

TECHNICAL DATA SHEET

THICKNESSES AND WEIGHT					
Panel thickness	mm	2	3	4	6
Thickness of cover layers	mm	0,2			
Weight	[kg/m²]	2,6	3,5	4,4	6,8
CORE					
Polyethylene, Type LDPE	g/cm³	0,9			
SURFACES					
Polyurethane- lacquer system / polyester- lacquer system*					
TECHNICAL PROPERTIES					
Modulus of Elasticity	[N/mm²]	70'000			
Tensile Strength of Aluminium	[N/mm²]	R _m ≥ 105			
Proof Stress (0.2)	[N/mm²]	R _{p0,2} ≥ 75			
Elongation	%	A ₅₀ ≥ 3			
THERMAL PROPERTIES					
Thermal expansion coefficient		2.4 mm/m at 100°C temperature difference			
Temperature resistance	°C	-50 up to +80			

* Color variations between the front and back side are normal due to the different lacquer systems.

Note: Technical data of our products are typical ones.
The actually measured values are subject to production variations.
DILITE® is recommended with focus on flat applications only. It is not recommended for prefabrication and processing applications such as routing and folding or bending.