

# Materials, Media and Product Guide

- [Roll Media](#)
- [Banners](#)
- [Signage](#)
- [Window Graphics](#)
- [Wall Graphics](#)
- [Fabric](#)
- [Exhibition Products](#)
- [Rigids](#)
  - [Rigids Overview](#)
  - [Aluminium Composite Board](#)

# Roll Media

# Banners

## PVC Mesh Banner Airflow Percentage

The airflow percentage of PVC mesh banners varies depending on the material used. Here are the airflow percentages for different types of PVC mesh banners:

- **PVC Mesh:** Offers **40% airflow**.

1

- **Polyester Airmesh:** Provides **54% airflow**.

1

- **340gsm Mesh PVC:** Allows **25% airflow**.

2

These percentages help in understanding the suitability of the banners for different environments and conditions. For instance, the 40% airflow percentage is suitable for less windy conditions, while the 54% airflow percentage is ideal for high winds. The 25% airflow percentage is suitable for outdoor displays where a balance between airflow and visibility is desired.

# Signage

# Window Graphics

# Wall Graphics

# Fabric

# Exhibition Products

# Rigids

# Rigids Overview

## Direct to Board vs Print & Mount vs Print & Wrap

### Direct to Board

When ink is applied directly to the board using a UV printer such as the [Arizona 660XT](#).

### Print & Mount

When a printed Self Adhesive Vinyl is applied to a board on its face.

### Print & Wrap

When a printed Self Adhesive Vinyl is applied to a board, the excess is then wrapped around to the back of the board. Usually classed as a Museum Grade Finish.

## Rigid Sheet Products

Product	AKA	Stockheld?	Available Sizes	DTB	P&M	P&W	DS
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<p>Aluminium Composite Board</p>	<p>ACM, Dibond, Skybond, Hoarding Board</p>		<p><b>Thicknesses</b> 3mm Other non-stocked thicknesses available.</p> <p><b>Board Dimensions</b> 2440mm x 1220mm (0.12mm Skin) 2440mm x 1220mm (0.2mm Skin) 1500mm x 3050mm (0.15mm Skin) 1500mm x 3050mm (0.2mm Skin)</p> <p><b>Colours</b> Also available in other colours e.g. Black, Gold, Mirror</p>				<p>P&amp;M</p>
<p>PVC Board</p>	<p>Foamex, Foam board, Blown PVC, Forex, Foamalite</p>		<p><b>Thicknesses</b> 1mm, 2mm, 3mm, 5mm, 10mm, 19mm</p> <p><b>Board Dimensions</b> 2440mm x 1220mm 1550mm x 3050mm 1000mm x 3000mm (19mm only)</p>				<p>DTB</p>

Lightweight Foam Board	Forex Smart, Kappa		<b>Thicknesses</b> 5mm  <b>Board Dimensions</b> 1066mm x 1526mm				
Butler Finish ACM	Brushed Aluminium		<b>Thicknesses</b> 3mm  <b>Board Dimensions</b> 2440mm x 1220mm (0.2mm Skin)				
High Impact Polystyrene	HIPS		<b>Thicknesses</b> 0.25mm, 0.5mm, 0.75mm, 1mm, 1.5mm  <b>Board Dimensions</b> 1050x610mm				DTB
Fluted Plastic Board	Corrugated Plastic, Correx		<b>Thicknesses</b> 4mm, 6mm, 8mm, 10mm  <b>Board Dimensions</b> 8x4ft (2440x1220mm) 10x5ft (3048x1524mm)				DTB

Polypropylene	Polyprop		<b>Thicknesses</b> 1mm  <b>Board Dimensions</b>				
Medium Density Board	MDF		<b>Thicknesses</b> 18mm  <b>Board Dimensions</b> 8x4ft (2440x1220 mm)				DTB
Plywood			<b>Thicknesses</b> 12mm  <b>Board Dimensions</b> 8x4ft (2440x1220 mm)				DTB
Chipboard	OSB, Oriented Strand Board		<b>Thicknesses</b> 15mm  <b>Board Dimensions</b> 8x4ft (2440x1220 mm)				DTB
Acrylic	Perspex	Cast, Extruded	<b>Thicknesses</b> 3mm, 5mm, 10mm  <b>Board Dimensions</b> 8x4ft (2440x1220 mm)				

Corrugated Cell Board	Reboard, Xanite Board		<b>Thicknesses</b> 10mm, 13mm, 25mm  <b>Board Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				P&M
Polycarbonate			<b>Thicknesses</b> 4mm  <b>Board Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				
White Corrugated Cardboard	E-Flute		<b>Thicknesses</b> mm  <b>Board Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				DTB
Brown Corrugated Cardboard			<b>Thicknesses</b> mm  <b>Board Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				

Folding Box Carton			<b>Thickness</b> <b>s</b> mm  <b>Board</b> <b>Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				
Card			<b>Thickness</b> <b>s</b> mm  <b>Board</b> <b>Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				DTB
Display Board			<b>Thickness</b> <b>s</b> mm  <b>Board</b> <b>Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				
Ferrous Composite Board	Magnetic ACM		<b>Thickness</b> <b>s</b> mm  <b>Board</b> <b>Dimension</b> <b>s</b> 8x4ft (2440x1220 mm)				

# Aluminium Composite Board

## Quick Description

Versatile board that can be used internally or externally. Heavier skins boards can be used to make Box Pans.

## Product Usage

- Flat Signage
- Box Pans
- Signs with Rail Channel
- Cut to Shape Signage
- Push Through Letter Systems

## Finishing Methods

<b>Print &amp; Mount</b>	Yes
<b>Direct to Board</b>	Yes
<b>Print &amp; Wrap</b>	Yes

## Material Image



## Suppliers

Supplier	Brand
Antalis	Coala
Perspex Distribution	Multipanel
Europoint / Amari (Vink Group)	Skybond

## Available Dimensions

Thickness	Width	Height
0.12	1220mm	2440mm
0.15	1500mm	3050mm
0.2	1220mm	2440mm
0.2	1500mm	3050mm
0.3	1220mm	2440mm
0.3	1500	3050mm

## At a Glance Information

<b>Colour</b>	Full Colour
<b>Sides</b>	Single Sided
<b>UV Stability</b>	5+ Years Direct Sunlight
<b>Material</b>	Aluminium Composite
<b>Minimum Print Resolution</b>	540dpi
<b>Water Proof</b>	Yes
<b>Water Resistant</b>	Yes
<b>Print Technology</b>	UV Curable or Latex Inks
<b>Material Hardness</b>	Hard
<b>"B1" Fire Rated</b>	Yes
<b>"M1" Fire Rated</b>	Yes
<b>Drillable</b>	Yes
<b>Cut to Shape</b>	Yes
<b>Fire Rating</b>	Euro Class "C"

## MSDS

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