ALUPANEL TRAFFIC PERMANENT

aluminium composite panel

Technical Details

Oct 2026

Property	Units	Value
Physical		3mm
Skins	mm	0.3
Weight	Kg/m²	3.8
Face Finish		Traffic Grey / Milled, Black / Milled
Core Composition		100% Recycled LDPE
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 485-4
Core Density	Kg/cm³	0.94 (+/- 0.03
Width Tolerance	mm	0 - +2
Length Tolerance	mm	0 - +3
Diagonal	mm	0 - +4
Mechanical		
Rigidity	kNcm²/m	753
Surface Pencil Hardness		> HB
Toughness of Coating		3T
Peel Strength	N/mm	> 3
Tensile Strength of Aluminium	MPa	149
Layers Modulus of Elasticity	N/mm²	70'000
Gloss Level Tolerance		+/- 5%
Thermal		
Temperature Resistance	°C	-20 to +80
Thermal Expansion	mm/m°C	0.024
Thermal Resistance	m² K/W	0.0057

Fire Classification*

Standard	Class
EN13501-1	C-s2-d0

Did you know:

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

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.

Recycling:

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



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a multitude of applications

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MADE IN BRITAIN