



**Single sided for flat applications.
Suitable for temporary signage,
hoardings or back panels.**

Ideal for print, this economical solution will enable a cost-effective solution to meet a budget.

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.

EcoBond – Economy Grade Economic solution for all flat applications

Examples of applications:

- Vinyl application
- Temporary construction site hoardings
- Non-loadbearing signage

Panel Thickness: 3mm

Aluminium Skin: 0.15

Standard sheet sizes: 1220 x 2440 & 1500 x 3050

+44 (0)3301 75 75 07 info@procompositesolutions.com www.procompositesolutions.com

MATERIAL - MACHINERY - FABRICATION - RECYCLING



PANEL DIMENSIONS

Panel Thickness (mm)	2.0	3.0	4.0
Aluminium Thickness (mm)	0.15		
Standard Sizes (mm)	1250 x 2500 1500 x 3050		

PRODUCT PROPERTIES

Weight (kg/m ²) *	2.47	3.38	4.29
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 ²)	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



+44 (0)3301 75 75 07 info@procompositesolutions.com www.procompositesolutions.com

MATERIAL - MACHINERY - FABRICATION - RECYCLING