

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

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
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
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