

AlucoSign Colour

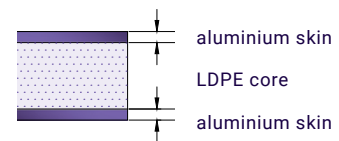
Description

AlucoSign Colour is a fabrication grade composite panel with a polyethylene (LDPE) core sandwiched between two thin layers of aluminium, designed for signage and fabricated applications. White and metallic use polyester (PE), while all other gloss colours use fluoropolymer-based (FEVE) paint.

Features

- Weather resistant
- Fabrication grade
- Lightweight

Profile Drawing



Scope of Use & Limitations

- AlucoSign Colour is intended for shopfront and exterior business signage, feature walls, privacy screens, box trailers, and a range of fabricated applications such as custom display boxes, bespoke signage.
- AlucoSign Colour is weather-resistant and colourfast, suitable for both internal and external use, but not for structural applications.
- Not suitable for use where a non-combustible product is required or in temperature environments exceeding the service temperature.
- Not recommended for use in sea spray zones, or highly corrosive or industrial environments, as it may reduce the product's lifespan.

Product Range

*Gloss Red, Orange, Yellow, Lemon Yellow, Dark Blue, Light Blue.

Colour (Side A / Side B)	Thickness	Alu Skin	Length	Width
Gloss Black / Satin White	4.0mm	0.30mm	2440mm	1220mm
			3050mm	1500mm
			3650mm	
			4050mm	
Matte Black / Service Coating	4.0mm	0.30mm	2440mm	1220mm
Gloss Colour* / Service Coating			3050mm	1500mm
Anthracite / Silver Metallic				

Physical Properties Note: Values are typical and may vary with conditions.

Weight	5.23kg/m ²	Standard
Service Temperature Range	-50 to +80°C	
Linear Thermal Expansion	2.4mm/m/°C at 100°C temp difference	EN 1999 1-1
Rigidity	0.34kNm ² /m	DIN 53293
Section Modulus (W)	1.85cm ³ /m	DIN 53293
Modulus of Elasticity	70,000N/mm ²	EN 1999 1-1
Sound Transmission Loss	26DB	ISO 717-1

Basis of Product Data

All technical data stated in this Product Data Sheet is based on documents as provided by the manufacturer.

Local Restrictions: please note that as a result of specific local regulations the performance of this product may vary from country to country.

Additional Information: The system must be designed, specified, installed, and maintained with all of PSP Limited requirements. Details may be subject to change without notice, for the latest design, installation, and maintenance-related information, refer to www.psp.co.nz.