



Technical data sheet

Tubond® Slim AL 0,15 white aluminium, both side coating composite panels with polyethylene core and 0,15 aluminium layer, both side protective foil, recommended for 2D applications. Due to their structure the aluminium composite panels are characterized by exceptional material rigidity while maintaining low weight. These characteristics together with its ideally smooth surface, make this material broadly applied in advertising, printing, as well as in many other similar fields. Due to the fact that our white panels have special polyester coating we hereby guarantee that our panels will not fade, peel off paint and delaminate within 5 years

Characteristics	Standard index	Result	Value/Size
			3mm
DESIGNATION	Tubond® Slim AL 0,15		
PHYSICAL			
Aluminium thickness			0.15mm
Face finish			matt/matt
Weight			3.65kg/m ²
Core composite			PE
Length			±3mm
Width			±2mm
Thickness			±0.2mm
Diagonal			≤5mm
Edge non-straightness			≤1
Warpage			≤5
Standard width			1500x3050 1500x4050
MECHANICAL			
Surface pencil hardness			≥HB
Coating thickness			16µm±2



T-Bending			1T
Impact resistance		NO CHANGE	30KG-CM
Adhesive		circledrawing method	CLASS 1
THERMAL			
Thermal deformation temperature			≥95°C
CHEMICAL RESISTANCE			
Boiling water resistance		NO CHANGE	
Chemical resistance: - muriatic acid 5% HCL 24 hrs - sodium hydroxide 5% NaOH 24 hrs		NO CHANGE	
Solvent resistance		NO CHANGE	
Humidity resistance		NO CHANGE	
FLAMMABILITY			
Fire propagation		qualified	