

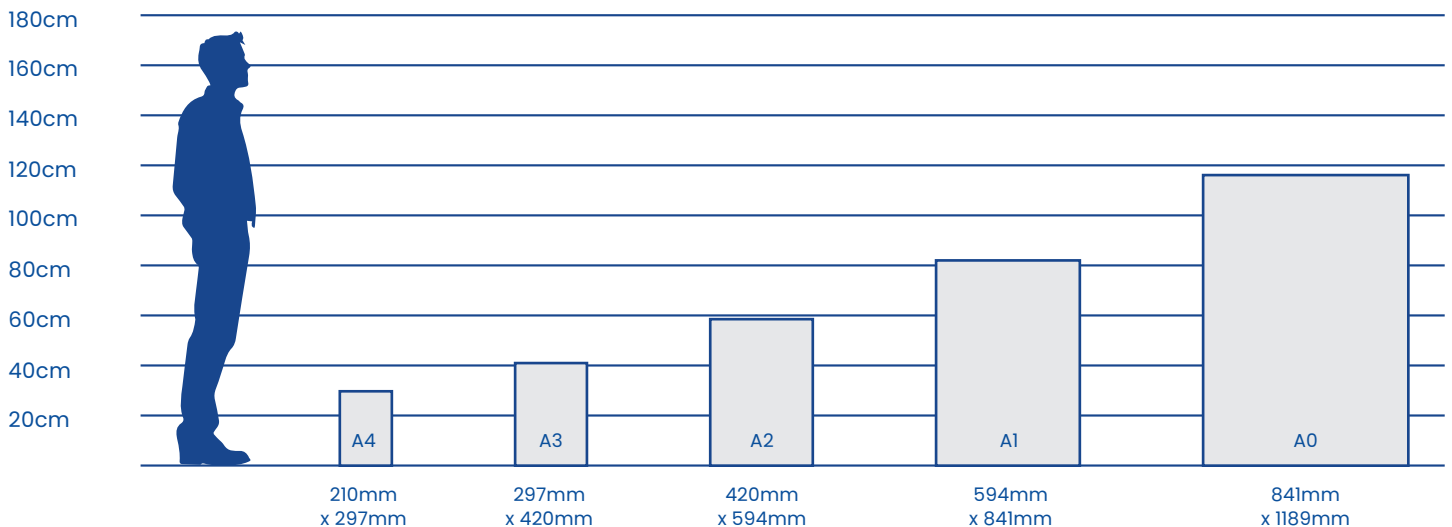
All Things Signage

Technical Specifications

Size Guide

Minimum: 100mm x 100mm Maximum: 1000 x 1500mm

Custom sizes are available across our signage range.



Assembly Instructions

Aluminium Composite:

- Mount using screws through the pre-drilled holes, ensuring alignment with wall plugs or anchors for stability.

Correx® by Corplex:

- Attach with cable ties, adhesive pads, or double-sided tape for lightweight and temporary displays. Ideal for quick setup and removal.

Display Board:

- Mount with double-sided tape or adhesive pads on smooth, indoor surfaces. Lightweight design makes it easy to reposition.

Foamalite Express:

- Fix using velcro strips, adhesive pads, or frame supports. We offer pre-drilled holes and rounded corners for added flexibility and safety.

Care Instructions

- Aluminium Composite:
- Wipe with a damp cloth and mild soap to remove dirt. Avoid abrasive cleaners to protect the finish.
- Correx® by Corplex:
- Clean with a soft, damp cloth or sponge. Do not scrub to prevent surface damage.
- Display Board:
- Dust gently with a dry cloth; avoid water as it may warp the material.
- Foam Board:
- Use a dry or slightly damp cloth for cleaning. Keep away from excessive moisture to maintain its structure.

