

SHEET DIMENSIONS		WIDTHS (mm)	LENGTHS (mm)	
Made to measure manufacture (CONSULT)		1250 - 1500 - 2000	[min.max.] 2000 / 6000	
Thickness tolerance (mm) ± 0,2	Width tolerance (mm) ± 2	Length tolerance (mm) + 15	Diagonals tolerance (mm) ± 3	
PHYSICAL SPECIFICATION	UNITS	SIZE	CERTIFICATION	
Aluminium thickness	mm	0,5		
Panel thickness	mm	4		
Panel weight	kg/m ²	8,3		
Aluminium alloy		3005 / 3105 / 5005	UNE EN 573-3	
A2 CORE SPECIFICATION	UNITS	SIZE	CERTIFICATION	
Density	g/cm ³	1,9 ± 0,15		
Fire Resistance		A2 - S1, d0	UNE-EN-13501-1:2007	
TYPE OF PAINT	UNITS	SIZE	CERTIFICATION	
PvdF KYNAR 500 (70/30)	μm	20 - 40 μm*		
Brightness	MEASURED AT 60° ANGLE	30 +/- 5*	EN 13523 - 2	ISO 2813
Hardness		Min F	EN 13523 - 4	
Priming protection			YES	
CARACTERÍSTICAS GENERALES	UDS.	MEDIDA	CERTIFICACIÓN	
Adherence		No loss of adherence	EN - DIN - 53151	
Elasticity module (E)	N/mm ²	70000	EN 485 - 2	
Elasticity limit (R _p 0.2)	N/mm ²	≥ 80	EN 485 - 2	
Break loading (R _m)	N/mm ²	125 ≤ R _m ≤ 240	EN 485 - 2	
Lengthening (A)	%	≥ 2	EN 485 - 2	
Impact Resistance		4 Joules / GT0	EN 13523 - 5/6	
Chemical Resistance		5% HCL unchanged		
Temperature utilization	°C	-40° / 70°		

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

SHEET DIMENSIONS		WIDTHS (mm)		LENGTHS (mm)	
Made to measure manufacture (CONSULT)		1000 -1250 -1500		(min.max.) 2000 / 6000	
Thickness tolerance (mm) ± 0,2	Width tolerance (mm) ± 2	Length tolerance (mm) + 15	Diagonals tolerance (mm) ± 3		
PHYSICAL SPECIFICATION		UNITS	SIZE	CERTIFICATION	
Aluminium thickness	mm	0,5			
Panel thickness	mm	4			
Panel weight	kg/m ²	8,02			
Aluminium alloy		3005 / 3105 / 5005	UNE EN 573-3		
FR CORE SPECIFICATION		UNITS	SIZE	CERTIFICATION	
Density	g/cm ³	1,6 - 1,8			
Fire Resistance		B - S1, d0	UNE-EN-13501-1:2007		
TYPE OF PAINT		UNITS	SIZE	CERTIFICATION	
PvdF KYNAR 500 (70/30)	µm	20 - 40 µm*			
Brightness	MEASURED AT 60° ANGLE	30 +/- 5*	EN 13523 - 2	ISO 2813	
Hardness		Min F	EN 13523 - 4		
Priming protection			YES		
GENERAL CHARACTERISTICS		UNITS	SIZE	CERTIFICATION	
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	EN 485 - 2		
Elasticity limit (R _p 0.2)	N/mm ²	≥ 80	EN 485 - 2		
Break loading (R _m)	N/mm ²	125 ≤ R _m ≤ 240	EN 485 - 2		
Lengthening (A)	%	≥ 2	EN 485 - 2		
Impact resistance		4 Joules / GT0	EN 13523 - 5/6		
Chemical resistance		5% HCL Without changes			
Temperature utilization	°C	- 50° / 80 ^a			
Thermal expansion for differences of 100° C	mm/m (100 ^a)	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 (0; -2)	ISO 140 - 3		

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Made to measure manufacture (CONSULT)	1000 -1250 -1500 - 2000		[min. / max.] 2000 / 6000	
Thickness tolerance (mm) ± 0,2	Width tolerance (mm) ± 2	Length tolerance (mm) + 15		Diagonals tolerance (mm) ± 3
PHYSICAL SPECIFICATION	UNITS	SIZE	CERTIFICATION	
Aluminium thickness	mm	0,5		
Panel thickness	mm	4		
Panel weight	kg/m ²	5,5		
Aluminium alloy		3005 / 3105 / 5005	UNE EN 573-3	
PE CORE SPECIFICATION	UNITS	SIZE	CERTIFICATION	
Density	g/cm ³	0,92		
TYPE OF PAINT	UNITS	SIZE	CERTIFICATION	
PvdF KYNAR 500 (70/30)	μ _m	20 – 40 μ _m *		
Brightness	MEASURED AT 60° ANGLE	30 +/- 5 *	EN 13523 - 2	ISO 2813
Hardness		Min F	EN 13523 - 4	
Priming protection			YES	
GENERAL CHARACTERISTICS	UNITS	SIZE	CERTIFICATION	
Peeling	N/mm	≥ 9,8	ASTM D903 - 98 (2004)	
Adherence		There is no loss of adherence	EN - DIN - 53151	
Elasticity module (E)	N/mm ²	70000	EN 485 - 2	
Elasticity limit (R _p 0.2)	N/mm ²	≥ 80	EN 485 - 2	
Break loading (R _m)	N/mm ²	125 ≤ R _m ≤ 240	EN 485 - 2	
Lengthening (A)	%	≥ 2	EN 485 - 2	
Impact resistance		4 Joules / GTØ	EN 13523 - 5/6	
Chemical resistance		5% HCL Without changes	ISO 2812 - MÉTHOD 3	
Temperature utilization	°C	- 50° / 80 ^a		
Thermal expansion for differences of 100° C	mm/m [100 ^a]	2,25	UNE-EN ISO 10545:1997	
Thermal transmission (U)	W/m ² K	3,38	UNE-EN ISO 12567-1	
Accoustic insulation Rw [C;Ctr]	dB	26 [-1; -3]	ISO 140 - 3	

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