

## AlucoSign White

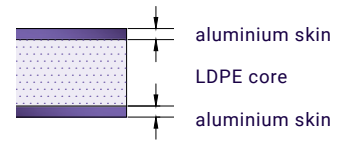
### Description

AlucoSign White is a fabrication grade composite panel with a polyethylene (LDPE) core sandwiched between two thin layers of aluminium, designed for signage and fabricated applications. Surfaces are coated with polyester (PE) paint.

### Features

- Weather resistant
- Fabrication grade
- Lightweight

### Profile Drawing



### Scope of Use & Limitations

- AlucoSign White 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 White 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

| Colour (Side A / Side B)      | Thickness | Alu Skin | Length | Width  |
|-------------------------------|-----------|----------|--------|--------|
| Gloss White / Service Coating | 4.0mm     | 0.30mm   | 2440mm | 1220mm |
|                               |           |          | 3050mm |        |
|                               |           |          | 3650mm | 1500mm |
|                               |           |          | 4050mm |        |
|                               |           |          | 4050mm | 2000mm |
| Gloss White / Gloss White     | 6.0mm     | 0.40mm   | 2440mm | 1220mm |

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

| Thickness                 | 4.0mm                               | 6.0mm                   | Standard    |
|---------------------------|-------------------------------------|-------------------------|-------------|
| Weight                    | 5.23kg/m <sup>2</sup>               | 8.10kg/m <sup>2</sup>   |             |
| 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 <sup>2</sup> /m             | 0.63kNm <sup>2</sup> /m | DIN 53293   |
| Section Modulus (W)       | 1.85cm <sup>3</sup> /m              | 2.75cm <sup>3</sup> /m  | DIN 53293   |
| Modulus of Elasticity     | 70,000N/mm <sup>2</sup>             |                         | EN 1999 1-1 |
| Sound Transmission Loss   | 26DB                                | 28DB                    | 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](http://www.psp.co.nz). Page 1/1