ALLUMINIO COMPOSITO DILITE

DILITE®

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	**%**	**A50 ≥ 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.

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