



**Our high-quality versatile panel is rigid and comes in a wide range of vibrant colours.**

SignBond is ideal for a wide range of applications including Sign Making, 3D POS and ideally suited to be fabricated into a wide range of diverse applications.

All our composite material is stocked ready for a prompt dispatch to the UK and Europe.

Specialist specs available on request including an infinite range of colour match options to meet any corporate ID.

## SignBond - Fabrication Grade

Available in a wide range of colours and finishes.

- Easily fabricated, folded and formed.
- High quality paint finish with combined options for Matt / Gloss sides.

### **Examples of applications:**

- Sign making
- Routed sign trays
- POS Displays
- Transport (Truck bodies, trailers, aviation)
- Industrial (Machine covers, industrial & agricultural buildings, internal cladding)

**Panel Thickness:** 2mm, 3mm, 4mm, 6mm

**Aluminium Skin:** 0.3

**Standard sheet sizes:** 1220 x 2440, 1220 x 3050, 1500 x 3050, 1500 x 4050, 2000 x 3050



### PANEL DIMENSIONS

Panel Thickness (mm)	2.0	3.0	4.0
Aluminium Thickness (mm)	0.30		
Standard Sizes (mm)	1250 x 2500 1500 x 3050		

### PRODUCT PROPERTIES

Weight (kg/m <sup>2</sup> ) *	2.89	3.84	4.79
Water Absorbion % By Volume	0.01		
Thermal Performance R Values	0.0057		
Core Composition	Polyethylene		

### DIMENSIONAL TOLERANCES

Thickness	-0 +2.0 mm
Width	-0 +2.0 mm
Length	-0 +3.0 mm
Diagonal	-0 +5.0 mm
Thermal Expansion	2.4mm/m @100°C Temp Difference
Aluminium Thickness (mm)	Where applicable as specified in EN485-4; otherwise ±0.02

### SURFACE PROPERTIES

Paint Thickness (micron)	20
Pencil Hardness	>HB
Toughness of Coating 3T	3T
Temperature Resistance	-50°C to +80°C
Impact Strength (kg/cm <sup>2</sup> )	42
Boiling Water Resistance	Boiling for 2hrs without change
Acid Resistance Immerse	Surface in 2% HCl for 24 Hrs without change
Alkali Resistance	Immerse surface in 2% NaOH for 24 Hrs without change
Oil Resistance Immerse	Surface in 20# engine oil for 24 Hrs without change
Solvent Resistance	Cleaned 100 times with Dimethylbenzene without change
Cleaning Resistance	>1000 times without change
Peel Strength (Newton/mm)	>5

\* Minimum weight is indicated. Weight may vary.

Manufacturer reserves the right to change product specification without prior notice



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MATERIAL - MACHINERY - FABRICATION - RECYCLING