1; -3]	ISO 717 – 1	

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