

# Skybond Brush & Mirror



## Product information

Skybond Brush & Mirror 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 Brush & Mirror is suitable for UV and screen print

## Stock schedule

Thickness of aluminium 0.3mic

Size	Brushed silver	Silver mirror	Gold mirror
1220mm x 2440mm 2S	●	●	●
1220mm x 2550mm 2S	●		
1500mm x 3050mm 2S	●		

● Black ● White

## Credentials



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

Specification	
<b>Panel thickness</b>	<b>3mm</b>
Thickness of aluminium (mm)	0.3
Weight (kg/m <sup>2</sup> )	4.54
Thickness deviation (mm)	±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≤1.0
<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
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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