

Sign Sheet Distributors

1994 30 2024

2025

Do it once.. Do it well..
with Sign Sheet Distributors



For personalised pricing and service call..

Australia

1300 369 669

sales@signsheet.com

New Zealand

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sales@signsheet.co.nz

NCP
NON COMBUSTIBLE PANELING

ALUPANEL
aluminium composite panel



ALUPANEL Colour Range

RAL9005	Black	RAL7016	PMS 433 CP	Anthracite Grey	RAL7042	PMS 4277 C	Traffic Grey	RAL9006	PMS 4281 C	Silver	Ultra White	RAL1015	PMS 7500 C	Ivory	RAL1023	PMS 1225 CP	Traffic Yellow	RAL2004	PMS 1665 C	Pure Orange	RAL3020	PMS 3546 C	Traffic Red	RAL3004 C	PMS 491	Burgundy	RAL5022	PMS 2766 C	Dark Blue	RAL5002	PMS 280 C	Ultramarine	RAL5015	PMS 3015	Sky Blue	RAL6024	PMS 348 CP	Traffic Green	RAL8005	PMS 3308 CP	Dark Green
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The PMS colour matches have been performed visually under a 5000K light source and although all care has been taken they are close matches only and should be independently checked prior to reply upon.

		2440x1220			3050x1220			3660x1220			3050x1500			4050x1500			3050x2000		
		ALUPANEL FR	ALUPANEL Lite	ACPro	ALUPANEL FR	ALUPANEL Lite	ACPro	ALUPANEL FR	ALUPANEL Lite	ACPro	ALUPANEL FR	ALUPANEL Lite	ACPro	ALUPANEL FR	ALUPANEL Lite	ACPro	ALUPANEL FR	ALUPANEL Lite	ACPro
Face 1 Gloss	Face 2																		
White	Matt White																		
Black	Gloss White																		
Black	Matt Black																		
Anthracite Grey	Matt Anthracite																		
Ivory	Gloss White																		
Yellow	Gloss White																		
Yellow	Matt Yellow																		
Orange	Gloss White																		
Red	Gloss White																		
Red	Matt Red																		
Burgundy	Gloss Sky Blue																		
Chocolate	Gloss White																		
Ultramarine Blue	Gloss White																		
Ultramarine Blue	Gls Dark Blue																		
Ultramarine Blue	Matt UM Blue																		
Dark Green	Gls Traffic Green																		
Silver Paint	Matt Silver Paint																		
Brushed Gold	Brushed Old Copper																		
Brushed Black	Brushed New Copper																		
Brushed Silver	Gloss White																		
Stainless Look	Raw																		
Mirror Gold	Raw																		
Mirror Silver	Raw																		

 Alupanel® Premium (Non FR)

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ALUPANEL® FR

FIRE RATED COMPOSITE PANEL (White Core)

ALUPANEL® FR - An Internationally recognised product providing pioneering solutions to the Sign, Advertising and Construction markets and is a premium quality 3mm composite panel featuring two 0.30mm Aluminium sheets, sandwiching a specially developed White Fire Rated Core.

Available in one of the widest colour ranges on the market.

ALUPANEL FR has a GROUP 2 Fire Rating in Australia & New Zealand



Sizes Available:

2440mm x 1220mm
3660mm x 1220mm

3050mm x 1500mm
4050mm x 1500mm

3050mm x 2000mm
4050mm x 2000mm

ALUPANEL® LITE

TRADE COMPOSITE PANEL (Black Core)

Alupanel® LITE is a reduced weight aluminium composite panel in a 3.00mm thickness with a 0.21mm aluminium skin and a matt/gloss dual sided finish, designed for use in advertising, sign making and other projects where high load-bearing capacity is not required.



Sizes Available:

2440mm x 1220mm
3660mm x 1220mm

3050mm x 1500mm

ACPro

COMPOSITE PANEL (Black Core)

ACPro is a reduced weight aluminium composite panel in a 3.00mm thickness with a matt/gloss dual sided finish, designed for use in advertising, sign making and other projects where high load-bearing capacity is not required and price is a main concern. ACPro has exceptional print characteristics.



Sizes Available:

2440mm x 1220mm
3660mm x 1220mm

3050mm x 1500mm

ALUFOAM dp

LIGHT WEIGHT DIGITAL COMPOSITE PANEL

AluFOAM dp is an EXTREMELY LIGHT WEIGHT composite, made using a superior Foamed Core. Combined with a high grade alloy skin to provide a panel with superb rigidity whilst ensuring a smooth, flat surface.

AluFOAM dp has a vibrant ultra-white Polyester Resin paint system specifically developed to provide an industry leading print grade panel ideal for digital and screen printing to help display colours with increased brightness and intensity.



Sizes Available:

2440mm x 1220mm

GALShield®

STEEL COMPOSITE PANEL (Black Core)

GALShield has a flat, smooth, uniform steel surface providing added strength and durability. GALShield comes with a digital finish to help produce vibrant, colour-fast prints, and a whiteboard coating, suitable for use with dry-wipe markers.

Ideal for automotive, hoardings, whiteboards, printing and many other applications, the galvanised steel provides additional strength plus the versatility of a magnetically receptive surface. GalShield panels can be fabricated, are strong, self-supporting and provide outstanding reliability.



Sizes Available:

2440mm x 1220mm

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NON COMBUSTIBLE | PANELING

Sign Sheet White Steel

Sign Sheet Distributors supplies a high quality grade of white coated steel sheet that is suitable for use in the signage, Automotive and construction industries.

Our SIGNSHEET WHITE STEEL is produced using a 6 part coating process including a corrosion inhibitive primer, base coat and finish coat.



	0.55mm Thickness		0.08mm Thickness	
	White	Black	White	Black
1800x1200				
2400x1200				
3050x1200				
3600x1200				



NON COMBUSTIBLE | PANELING

Galvanised Steel

Sign Sheet Distributors supplies a high quality grade of galvanised steel sheet that is suitable for use in aspects of metal work and fabrication.

Our galvanised steel sheet is supplied in a raw galvanised panel which has a long term life span outdoors.



	Raw Gal				
	0.55mm Thickness	0.90mm Thickness	1.10mm Thickness	1.50mm Thickness	2.90mm Thickness
1830x1220					
2440x1220					
3050x1220					



NON COMBUSTIBLE | PANELING

Stainless Steel - 316 & 304 Grades - #4 Finish

304 grade stainless is our entry level grade stainless.

