

General characteristics		Specifications	
Substrate	Impact modified acrylic		
Colors	See catalogue		
Thicknesses	1,6 mm		
Sheet Sizes	1220 x 610 mm (+/- 0.2%)		
Fabrications Properties	Router, saw, die-cut and laser		
Top Thickness	0.2 mm (+/-0.03 mm)		
Engraving depth	0,2 mm - 0,3 mm		
Use	Exterior, interior		
Property	Unit	Value	Tolerance
Color tolerance	n°	ΔE max: 1.0(**)	N/A
Level of contaminants on the surface	n°	1	≤ 1 mm ²
		1	≤ 0.5 mm ²
		3	. 0.2 mm ²

Technical properties	Standard	Unit	Value
Density	ASTM D792	g/cm ³	1.15
Rockwell hardness	ASTM D785	M scale	M42
Tensile strength at break	ISO 527	MPA	38
Nominal strain at break	ISO 527	%	35
Izod impact strength at 20 °C	ASTM D256	J/m	58.5
Vicat softening point (B/50)	ASTM D1525	°C	88.5
Service Temperature	Internal Method	°C	-40 ÷ 80
Scratch resistance	Internal Method	g	300
Flammability	UL94	Class	HB

Lightfastness		
Q.U.V. Test – ASTM G53		
Colored surfaces	Wool scale	4/5

Notes: (*) Measured on a base plane
 (***) Measured following BS6923 – Color space CIELAB CMC (1:1) using a D65/10° lamp
 (***) Approved master as reference

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