

ADABOND

Composite Panels

FEATURES

- Lightweight with exceptional stiffness
- Highly resistant to corrosion, weathering and warping
- Highly formable, suitable for both 3D and flat applications
- Ideal for both indoor and outdoor applications
- Shock resistance, high tenacity, anti vibration
- Good processability, thermal insulation, soundproofing and fireproofing

FLAMMABILITY CHARACTERISTICS

- Self extinguishing
- UL 94V-0
- Class I or Class A fire rating

INTRODUCTION

Adabond is a high performance aluminium composite material consisting of two sheets of aluminium permanently bonded to each side of an extruded polyethylene core. Adabond offers one of the most innovative, creative and exciting ranges of products for the design, architectural and sign-making markets. Adabond is available from stock in a wide range of colours and sizes including patterns and surface finishes that imitate other materials such as wood or marble.

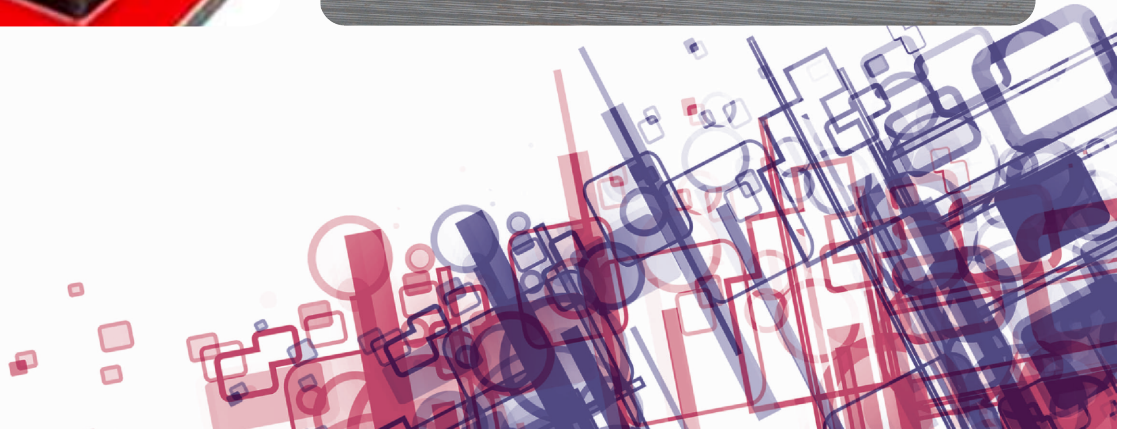
For such a light material, Adabond is extremely strong aiding its superb durability. The application of Adabond is not limited to the sign market alone, as it is extremely versatile it can be used in any number of building projects such as cladding, partitions, false ceiling etc.

TECHNICAL INFORMATION

- Thickness of aluminium layers 0.15mm, 0.18mm, 0.21mm and 0.3mm
- Polyethylene core
- Temperature resistance from -50°C to +80°C
- Gloss/Matt

PROCESSING

Sawing, routing, roll forming, bending, hot air welding



SIGN POSTS

STEEL

- Finishes- Galvanised, Grey PVC coated
- Sizes- available to order in various sizes and lengths

ALUMINIUM

- Finishes- Mill, Painted, Powdercoated
- Sizes- available to order in various sizes and lengths

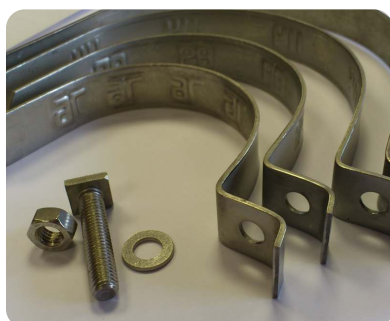
STAINLESS STEEL POST CLIPS

Anti rotational stainless steel post clips. Manufactured from 20mm x 2mm grade T304 stainless steel complete with one M8 x 38mm square head bolt assembly.