316 grade stainless is our marine grade stainless.

#4 Finish is a very fine grain finish along the length of the sheet.



	2438mm x 1219mm	
	304 #4 Grade	316 #4 Grade
0.7mm		
0.9mm		
1.2mm		
1.5mm		

Brass - Solid - Bright and Mill Finish

Bright Brass finish is a highly reflective, warm golden sheen for a vintage appeal.

Mill Finish is raw un-coated, un-polished brass sheet.



	1800mm x 900mm	
	Bright Grade	Mill Grade
0.7mm		
0.9mm		
1.2mm		
1.5mm		

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Solid Aluminium - Coated - Single & Double Sided

NCP® Coated Solid Aluminium, Comes coated in either single or double sided in a range of colours that match Alupanel FR and LITE panels perfectly whether it be the High Gloss or Matt Faces making NCP® Coated Solid Aluminium the perfect solution for your next project that requires more than a fire rated panel.



Sizes

2500mm x 1250mm
3660mm x 1250mm

Thicknesses

1.6mm
2.0mm
3.0mm



Aluminium - Satin Natural Anodised

NCP® Satin Natural Anodised Aluminium sheet is produced to the highest of European Standards and is ideal for all architectural and signage applications whether they are for indoor or outdoor use.



Sizes

2400mm x 1200mm

Thicknesses

1.2mm
1.6mm
3.0mm



Aluminium - 5005 H34 Mill Finish

Sign Sheet Distributors supplies Aluminium Alloy 5005 H34 which is produced under Australian Standard A.S.1734 and is suitable for use in the General Signage Industry.

Needs to be coated before use to avoid corrosion and oxidation.



- Corrosion Resistance - Excellent
- Anodising - Very Good
- Formability - Very Good
- Machinability - Fair
- Weldability - Very Good
- Brazeability - Good

Sizes
2400mm x 1200mm, 3000mm x 1500mm

Thicknesses
1.2mm, 1.6mm, 2.0mm, 3.0mm



NCP® is a Non-Combustible panelling solution that is deemed to be Non-Combustible under the Building Code.

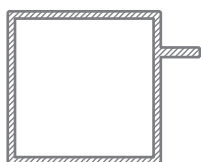
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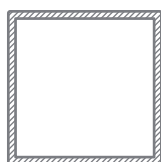
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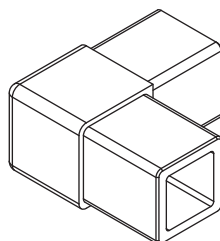
Modular Aluminium Framing System



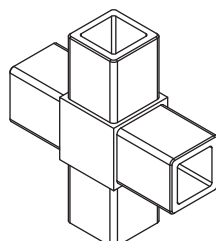
31.90mm x 25.40mm
1" Space Module Section
0.341 kg/m



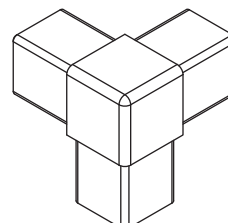
25.40mm x 23mm
1" Space Module
0.313 kg/m



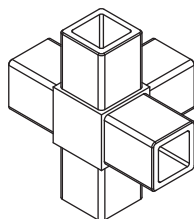
2 Way Corner Jointer



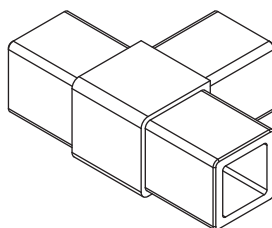
4 Way X Shape Jointer



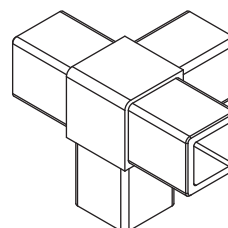
3 Way Y Shape Corner Jointer



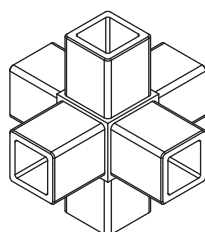
5 Way Jointer



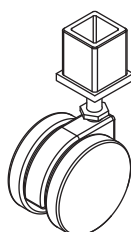
3 Way T Shape Jointer



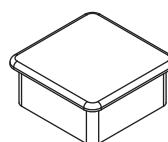
4 Way Y Shape Corner Jointer



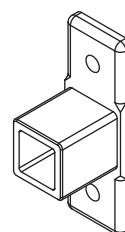
6 Way Jointer



25mm Castors & Insert



End Cap



Mounting Bracket

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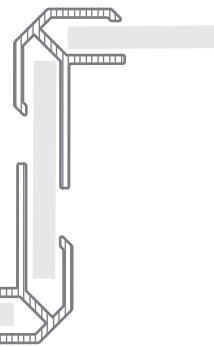
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Aluminium and PVC Joiners for Alupanel and other 3mm thick panels

Sign Sheet Distributors provides range of Aluminium Extrusions for joining Alupanel in the following profiles. These joiners are also available in a white PVC.

External Corner for 3mm
19.00mm x 16.60mm
0.129 kg/m



End Cap for 3mm
21.00mm x 6.00mm
0.117 kg/m



Joiner for 3mm
27.00mm x 6.50mm
0.117 kg/m



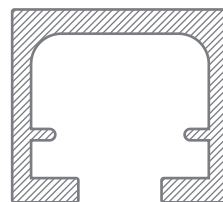
Internal Corner for 3mm
19.00mm x 16.60mm
0.129 kg/m



