



**PCS** ProCompositeSolutions<sup>Ltd.</sup>  
**PrintBond**

**Comes in both Matt / Matt and Matt / Gloss with a high spec bright white printable specialist paint surface.**

PrintBond is the perfect combination of structure and uniformed surface for a wide range of flat and print 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.

## **PrintBond - Flat Application Grade** **Available in a range of colours and finishes.**

- Economical, reduced-weight sheet.
- UV resistant for outdoor use.
- Flat, smooth surface perfect for direct print.

**Designed for non-loadbearing flat applications.**

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

**Aluminium Skin:** 0.2

**Standard sheet sizes:** 1220 x 2440, 1220 x 3050,  
1500 x 3050, 1500 x 4050,  
2000 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)	0.20		
Standard Sizes (mm)	1250 x 2500 1500 x 3050		

PRODUCT PROPERTIES			
Weight (kg/m <sup>2</sup> ) *	2.61	3.48	4.43
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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