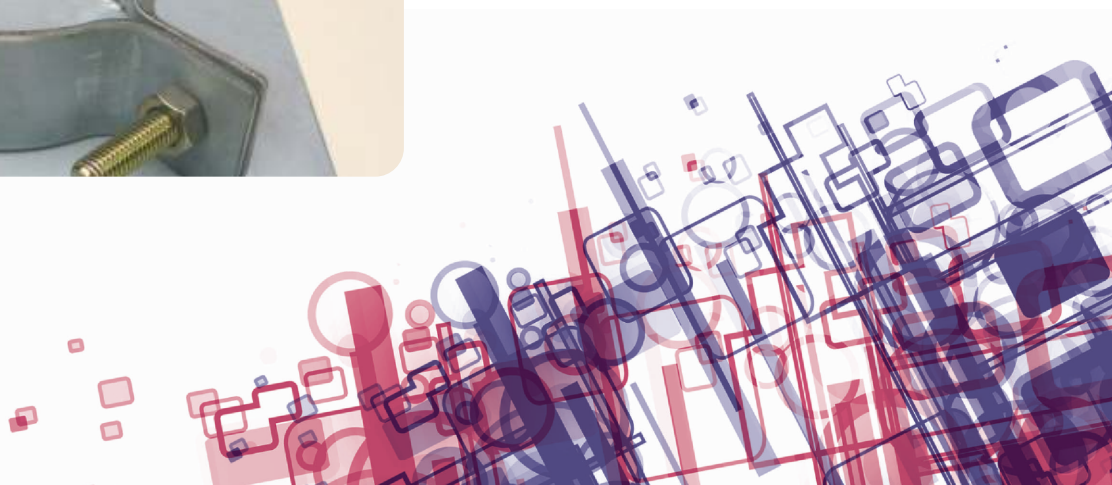
Available from stock to suit any post size.

PLASTIC POST CAPS

We stock a range of post caps in various colours to suit most steel and aluminium sign posts.



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ADAFOAM

PVC Foam Board

FEATURES

- Good mechanical performance
- Smooth surface and suitable for digital screen printing and laser engraving (must clean the surface before printing)
- Easily cleaned and durable
- Easily to film and laminate, Protective film on one side
- Perfect chemical resistance, good resistance to light, UV & weathering
- Fire retardant and self extinguishing
- Moisture-resistant, mildew proof, rot proof, low water absorption
- Non-deformation, colour fastness for a very long time through particular formula
- Sound insulation, sound absorption, heat insulation and heat preservation

INTRODUCTION

Adafoam is a superior quality, extremely versatile PVC foam sheet, supplied as standard with polyethylene film on one side.

The masking film removes easily and cleanly revealing a smooth flat surface finish ideally suited for screen and digital printing applications.

Adafoam's excellent cell structure and smooth surface finish make it an ideal choice for professional printers, sign makers and exhibition contractors throughout the UK. Our new Adafoam range ensures dependable, reliable performance and excellent results.

The consistent quality is achieved through strict adherence to stringent quality control procedures during manufacture.

Adafoam is produced using several environmental controls and is free from barium, cadmium and lead.



