



ALUPANELTRAFFIC

aluminium composite panel

PERMANENT

Technical Details

Date 07/2024

Property	Units	Value
Physical		3mm
Aluminium Thickness	mm	0.3
Weight	g/m ²	3.8
Face Finish		Traffic Grey/ Milled/ Black/ White
Core Composition		100% Recycled, washed & filtered post-consumer LL/LDPE, < 20%
Panel Thickness Tolerance	mm	+/- 0.2
Sheet Flatness Tolerance		0 – ≤2mm across any measured point of the panel perimeter from a flat surface
Aluminium Thickness Tolerance		Complies to EN 485-3
Core Density	Kg/cm ³	0.94 (+/- 0.03)
Width Tolerance	mm	0 - +2
Length Tolerance	mm	0 - +3
Diagonal Tolerance	mm	0 - +4
Mechanical		
Rigidity	kNcm ² /m	753
Surface Pencil Hardness		> HB
Paint Thickness (Painted Coils Only)	micron	17 +/- 2
Toughness of Coating		3T
Peel Strength	N/mm	> 3
Tensile Strength of Aluminium Layers	MPa	170
Modulus of Elasticity	N/mm ²	70'000
Gloss Level Tolerance		+/- 5%
Thermal		
Temperature Resistance	°C	-20 to +80
Thermal Expansion	mm/m°C	0.024
Thermal Resistance	m ² K/W	0.0057

Fire Classification*

Standard	Class
C-s2-d0	EN13501-1
*PE finishes, not Brushed or Mirror	

Warranty:

Providing that Alupanel Traffic Permanent is used to produce signs in accordance with the appropriate specifications, it has the benefit of a 12-year guarantee.

Did you know:

Recycling: All products from the Alupanel range can be recycled after use- ask your sales rep about our Closed Loop Recycling Scheme

Temporary road signs? We also have a temporary version of the Alupanel Traffic for shorter term application. Ask us for more information.



MULTIPANELUK LTD

a multitude of applications

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