SIGNAGE ALUMINIUM EXTRUSIONS

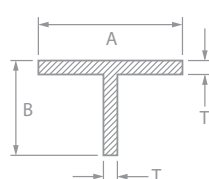
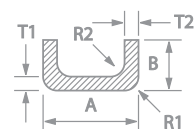
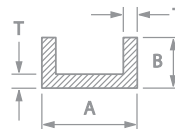
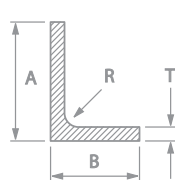
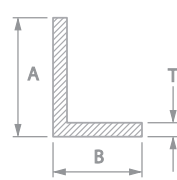
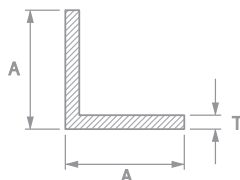
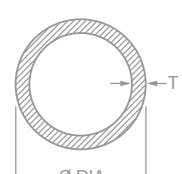
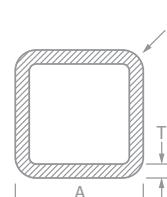
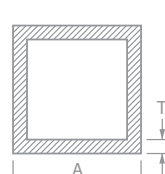
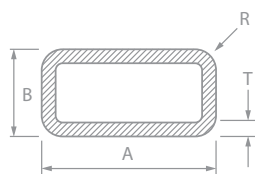
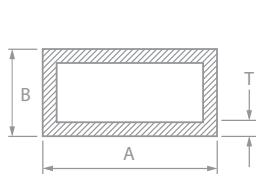


Sail Track
28.00mm x 12.80mm
0.221 kg/m



Sign Channel
28.50mm x 25.50mm
0.698 kg/m

STANDARD ALUMINIUM GEOMETRIC EXTRUSIONS



Spit Baton Channel



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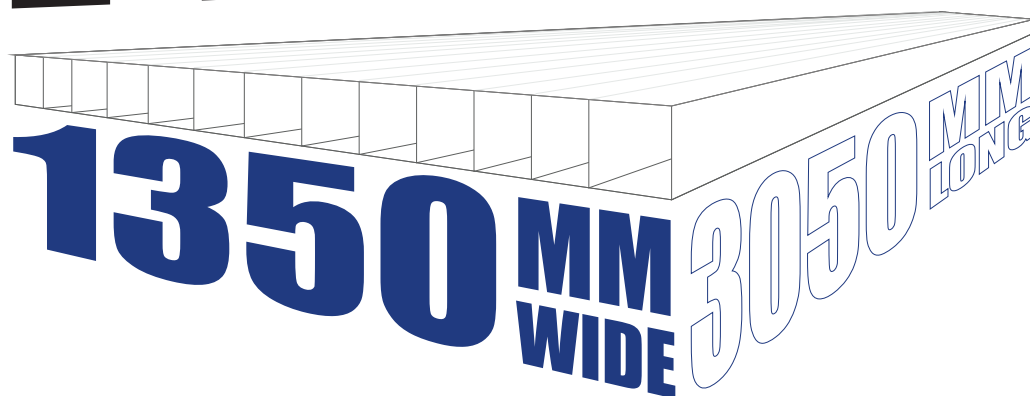
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DIGITAL PRINT GRADE

FLUTE



Flute - Fluted Polypropylene

Sign Sheet Distributors supplies a high quality grade of FLUTED POLYPROPYLENE SHEET suitable for use in the Signage and Screen Printing and Digital Printing Industries.

It is manufactured from a tough UV stabilized Polypropylene Copolymer giving it excellent chemical resistance properties as well as an outdoor life expectancy of 2 or more years depending on the degree of sunlight exposure, sheet colour and general weather conditions.



	3050 x 1350			2440 x 1220			1830 x 1220			1220 x 915			915 x 610			900 x 600		
	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm
White																		
Black																		



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ACRYLIC - CAST

Cast Acrylic sheet supplied by Sign Sheet Distributors is produced from high quality virgin MMA (Methyl Methacrylate Monomer). They are used for Signage as flat or vacuum formed panels in illuminated light boxes and general sign panels. It is also used in all manner of fabrication applications.

Cast Acrylic Sheet shows excellent resistance to natural ageing while providing superior flatness and optical properties when compared to Extruded Acrylic Sheet and offer greater thermal stability and better resistance to crazing when exposed to solvents.

The Cast manufacturing process leads to slight variations in the thickness of sheets with a normal tolerance being around 3-5%.



	2440x1220							2480x1880					3050x2030					
	2.00mm	3.00mm	4.50mm	6.00mm	10.00mm	20.00mm	25.00mm	50.00mm	2.00mm	3.00mm	4.50mm	6.00mm	10.00mm	20.00mm	2.00mm	3.00mm	4.50mm	6.00mm
Opal																		
Clear																		
White																		
Black																		
Colours																		
Flouro																		

POLYCARBONATE

Polycarbonate supplied by Sign Sheet Distributors is a versatile, extremely tough plastic used for a variety of applications such as Safety and Security Screens, Signage and other high impact type of applications.

Polycarbonate has around 4 times the impact resistance of Cast Acrylic making it extremely strong. Its UV-resistant surface treatment protects against weathering and provides long-lasting clarity.

Polycarbonate is moderately resistant to chemicals but is susceptible to scratching but can handle temperatures up to around 115 Degrees Celsius.

The trade off from having such a high impact strength is it tends not to be as rigid as Cast Acrylic sheet.



	2440x1220					2480x1830					3050x2030							
	2.00mm	3.00mm	4.50mm	6.00mm	9.50mm	20.00mm	2.00mm	3.00mm	4.50mm	6.00mm	9.50mm	20.00mm	2.00mm	3.00mm	4.50mm	6.00mm	9.50mm	20.00mm
Opal																		
Clear																		

OPAL

CLEAR

PETG

PETG is a very lightweight thermoplastic sheet used in visual merchandising and engineering applications including Signage, Glazing, POP Displays and many thermoforming applications. It can be easily formed, die cut and punched.

The clarity of PETG approaches that of Acrylic and the Impact Resistance of Polycarbonate.

PETG is used as a midrange priced product between Acrylic & Polycarbonate.



Sheet Size: 2440mm x 220mm

Thicknesses: 0.50mm 2.00mm
0.75mm 3.00mm
1.00mm 4.50mm
1.50mm

CLEAR

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Foam PVC

Foamed PVC is predominantly used indoors. It is light and easy to work with however it has light structural strength for rigidity.

This product is susceptible to heat and will warp in direct hot sun particularly in the darker colours. It is also susceptible to higher than average expansion from heat particularly in the thicker sheets and this should be taken into consideration when installing.

This product isn't a particularly good product to paint.

The use of self-adhesive vinyl or direct digital printing gives the best results.



	2440x1220					3050x1560					3050x2030				
	2.00mm	3.00mm	6.00mm	10.00mm	20.00mm	2.00mm	3.00mm	6.00mm	10.00mm	20.00mm	2.00mm	3.00mm	6.00mm	10.00mm	20.00mm
White															
Black															



POLYSTYRENE FOAM

Polystyrene is a light weight, easy to use product – VH grade (other grades include L, S, M, H, available on application).

