

TECHNICAL DATA SHEET

buildbond'A2

PANEL DIMENSIONAL CHARACTERISTICS			
	VALUE	UNIT	NORM
Panel thickness	4	mm	EAD 090062-00-0404
Aluminium thickness	0.5	mm	
Panel weight	7.8	kg/m ²	
Standar panel width *others to consult	1000-1250-1500-2000	mm	
Standar panel length [min -max.] *others to consult	2000 - 6000	mm	

PANEL DIMENSIONAL TOLERANCE			
	VALUE	UNIT	NORM
Weight tolerance	± 5	%	
Thickness tolerance	± 0.2	mm	
Width tolerance	± 2	mm	
Length tolerance	+15	mm	
Diagonals tolerance	± 3	mm	

COATING CHARACTERISTICS			
	VALUE	UNIT	NORM
External coating thickness PVDF 70/30/BECKRYTECH	20-30	µm	EN 13523
Thickness of interior coating Primer	10	µm	
Gloss (measured at 60° angle)	30	GU	EN 13523 - 2 / ISO 2813
Hardness (pencil hardness)	HB-F		EN 13523 - 4

PANEL CHARACTERISTICS			
	VALUE	UNIT	NORM
Temperature utilization	- 40 /+ 80	°C	
Thermal expansion Δ100°C	2.215	mm/m	
Thermal transmission[U]	5.88	W/m ² K	EN 12524

CHARACTERISTICS OF THE LACQUERED ALUMINIUM SKIN			
	VALUE	UNIT	NORM
Alloy ⁽¹⁾	5005 / 3105 /3005		EN 573-3
Elasticity module [E]	70000		
Proof stress (Rp 0.2)	≥ 80		EN 485 - 2
Tensile strength (Rm)	125 ≤ Rm ≤240		
Elongation (A50)	≥ 4		
Impact resistance	4 Julios / GTO		EN 13523 - 5/6
Chemical resistance	5% HCl sin cambios		ISO 2812 - MÉTODO 3
Density	2700	kg/m ³	

¹ Mirror finishes Alloy 1050

FIRE CLASSIFICATION			
	VALUE	UNIT	NORM
	A2-s1, d0		EN-13501-1

