

Technical Characteristics

	Unit	etalbond® d ³				etalbond® d ²				etalbond® d ¹			
Panel Thickness	mm	2	3	4	6	2	3	4	6	2	3	4	6
Aluminium Layer	mm	0.3				0.2				0.17			
Weight	kg/m ²	2.9	3.8	4.8	6.6	2.6	3.5	4.4	6.2	2.4	3.3	4.3	6.1

Dimensional Tolerances

Panel Thickness	mm	± 0.2	
Panel Width	mm	-0.00/+4.00	-0.00/+8.00
Panel Length	mm	≤4000mm: -0.0/+4.0 4001 - 6000mm: -0.0/+6.0 6001 - 8000mm: -0.0/+10.0	
Rectangularity/diagonal difference	mm	3.00mm	
Linear thermal expansion coefficient	mm/m	2.4mm/m for Temperature difference of 100°C	

Surface Properties

Paint Thickness Tolerances according to EN 1396	µm	22	18	15
Pencil Hardness		min H		
Dents, marks,hits, grooves, stains etc. acceptable when not visible at an angle of 90° and at a distance of:		≥50cm	≥1m	≥2m
Protective film	An area of 5mm max, from each edge might be without protective film unless otherwise agreed with the customer			

Other Properties

Alloy/temper of the aluminium cover sheet		EN AW - 3105/H44 or 4116/H44								4116/H46			
Core: Density of Polyethylene, Type LDPE	g/cm ³	0.92								0.93			

Notes: Material before use should be stored inside, away from direct sunlight.

It is advisable to remove the protective film within 6 months after goods receipt. Beyond this period there is a possibility that the protective film might leave remnants of adhesive on the surface.