

# Skybond White

SKYBOND  
Aluminium composite sheet

## Product information

Skybond White is a 3mm, PVC-free aluminium composite material with a smooth, flat surface. Manufactured to the highest standards and tightest tolerances for bright, vibrant signage and display, it uses advanced digital paint technology for outstanding colour reproduction and ink adhesion, and comes with an easy peel protective film.

### Applications

Hoardings • Indoor & Outdoor Signage

### Process suitability

Skybond White is suitable for UV and screen print

## Stock schedule

Size	Thickness of aluminium		
	0.12	0.2	0.03
1220mm x 2440mm 1S	●	●	
1220mm x 2440mm 2S		● ●	
1250mm x 2550mm 2S			● ●
1500mm x 3050mm 1S		●	
1500mm x 3050mm 2S			● ●
2000mm x 3050mm 2S			● ●
2000mm x 4050mm 2S			● ●

● Gloss ● Matt

This information is given for general guidance only and is subject to change without notice

Specification				
<b>Panel thickness</b>	<b>Unit</b>	<b>3mm</b>		
Thickness of alluminium	mm	0.3	0.2	0.12
Weight	kg/m <sup>2</sup>	4.45	4.23	4.05
Thickness deviation	mm	±0.02	±0.02	±0.02
<b>Dimensional tolerances</b>				
Thickness	mm	±0.2		
Width	mm	±2		
Length	mm	±3		
Diagonal	mm	≤5		
Warp	mm/m	≤3.2(put the panel on the glass platform)		
Thermal expansion	mm/m°C	2.4 at 100°C Temp difference		
Colour difference		ΔE≤0.5		
<b>Technical properties</b>				
Gloss (initial value)	%	30 - 90 based on requirement		
Pencil hardness		2H		
Temperature range	°C	-50...+80		
<b>Surface property</b>				
PE coating thickness	mic	≤14		
Lacquering		Polyester		
Boiling water resistance		Boiling for 2hrs without change		
Acid resistance		Surface immersed in 2% HCl for 24hrs without change		
Alkia resistance		Surface immersed in 2% NaHO for 24hrs without change		
Oil resistance		Surface immersed in 20# engine oil for 24hrs without change		
Solvent resistance		Cleaned 100 times with Dimethylbenzene without change		
Peel strength 180°		≥3.0N/MM		