

Skybond White



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

Credentials



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

Specification			
Panel thickness		3mm	
Thickness of aluminium (mm)	0.3	0.2	0.12
Weight (kg/m ²)	4.45	4.23	4.05
Thickness deviation (mm)	±0.02	±0.02	±0.02
Dimensional tolerances			
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		
Technical properties			
Gloss (initial value) (%)	30 - 90 based on requirement		
Pencil hardness	2H		
Temperature range (°C)	-50...+80		
Surface property			
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		
Alkali 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		

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