



ALUPANELTRAFFIC

aluminium composite panel

TEMPORARY

Technical Details

Date 07/2025

Property	Units	Value
Physical		3mm
Aluminium Thickness	mm	0.2
Weight	Kg/m²	3.5
Face Finish	Traffic Grey/ Milled/ Black/ White	
Core Composition	100% Recycled, washed & filtered, post-consumer LL/LDPE, < 20% LLDPE	
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	g/cm³	0.94 (+/- 0.03)
Width Tolerance	mm	0 - +2
Length Tolerance	mm	0 - +3
Diagonal Tolerance	mm	0 - +4
Mechanical		
Rigidity	kNcm²/m	540
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	160
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
C-s2-d0	EN13501-1

Warranty:

Providing that Alupanel Traffic Temporary is used to produce signs in accordance with the appropriate specifications, it has the benefit of a 5-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

Permanent road Signs? We also have a permanent version of the Alupanel Traffic. Ask us for more information.



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a multitude of applications

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