**IDEAL FOR ADVERTISING
SIGNS, BILLBOARDS,
DISPLAYS AND
EXHIBITION STANDS.**

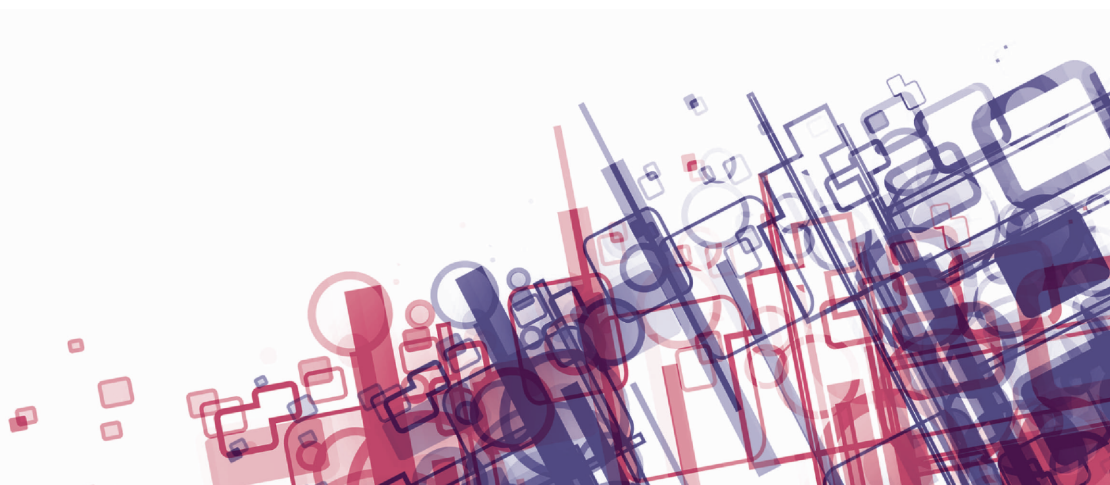
PHYSICAL PROPERTIES

PROPERTY	TEST METHOD (ASTM D)	CONDITIONS	VALUE (BASED ON 6mm)	UNIT
Specific Gravity	ASTM D 792	-	0.55	G/cm ³
Water Absorption	ASTM D 570	76.2mmx25.4mm Drying: 50°C 24hrs; Immersion: 25°C, 24hrs		%
Shore D Hardness	ASTM D 2240	Type D	50	-

MECHANICAL PROPERTIES

PROPERTY	TEST METHOD (ASTM D)	CONDITIONS	VALUE (BASED ON 6mm)	UNIT
Tensile Strength at Yield	ASTM D 638	Specimen: Type I Speed: 50mm/min	9MPa	1,305psi
Elongation at Break		Specimen: Type I Speed: 50mm/min	15	%
Tensile Modulus		Specimen: Type I Speed: 1mm/min	600	Mpa
Flexural Modulus	ASTM D 790	115.2mmx24mmx6mm Speed: 600MPa	87,000psi	
CHARPY Impact Strength	ASTM D6110-06	Width: 6.65mm Depth: 12.86mm	12	J/m
Dielectric Strength	ASTM D 149	Heating Rate: 120°C/h Load: 0.455Mpa	10	kv/mm
		-		

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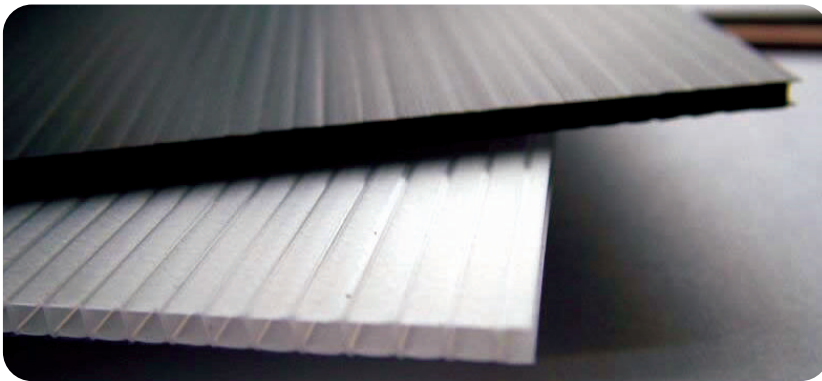


ADACORR

Corrugated Plastic Board

FEATURES

- Lightweight, high tensile strength, waterproof, moisture resistant, excellent weather resistance (such as UV, rain)
- Chemical harm resistance, high impact strength, fade resistance; easy to fabricate
- Environmentally friendly, recyclable, washable, non-toxic, anti-corrosion
- Excellent surface for screen printing and digital printing, better ink absorption ability after being corona treated



INTRODUCTION

Adacorr is a twinwall polypropylene sheet used for short term signage and display. This product is specifically manufactured to provide a smooth flat surface to enhance excellent print performance.

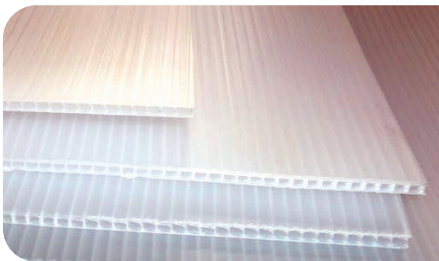
Adacorr is the ideal choice for any signage or display project. It is suitable for direct screen printing due to its corona treated surface and superior flatness.