Used for 3D lettering (VH Grade), Packing and Insulation (Recycled Grade)

Ensure when painting or gluing Polystyrene Sheet that you only use water based paints and adhesives. Failure to do so will cause the Polystyrene to dissolve.

Other sizes are available on request.



2400 x 1200					
100.0mm	50.0mm	40.0mm	25.0mm	18.0mm	10.0mm

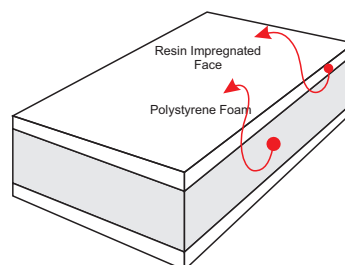
GATORFOAM®

Gatorfoam® is an extremely rigid lightweight graphic arts panel with a hard smooth surface on both sides consisting of an extruded polystyrene core laminated to two resin impregnated faces.

Gatorfoam® is the original graphic art board, available in white and black and is ideally suited for all kinds of displays and 3D applications. It is especially suitable for all kinds of imaging, lamination, decorative applications and interior design. Features include a bright white surface, excellent image quality with direct-to-substrate digital printing and excellent dimensional stability.

KAPA® plast

KAPA® plast combines bright white plastic-coated cover layers with a white polyurethane foam core. The surface provides excellent printing results with ideal ink adhesion for UV & latex digital inks and screen UV inks. Due to the flatness on both sides, high printing speeds can be achieved with enhanced quality and efficiency. The white polyurethane foam core is resistant to breaking down when used with solvent adhesives. The ideal foamboard...



GATORFOAM White			
	5.00mm Thickness	10.0mm Thickness	19.0mm Thickness
2440x1220	✓	✓	✓
3050x1524	✓	✓	✓

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Birch AB Plywood

Birch is recognised as the premium plywood choice and preferred by Architects, Designers, Planners, Builders and Engineers for multiple design applications including commercial and domestic furniture and joinery.

Birch's properties are highly appreciated in industries where special strength and durability of a material is required.



Sizes Available:
2440mm x 1220mm

Thicknesses:
4.00mm 12.00mm
6.50mm 15.00mm
9.00mm 18.00mm
24.00mm
30.00mm

Hoop Pine BB Plywood

Hoop pine is a straight grained wood, evenly textured and very fine.

The growth rings are not distinct, but they are visible, and the figure is mottled and plain. The heartwood ranges from light yellow brown to pale cream, and although there is little difference in colour between the heartwood and the sapwood, the heartwood is a little darker. Sapwood 7.5 - 15mm wide is often flecked and light brown in colour.



Sizes Available:
2400mm x 1200mm

Thicknesses:
4.00mm 12.00mm
6.00mm 16.00mm
9.00mm 19.00mm

MDF - Medium Density Fibre Board

MDF is a compressed wood fibre board the is for internal use only. It comes as a raw sheet that needs sealing to avoid moisture adsorption causing swelling and furring of the face.

MDF is easily cut with a panel saw, router or jig saw and is used in

- Cabinetmaking
- Shop Fitting
- POP displays



Thicknesses Available

- 3.00mm
- 6.00mm
- 9.00mm
- 12.00mm
- 16.00mm
- 18.00mm
- 25.00mm
- 32.00mm

Local Structural CD Plywood

CD Plywood has rough rustic type of faces with imperfections.



Sizes Available:
2400mm x 1200mm

Thicknesses:
7.00mm 17.00mm
9.00mm 19.00mm
12.00mm 25.00mm
15.00mm 32.00mm

WEATHERTEX

WeatherTex™ Signboard is an exterior grade wood fibre signboard board 9.5mm thick, dense, tough and resistant to impact. It has a smooth face surface and the primer coating provides an excellent base for painting and decorative signwriting.



Sizes Available

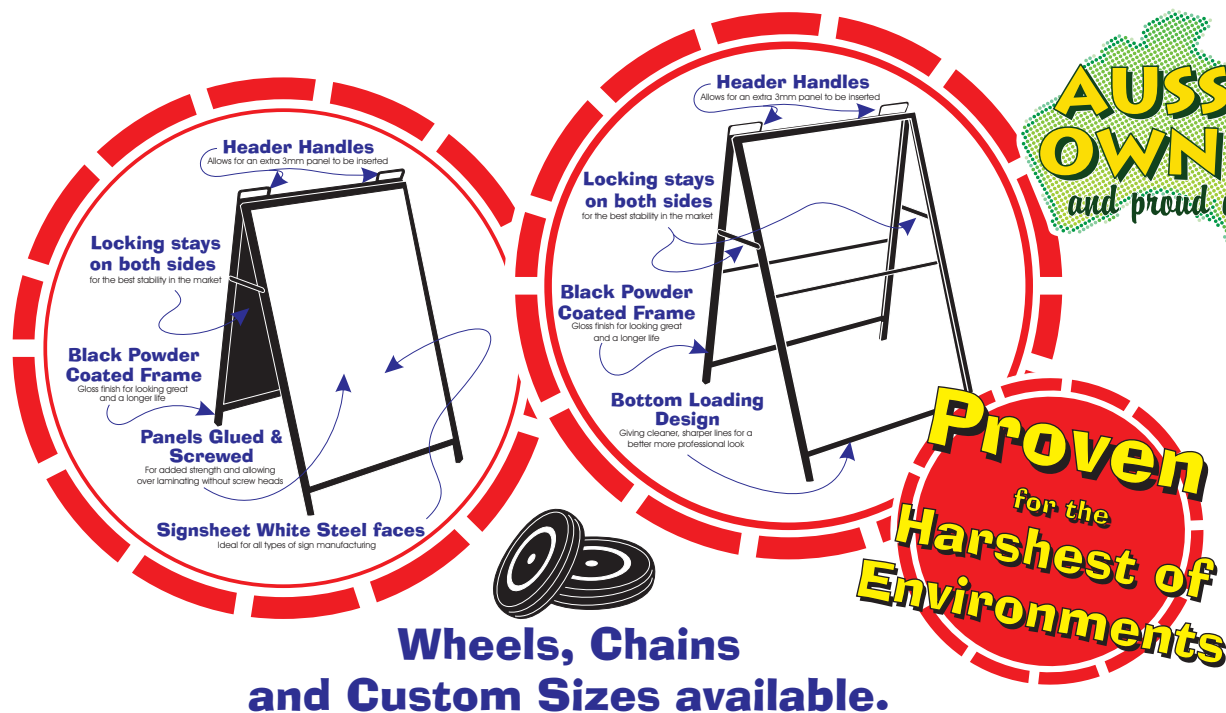
- 2440mm x 1220mm
- 3660mm x 1220mm

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AUSSIE OWNED
and proud of it!