Additional Information

<div>Materials Information</div>	<div><p>Aluminium Composite:</p><p>Corrosion-resistant aluminium composite made from a combination of 150-micron aluminium skins surrounding a black 100% recycled LDPE core.</p><p>Temperature Resistance -50°C to + 80°C</p><p>Impact Strength (kg cm2) 42</p><p>Boiling Water Resistance Boiling for 2hrs without change</p><p>Acid Resistance Immerse Surface in 2% HCl for 24 hrs without change</p><p>Alkali Resistance Immersed surface in 2% NaOH for 24 Hrs without change</p><p>Oil Resistance Immerse Surface in 20# engine oil for 24 hrs without change</p><p>Solvent Resistance Cleaned 100 times with Dimethylbenzene without change</p><p>Cleaning Resistance >1000 times without change</p><p>Peel Strength (Newton/mm) >5</p><p>Sound Absorption NRC 0.05</p><p>Sound Attenuation Rw db 24</p><p>Water Absorption % By Volume 0.01</p><p>Thermal Performance R Values 0.0057</p><p>Core Composition Polyethylene</p><p>Reaction to Fire Classification BS476 Part 6: Class 0, Part 7: Class 1</p><p>Correx® by Corplex:</p><p>Crafted from 3.5mm thick Correx® by Corplex fluted corrugated plastic. Correx® can be handled at normal processing temperatures. Small quantities of fumes are evolved at about 220°C due to a partial volatilisation of some stabilisers and/or of lower molecular weight hydrocarbons. These gradually increase until at about 300°C decomposition and oxidative pyrolysis proceeds at an appreciable rate.</p></div>
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Additional Information

Materials Information	<p>Correx® by Corplex Continued:</p> <p>Burning behaviour:</p> <p>Typical thermal properties for polypropylene copolymer are as follows:</p> <p>Softening temperature (BS 2782: 102D, ISO R306) 144°C</p> <p>Crystalline melting point 165 – 175°C</p> <p>Flash ignition temperature ca 350°C</p> <p>Self-ignition temperature Ca 380°C</p> <p>Calorific value 11000 cal. kg</p> <p>Specific heat 0.46 cal gm oC</p> <p>Limiting oxygen index (ASTM D2863) 0.174 – 0.180</p> <p>Burn rate - Correx sheet (FMVSS 302) 5.3 – 8.2cm/min</p> <p>Display Board:</p> <p>Sturdy 2000mic Libra Display Board is a high white display board made from FBB virgin fibre liners with a grey middle of recycled fibre. Libra Display Board is available with FSC recycled 100% certification – ref. FSC COC Code – SA-COC-001641</p>
	<p>Manufacturing Variations:</p> <p>Size +/- 2mm</p> <p>Caliper +/- 7%</p> <p>GSM +/- 7%</p> <p>RH 45-75% @ 17°C - 23°C</p> <p>Gloss 50 (-10) (tappi T480)</p> <p>Brightness 88.5% +/- 2.0 (ISO 2470)</p> <p>Whiteness 115 (ISO 2470)</p> <p>Foamalite Express:</p> <p>Durable 3mm or 5mm co-extruded expanded rigid PVC sheet consisting of high-quality white cover layers and a black recycled core.</p> <p>Apparent density (kg/m³): 400-550</p> <p>Surface hardness (Shore D): 35</p> <p>Max. service temperature (°C): 55</p> <p>Coefficient of linear expansion (mm/m·K): 0.07</p> <p>Water absorption (23°C – 24h): <1%</p> <p>Behaviour in fire: C-s3, d0 (2-10mm). M1 (2-10mm)</p>
	<p>Printing Process</p> <p>Drop-on-demand digital inkjet printing for high-definition image quality with smooth shadows, gradients, and sharp text.</p>
Finishing Method	<p>Aluminium and Foam:</p> <p>Options for pre-drilled holes and rounded corners. Our drilled holes are 6mm in diameter and sit 10mm from the edge of the product</p>

Additional Information

Sizes	<p>Aluminium: Minimum: 100 x 100mm / Maximum: 1000 x 1500mm</p> <p>Correx® by Corplex: Minimum: 100 x 100mm / Maximum: 1000 x 1500mm</p> <p>Display Board: Minimum: 210 x 297mm / Maximum: 1000 x 1500mm</p> <p>Foamalite Express: Minimum: 100 x 100mm / Maximum: 1000 x 1500mm</p>
Sustainability	<p>Aluminium: Our aluminium composite can be spilt to separate the aluminium from the plastic core. Both elements can then be recycled through specialist recyclers.</p> <p>Correx® by Corplex: Made from fluted corrugated plastic, they're fully recyclable.</p> <p>Display Board: FSC certified, with a core manufactured from recycled fibres, they're fully recyclable.</p> <p>Foamalite Express: Our foam can be recycled through specialist recyclers who can recycle PVC.</p>
Environment	<p>Aluminium: Suitable for indoor and outdoor use.</p> <p>Correx® by Corplex: Suitable for indoor and outdoor use.</p> <p>Display Board: Suitable for indoor use only.</p> <p>Foamalite Express: Our foam board is waterproof to an extent and can be used outdoors; however, we would recommend using it in the short term or indoors only to protect your artwork.</p>