

# Aluminium Composite Sheet - UV Grade

## Rightbond UV Grade

## Properties

Stock		Colour Matching	
Size (mm)	Aluminium layer	Rightbond Colour	RAL Number
White/White		Bright White	RAL 9016
2500 x 1250 x 3	0.18	Red	Close to RAL 3020
3050 x 1500 x 3	0.21	Sea Blue	Close to RAL 5002
White/Mill		Light Blue	RAL 5017 (NHS - RAL 5013)
2500 x 1250 x 3	0.18	Green	Close to RAL 6016
3050 x 1500 x 3	0.18	Yellow	Close to RAL 1003
Special paint formulation to aid printing with UV curing inks		Black	Close to RAL 9005
		Cream	RAL 1015

Min order for colour match of 600m<sup>2</sup>

### Rightbond Data Sheet

Rightbond Properties	Value
Colour	White with polyester coating
Finish	Gloss/matt
Tolerances for Rightbond:	
Length	+/- 3mm
Width	+/- 2mm
Thickness	+/- 0.2mm
Squareness	< 5mm
Coating Thickness	Min > 16um
Pencil Hardness	3H
Coating Flexibility	2T
Impact Resistance	50 kg.cm
Face Density	3.5 kg/m <sup>2</sup>
Bending Strength	83 MPa
Bending Elastic Modulus	5.0KN
Shearing Strength	21.1 MPa
Thermal Expansion Co-Efficient	1.69 x 10 <sup>-5</sup> C <sup>-1</sup>
Heat Distortion Temperature	109°C
Fire Certification	BS 476 Part 7 Class 1

### Warranty Summary

Product	Aluminium Layer	Internal	External
Rightbond: White & Colours	0.30	8 years	5 years
Rightbond: White & Colours	0.21	8 years	5 years
Rightbond: White & Colours	0.18	6 years	3 years
Rightbond: White & Colours	0.12	6 years	1 year
FEVE Paint	0.30	min 10 years	10 years
Mirror	0.30	6 years	None
White Satin	0.30	8 years	None
Brushed Aluminium External Grade	0.30	10 years	5 years

## Disclaimer

This data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

The information provided in this datasheet has been drawn from various recognised sources, including EN Standards, recognised industry references (printed & online) and manufacturers' data. No guarantee is given that the information is from the latest issue of those sources or about the accuracy of those sources.

Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

As the products detailed may be used for a wide variety of purposes and as the Company has no control over their use; the Company specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

Advice given by the Company to any third party is given for that party's assistance only and without liability on the part of the Company. All transactions are subject to the Company's current Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.