Sign Sheet Steel Faced A-Frame with "Header Handles"

Made from a quality galvanised steel tube frame powder coated with Signsheet White Steel panels attached to the face with glue and self-drilling screws. They have 2 Locking Stays on the sides so the A-Frame remains open allowing it to withstand higher winds before falling over.

The A-frames come with Sign Sheet Distributors own "Header Handles" allowing for an extra panel to be placed at the top of the frame.

Available in a black frame colour, other colours available upon special order request. (Min order quantities may apply on custom colours.)

Available in: 1800mm x 1200mm, 1200mm x 900mm, 900mm x 600mm, 600mm x 600mm



Sign Sheet Insertable A-Frame with "Header Handles"

Made from a quality Galvanised steel tube frame powder coated in a hard wearing black powder coating.

The Frame accommodates panels up to 5.0mm thick to be inserted into the frame quickly and easily via our unique bottom load system which keeps the look of the frame as clean as possible.

Custom colours available upon special order request. (Min order quantities may apply on custom colours.)

Available in: 1200mm x 900mm, 900mm x 600mm, 600mm x 600mm

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Wire Lawn Spikes in Powder Coated Galvanised Wire

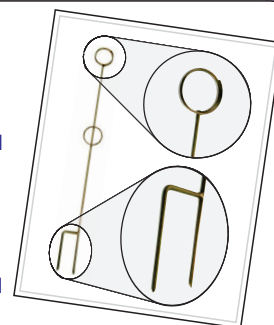
Made from a quality galvanised steel wire, powder coated in a black to suit a 5.0mm thick Flute (Flute Polypropylene) up to 600mm x 600mm in size. (Flute extra)

Available in a black frame colour, other colours available upon special order request. (Min order quantities may apply on custom colours.)

Pigtail Flute Spikes Anti-Rust Zinc Plated

Pigtail Flute spikes are made from a high quality anti-rust yellow zinc plated finish. Pigtails holds panels up to 450mm high and any material up to 10mm thick.

Great for directional & real estate signage. Cost effective for promotional signage.



Galvanised Wire A-Frames

Made from a quality galvanised steel wire, to suit a 5.0mm thick Flute (Fluted Polypropylene) 900mm x 600mm in size. (Flute extra)

Comes standard as Galvanised finish.

Available in other frame colours upon special order request. (Min order quantities may apply on custom colours.)



Sign Sheet Steel Insertable T-Frame

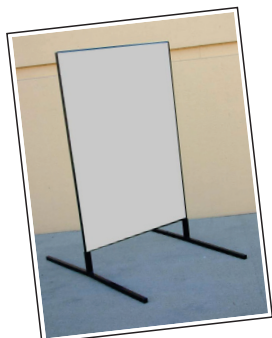
Made from a quality Galvanised steel tube frame powder coated in a hard wearing black powder coating.

The frame accommodates panels up to 5.0mm thick to be inserted into the frame quickly and easily via our unique bottom load system which keeps the look of the frame as clean as possible.

The T-Frame has removable feet for easy shipping and transport.

Custom colours available upon special order request. (Min order quantities may apply on custom colours.)

Available in: 1200mm x 900mm, 900mm x 600mm



Sign Sheet Steel Faced T-Frame with Removable Feet

Made from a quality galvanised steel tube frame powder coated with Signsheat White Steel panels attached to the face with glue and self-drilling screws.

The feet are removable for easy Shipping and Transport.

Available in a black frame colour, other colours available upon special order request. (Min order quantities may apply on custom colours.)

Available in: 1200mm x 900mm, 900mm x 600mm

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CUTTING

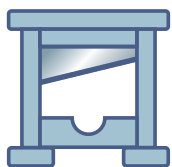
Sign Sheet Distributors is a dedicated provider for trade-only services, proudly offering a premier Saw Cutting Service. Our expertise extends to cutting a wide array of materials, including all types of timber and plastic.

Our sophisticated machinery is designed for high precision and can accommodate both small and large projects. We have the capability to cut materials ranging from the smallest sizes to pieces as long as 4200mm.

With our services, you can expect high-quality, precisely cut materials to suit your specific needs.

We can supply and route the material or you can supply your own.

Saw Cutting - Plastics and Wood	Sizes
Panel/Pcs Capacity	3600mm x 1800mm
Maximum Panel Thickness (Cutting)	50mm



GUILLOTINE CUTTING

Sign Sheet Distributors, a trade-exclusive enterprise, provides a top-notch Guillotine Cutting Service.

We have the tools and expertise to assist with any guillotine cutting needs you may have. Whether it's paper, flute board, aluminium, or steel sheet, we've got you covered.

Our service is designed to deliver precision and satisfaction, ensuring that your materials are cut with utmost accuracy. Take advantage of our specialized service to meet your project requirements.

We can supply and route the material or you can supply your own.

Guillotine Cutting -Steel & Alloys	Sizes
Panel/Pcs Capacity	3600mm x 2400mm
Maximum Panel Thickness (Steel)	1.60mm
Maximum Panel Thickness (Alloy)	3.00mm

HOLE PUNCHING & CORNER CUTTING

Sign Sheet Distributors offers a professional In-House Hole Punching and Corner Cutting service.

We can supply and route the material or you can supply your own.

Steel & Alloys	Material Thickness
Radius Corners (9mm, 12mm, 18mm, 30mm)	3.00mm
Holes	3.00mm

Selected Plastics & Foams	Material Thickness
Radius Corners (9mm, 12mm, 18mm)	3.00mm
Radius Corners (30mm)	6.00mm
Holes	6.00mm

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CNC ROUTING



Sign Sheet Distributors is a specialized trade service provider of CNC Routing. We are equipped to assist you with CNC routing of various materials, including Aluminium, Alupanel®, Acrylic, FPVC, Plywood, and Timbers.

