

Product information

Skybond Colour is a range of 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

Indoor & Outdoor Signage

Process suitability

Skybond Colour is suitable for UV and screen print

Stock schedule

Thickness of aluminium 0.3 mic

Size	Black	Silver Grey	Blue	Red	Green	Yellow
1250mm x 2550mm 2S	● ●	● ●	● ●	● ●		
1500mm x 3050mm 2S	● ●	● ●	● ●	● ●	● ●	● ●

● Gloss ● Matt

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

Specification		
Panel thickness	Unit	3mm
Thickness of alluminium	mm	0.3
Weight	kg/m ²	4.54
Thickness deviation	mm	±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≤1.5
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
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

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