

SHEET DIMENSIONS
WIDTHS (mm)
LENGTHS (mm)

Made to measure manufacture (CONSULT)	1000 / 1250 / 1500 / 2000	[min. / max.] 2500 / 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	5,5	
Aluminium alloy		5005 / 3105 / 3005	UNE EN 573-3

PE CORE SPECIFICATION
UNIT
VALUE
NORM

Density	g/cm ³	0,93	
---------	-------------------	------	--

COATING TYPE
UNIT
VALUE
NORM

External coating thickness (Primer + PvdF KYNAR 500 – 70/30)*	μ_m	20 – 40*	EN 13523 – 1
Internal coating thickness (Primer)*	μ_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

Peeling	N/mm	$\geq 9,8$	ASTM D903 – 98 (2004)
Adherence		There is no loss of adherence	EN – DIN – 53151
Elasticity module (E)	N/mm ²	70000	EN 485 – 2
Proof stress ($R_{p0,2}$)	N/mm ²	≥ 80	EN 485 – 2
Tensile strength (R_m)	N/mm ²	$125 \leq R_m \leq 240$	EN 485 – 2
Elongation (A)	%	≥ 4	EN 485 – 2
Impact resistance		4 Joules / GTØ	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°)	2,25	UNE-EN ISO 10545:1997
Thermal transmission (U)	W/m ² K	3,38	UNE-EN ISO 12567-1
Acoustic insulation Rw [C;Ctr]	dB	28 [0; -3]	ISO 717 – 1

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