To accommodate diverse project sizes two high-capacity machines on our production floor. These machines can handle cutting jobs of substantial dimensions, up to 4.2 metres by 2.2 metres.

Our services are designed to help your business, catering for your unique needs, ensuring precision and quality in every project.

We can supply and route the material or you can supply your own.

CNC Router - All Materials	Sizes
Panel/Pcs Capacity	4200mm x 2200mm
Maximum Panel Thickness (Cutting)	50mm
Maximum Panel Thickness (Engraving)	150mm

LASER CUTTING



Sign Sheet Distributors is a specialized trade service provider of CNC Laser cutting. We are skilled in laser cutting a wide range of materials, from Stainless Steel and Aluminium to Alupanel® and Acrylic.

Our advanced machinery has the capacity to handle various thickness levels, from 20mm Stainless Steel plates to as thin as 1mm Plastics. With our service, you can expect precise cuts, regardless of the complexity of the material or design.

Our laser cutting expertise combined with our advanced machinery promises quality and precision in every project.

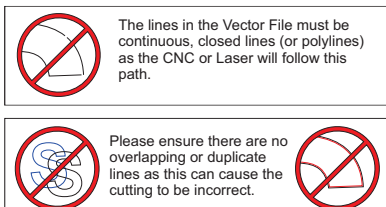
We can supply and route the material or you can supply your own.

Laser - Plastics	Sizes
Panel/Pcs Capacity	2400mm x 1200mm
Maximum Panel Thickness (Cutting)	15mm
Maximum Panel Thickness (Engraving)	100mm

Laser - Steel & Alloys	Sizes
Panel/Pcs Capacity	3000mm x 1500mm
Maximum Panel Thickness (Cutting)	25mm
Maximum Panel Thickness (Engraving)	25mm



Files must be supplied in vector format. A vectorised file (.EPS & .DXF) is a line drawing. Where as a Bitmap file (.TIF, .JPEG, .BMP, .PNG) are not a single line and cannot be used..



Files need to be scaled to
100% FULL SIZE
or CLEARLY NOTED Otherwise

We can help with
Design File Setup

Contact our team to
discuss your needs

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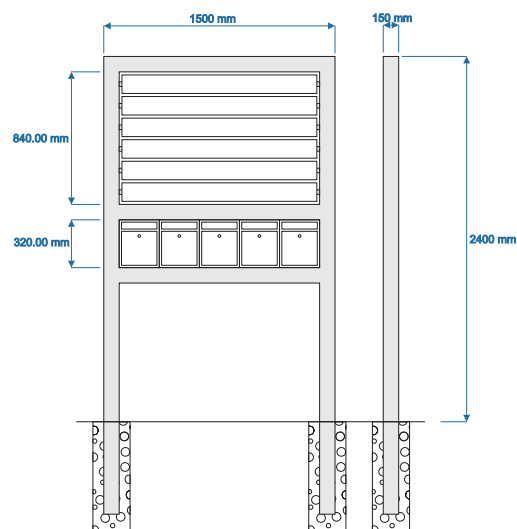
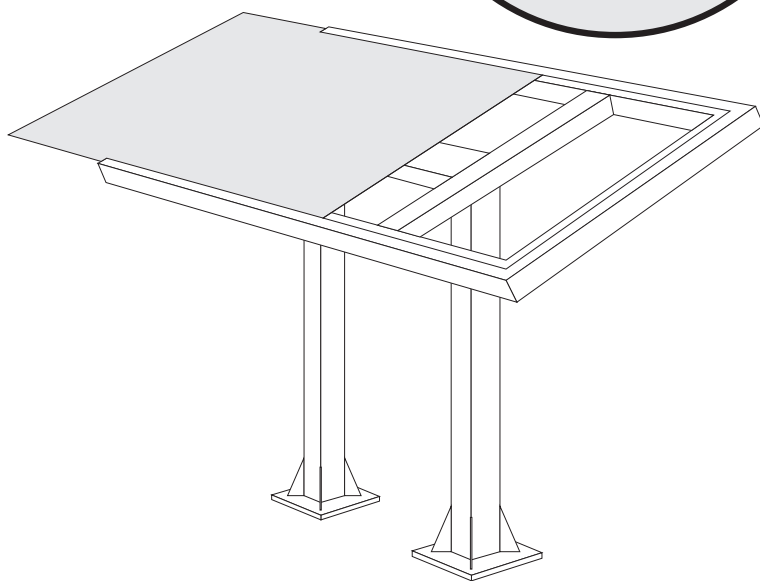
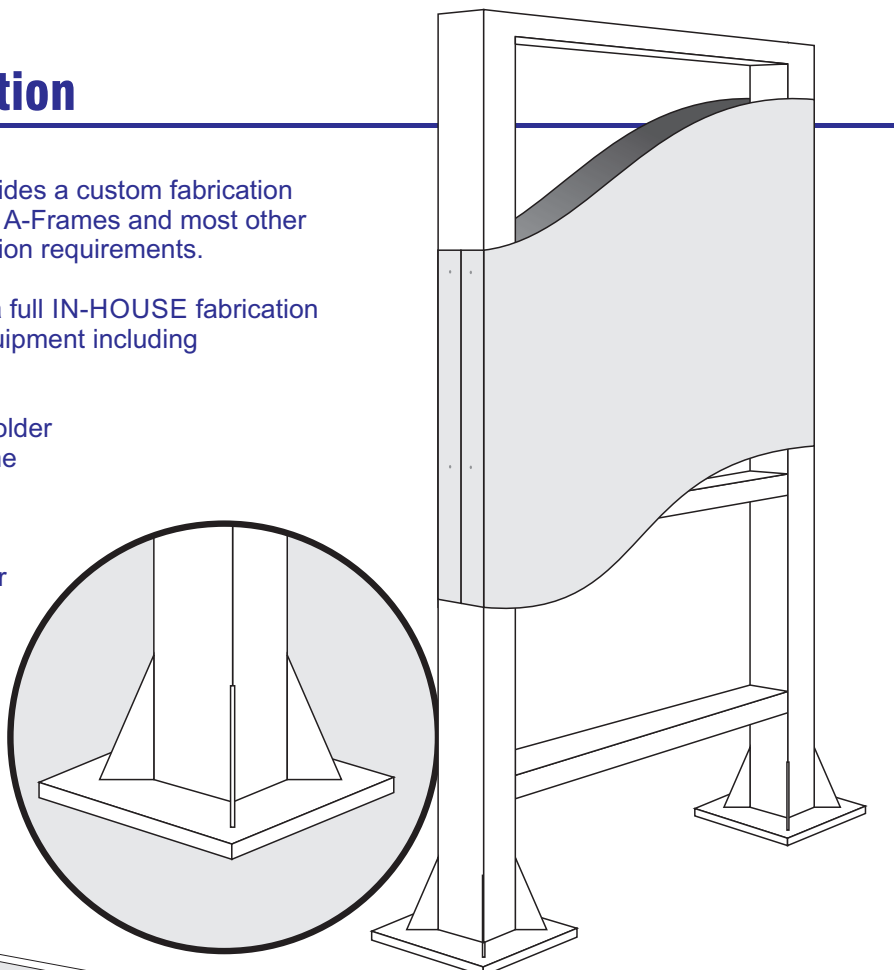
Custom Fabrication