ADVERTISING

Sign board, exhibition board, picture frame backing, digital printing and printing

DECORATION

Partition, wall cladding, temporary flooring, indoor and outdoor decoration, window and decorative ceiling



COST EFFECTIVE ADVERTISING
ENVIRONMENTALLY FRIENDLY
MOISTURE RESISTENT

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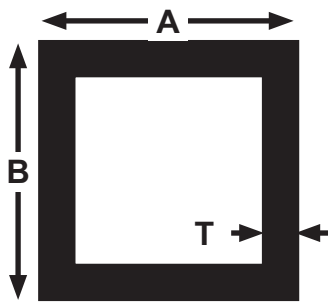


EXTRUSIONS

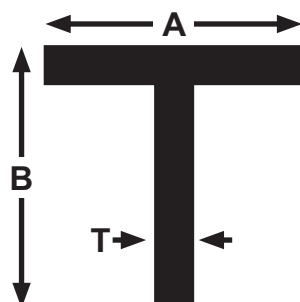
INTRODUCTION

We stock a large range of aluminium extrusions and profiles.

SQUARE HOLLOWS



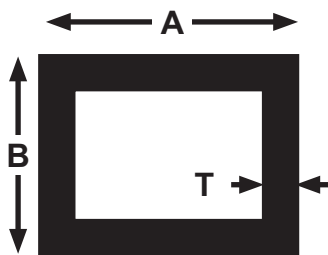
T-SECTIONS



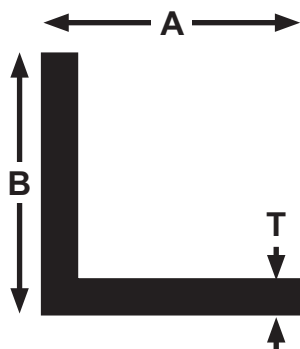
FLAT BARS



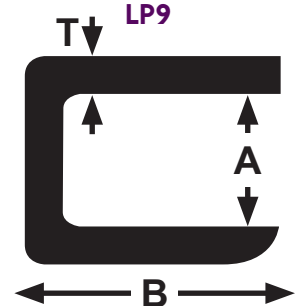
RECTANGULAR HOLLOWS



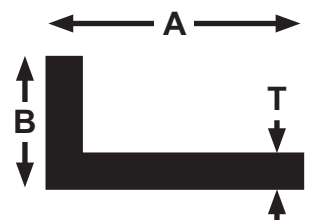
EQUAL ANGLES



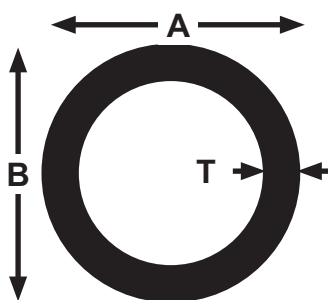
LP9



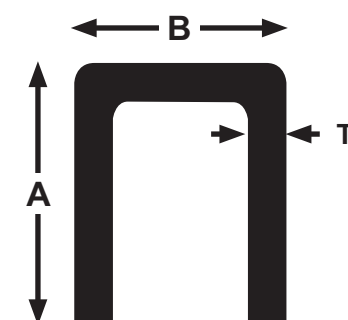
UNEQUAL ANGLES



TUBE HOLLOWS



W7



FITTINGS

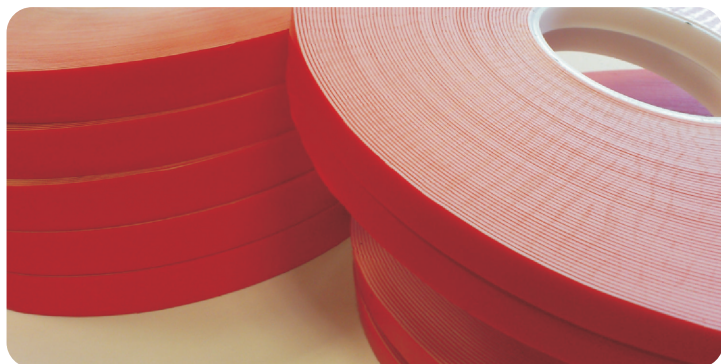
RIVETS

Available in a range of sizes and colours. We can colour match almost any Ral code.



