

SHEET DIMENSIONS		WIDTHS (mm)		LENGTHS (mm)	
Made to measure manufacture (CONSULT)		1250 / 1500 / 2000		(min.max.) 2500 / 6000	
Thickness tolerance (mm) $\pm 0,2$		Width tolerance (mm) $\pm 2$		Length tolerance (mm) + 15	
				Diagonals tolerance (mm) $\pm 3$	
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 <sup>2</sup>	8,3		
Aluminium alloy			5005 / 3105 / 3005	UNE EN 573-3	
A2 CORE SPECIFICATION		UNIT	VALUE	NORM	
Density		g/cm <sup>3</sup>	1,9 $\pm$ 0,15		
Fire Resistance			A2 - S1, d0	UNE-EN-13501-1:2007	
COATING TYPE		UNIT	VALUE	NORM	
External coating thickness (Primer + PvdF KYNAR 500 - 70/30)*		$\mu$ m	20 - 40*	EN 13523 - 1	
Internal coating thickness (Primer)*		$\mu$ m	5 - 10*	EN 13523 - 1	
Gloss (measured at 60° angle)		GU	30 $\pm$ 5*	EN 13523 - 2 / ISO 2813	
Hardness			Min F	EN 13523 - 4	
GENERAL CHARACTERISTICS		UNIT	VALUE	NORM	
Adherence			No loss of adherence	EN - DIN - 53151	
Elasticity module (E)		N/mm <sup>2</sup>	70000	EN 485 - 2	
Proof stress (R <sub>p0,2</sub> )		N/mm <sup>2</sup>	$\geq 80$	EN 485 - 2	
Tensile strength (R <sub>m</sub> )		N/mm <sup>2</sup>	125 $\leq$ R <sub>m</sub> $\leq$ 240	EN 485 - 2	
Elongation (A)		%	$\geq 4$	EN 485 - 2	
Impact resistance			4 Joules / GT0	EN 13523 - 5/6	
Chemical Resistance			5% HCl unchanged	ISO 2812 - METHOD 3	
Temperature utilization		°C	- 40 / +70		
Acoustic insulation Rw (C;Ctr)		dB	30 [-1; -3]	ISO 717 - 1	

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