Sign Sheet Distributors provides a custom fabrication service for sign frames, post, A-Frames and most other types of tubular steel fabrication requirements.

Sign Sheet Distributors has a full IN-HOUSE fabrication workshop with a range of equipment including

- MIG Welding
- Pan Break Sheet Metal Folder
- 3.6m Steel Sheet Guillotine
- Cold Roll Panel Roller
- CNC Flatbed Router

Please call us to discuss your custom frame requirements.



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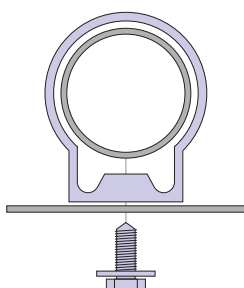
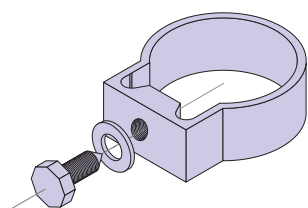
Sign Post Bracket System

The Sign Posts and Brackets are a tried and true Sign Post System.

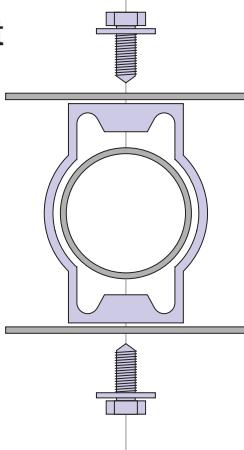
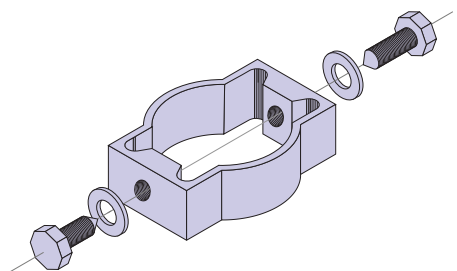
The Single and Double Brackets are machined from a durable Aluminium extrusion providing excellent long term durability in all climates. The included bolt and washer provide a simple hassle-free installation.

Combined with the Galvanized Posts, They make a very reliable Sign Post System.

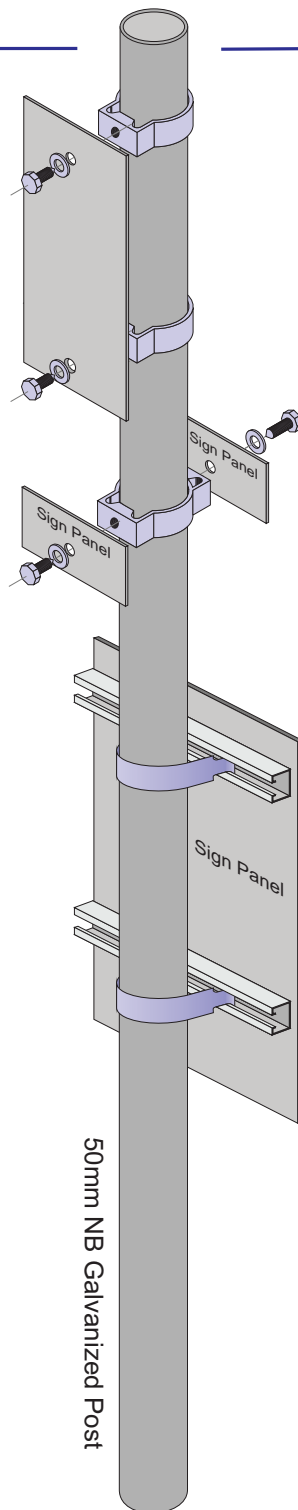
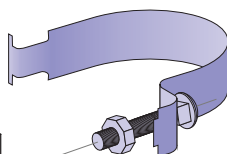
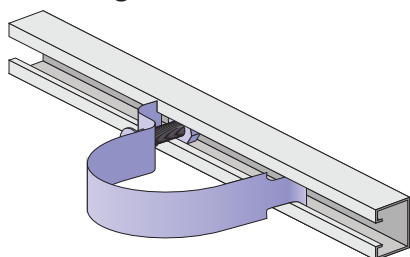
Single Sign Post Bracket



Double Sign Post Bracket



ARC Sign Post Bracket



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INSTANT GRAB ADHESIVE

**INSTANT
GRAB
ADHESIVE**

gootack
INSTANT GRAB ADHESIVE

Product name: Gootack Instant Grab
Date of Preparation: 22.04.2024
Page 1/1

TECHNICAL DATA SHEET

Product Description

Gootack Instant Grab is a universal adhesive for adhering all kinds of materials with the exception of PE and PP. Gootack Instant Grab has a very high initial tack and can be used on the most common surfaces. Gootack Instant Grab has been specially developed for the adhesion of stone, concrete, mirrors, glass, plaster, PU, PVC, hard synthetics, enamel, ceramics, copper, lead, zinc, tin, aluminum, metals, alloys and stainless steel.