TAPE

High Bond Tape, our new VHB tape has been specifically designed as a permanent heavy duty fixing system, giving exceptional high specification in terms of thermal, dynamic and chemical qualities. It can be used in place of rivets, screws, welding and clips and is suitable for bonding a wide range of materials such as metal, wood, glass and many other types of plastic. Temperature resistance -35°C to +95°C (short term +150°C). Foamed acrylic density 850kg/m³. Shear strength 56kg/25mm². Peel adhesion (peel @ 180°) 59 N/25mm. Multi Purpose Cleaning wipes are available from stock to prepare adhesive fixing areas



V GROOVE BLADE

Our new V-Groove routing blade is the perfect solution to time saving, on-site routing. You can now route and fold a range of aluminium composites on-site without the need to return the material to the workshop for CNC routing. The blade fits into almost any circular saw making it completely portable.

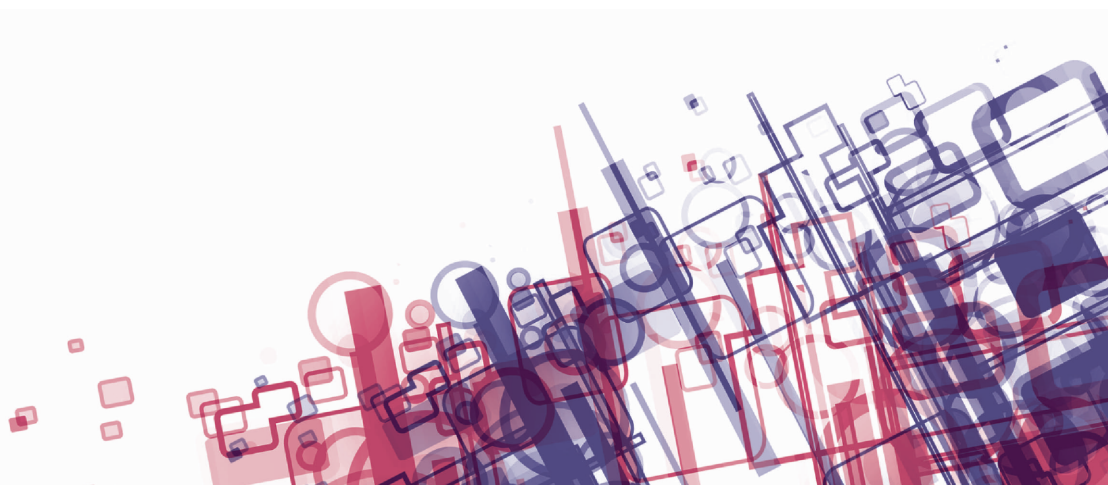


SEALER

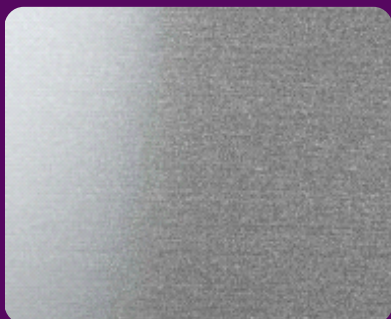
General purpose polyurethane adhesive.

Available in 310ml cartridges in:

White, Grey or Black.

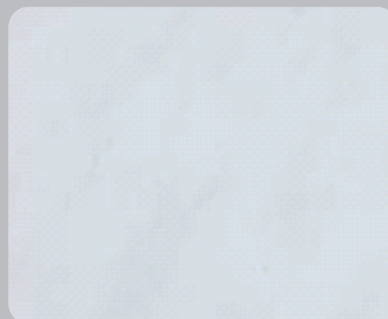


ALUMINIUM SHEET



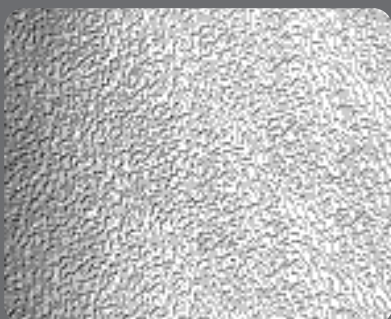
PLAIN ALUMINIUM SHEET

Available from stock in a range of sizes and thicknesses, our aluminium sheet is perfect for rigid and durable sign panelling solutions.



PAINTED SHEET

Our pre painted aluminium sheet is coated with a class I pvdf paint which offers excellent resistance to weathering and ageing.



STUCCO SHEET

Stucco embossed sheet is commonly used for insulation, cladding and panelling. This product can be brightened or painted. It is also ideal for lightbox applications.



STAINLESS LOOK SHEET

Aluminium Sheet with a brushed stainless look.

