



PCS ProCompositeSolutions^{Ltd.}
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



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 ²) *	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 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



Manufactured by:
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MATERIAL - MACHINERY - FABRICATION - RECYCLING