ALTUGLAS ® NIGHT & DAY

ACRYLIC SHEET

ref 126-144

Play with the light

Your sign visible night and day, every day. > In the daytime, the original colour of the sheet.

> At night, when illuminated: white appearance.

The combination of selected additives and a strong and professional light source will create a state of the art signage. The colour & white effect give an extra dimension to the visibility of illuminated signs.

Easily formed, this translucent PMMA sheet is available in a variety of colours which give a coloured (when not illuminated) and a white (when illuminated) appearance.

Performances

Key benefits



In the daytime, the original colour of the sheet.

By Night, when illuminated: white appearance.

Excellent diffusion properties- Easily formed

Extremely weatherable for outdoor applications

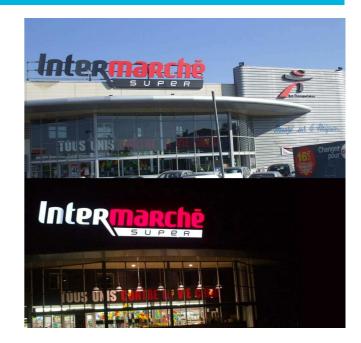
High visibility sign & signage with low energy expenditure

Altuglas® Night & Day are available in:

144.28042 Black & White 126.28022 Grey & White 126.24078 Green & White 126.23097 Blue & White

FOR YOUR PROJECT: Your colour can be optimized on request into the Night & Day range.

<u>Applications</u>: Illuminated Signs, Exhibition booth, Stores & walls in architectures...



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Visibility night and day, every day, for your sign.

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appearance:				
Technical Specifications		Measurement method	Unit	Value
General char	acteristics			
	Density	ISO 1183	g/cm³	1,19
	Water absorption (24H)	ISO 62	%	0,3
	Water absorption (8 days)	ISO 62	%	0,5
Mechanical p	properties			
	Modulus of elasticity	ISO 527-2	MPa	3300
	Tensile strength (23°C)	ISO 527	kJ/m²	76
	Charpy Impact strength (un-notched)	ISO 179/2D	kJ/m²	12
	Surface hardness (Rockwell scale M)	ISO 2039	-	100
Thermal prop	erties			
	Vicat softening point (B50)	ISO 306	°C	115
	Coefficient of linear expansion	ISO 11359	mm/m/°C	0,65
	Maximum continuous service temperature		°C	85
	Forming temperature		°C	165-190
Optical prope				
	Light transmittance (3mm) Depending on reference	ISO 13 468	%	6 to 50
	Hiding power	-	-	maximised
Flammability				
	Self-ignition temperature		°C	Approx. 450
	Melt behaviour when burning		-	Non-drip
	Glow wire resistance	EN 60 695-2-11	°C	750
	Euroclass classification	EN 13501	-	E

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