Material

MS Polymers

Advantages

- Durably elastic.
- High absorption of acoustic vibrations.
- Neutral curing, practically odorless.
- No shrinkage.
- High mechanical resistance.
- Adheres excellently without primer to most, even moist surfaces.
- Mold and bacteria resistant.
- No edging contamination with marble and natural stone.
- Isocyanate-, solvent- and silicone-free.
- Can be painted over with most water-based and 2K paint systems.
- Good weather and moisture resistance.

Application Instructions

Apply the adhesive using the V-nozzel in vertical lines. The distance between lines amounts to 10 to 20 cm. Then press the materials until there is at least 2 to 3 mm between the material to be adhered and the surface. Do not apply Gootack Instant Grab with pads! The high initial strength means support during curing is usually not required. Gootack Instant Grab is available in the colours black and white. Contact our technical department with any technical questions. Because of the structure of Gootack Instant Grab, it is recommended to use a Gootack Caulkgun. The surfaces must be clean, dry and holding. Any non-cured residues and other soiled material can be removed. Always pre-treat porous surfaces with an appropriate primer. Always test the surface beforehand for adhesion.

Safety recommendations

This technical information does not contain an MSDS (Material Safety Data Sheet). You must first fully read the MSDS before using this product.

Shelf Life

18 months in unopened packaging.
Store at temperatures between 5°C and 25°C.

Properties	Specifications
100% Modulus	1.39 MPa N/mm ²
Extrusion value g/min @3mm/4 bar	20
Processing temperature	5°C to 40°C
Basis	Polymers
Curing	3 mm per 24 hours
Density	1.58 gr/ml
Flow resistance ISO 7390	< 2mm
Elongation at break	400%
Frost-resistance during transport	To - 15 °C
Tensile strength N/mm ²	2,8 MPa
Hardness	65 Shore- A
Skin formation at 23°C	15 minutes
Temperature resistance	-40°C to 90°C

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HIGH TACK

Gootack Bonds all metals and timbers, EDPM, lead, zinc, copper, mirrors, stone, polystyrene, plastics, concrete and natural stone. Due to its versatility it can replace all types of specialist adhesives.



Gootack High Tack is a universal adhesive for adhering many kinds of materials with superior adhesion to...

Stone - Concrete
Mirrors - Glass
Plaster
PU, PVC
Hard Synthetics
Enamel - Ceramics
Copper - Lead
Zinc - Tin
Aluminium
Metals - Alloys
Stainless Steel
Alupanel® Composite

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HIGH TACK

- Durably elastic.
- High absorption of acoustic vibrations.
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- Isocyanate-, solvent- and silicone-free.
- Can be painted over with most water-based.
- Adheres excellently without primer to most, even moist surfaces.

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HIGH TACK



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18 MONTH SHELF LIFE
UNOPENED PACKAGING*

Talk to us about your bulk requirements.

Always test before use.

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		Specific Density	Weight	Length	Width	Thickness	Weight m2
			Kg	mm	mm	mm	Kg
STEEL	Signwhite Steel	8.17	12.94	2.400	1.200	0.55	4.49
	Signwhite Steel	8.17	18.82	2.400	1.200	0.80	6.54
	Stainless Steel	8.17	12.94	2.400	1.200	0.55	4.49
	Stainless Steel	8.17	16.47	2.400	1.200	0.70	5.72
	Stainless Steel	8.17	21.18	2.400	1.200	0.90	7.35
	Stainless Steel	8.17	28.24	2.400	1.200	1.20	9.80
	Stainless Steel	8.17	35.29	2.400	1.200	1.50	12.26
ALLOYS	Aluminium	2.70	4.67	2.400	1.200	0.60	1.62
	Aluminium	2.70	7.78	2.400	1.200	1.00	2.70
	Aluminium	2.70	9.33	2.400	1.200	1.20	3.24
	Aluminium	2.70	12.44	2.400	1.200	1.60	4.32
	Aluminium	2.70	15.55	2.400	1.200	2.00	5.40
	Aluminium	2.70	23.33	2.400	1.200	3.00	8.10
	Aluminium	2.70	38.88	2.400	1.200	5.00	13.50
	NCP Aluminium	2.70	13.50	2.500	1.250	1.60	4.32
	NCP Aluminium	2.70	25.31	2.500	1.250	3.00	8.10
	Brass	8.53	13.82	1.800	0.900	1.00	8.53
	Brass	8.53	23.03	3.000	0.900	1.00	8.53
ACM	ACPro	1.28	11.44	2.440	1.220	3.00	3.84
	Alupanel LITE	1.28	11.44	2.440	1.220	3.00	3.84
	Alupanel 3.0/0.3	1.38	12.33	2.440	1.220	3.00	4.14
	Alupanel FR 3.0/0.3	1.87	16.71	2.440	1.220	3.00	5.61
	GalShield 3.0	2.37	21.13	2.440	1.220	3.00	7.10
TIMBER	Weathertex	1.41	39.87	2.440	1.220	9.50	13.40
	MDF	0.7	25.01	2.440	1.220	12.00	8.40
	Plywood - Pine 12mm	0.55	19.64	2.440	1.220	12.00	6.60
	Plywood - Birch 12mm	0.61	21.90	2.440	1.220	12.00	7.36
	Plywood - Hardwood	0.84	30.00	2.440	1.220	12.00	10.08
PLASTICS	FPVC	0.6	5.36	2.440	1.220	3.00	1.80
	Acrylic	1.19	10.63	2.440	1.220	3.00	3.57
	Flute - 5.0mm	0.181	2.69	2.440	1.220	5.00	0.91
	Flute - 3.0mm	0.17	1.52	2.440	1.220	3.00	0.51

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VHBond Tape

Very High Bond Double Sided Tape

VHBond 5810 LSE is a high performance pressure sensitive acrylic bonding tape designed to provide a superior bond to most substrates with a Low Surface Energy level. It offers users a consistent lasting bond to most surfaces along with excellent weather resistance.



VHBond 5310 is a high performance pressure sensitive acrylic bonding tape designed to provide a superior bond to substrates with a Medium to High Surface Energy level.

Substrate Surface Energy Classification	
HIGH Surface Energy	LOW Surface Energy
Aluminium	Acrylic
SNA Aluminium	Polyethylene
Stainless Steel	Polystyrene
Alupanel®	Polyurethane
Glass	PVC
Recommend VHBond 5310	Recommend VHBond 5810 LSE

NOT ALL TAPES ARE THE SAME

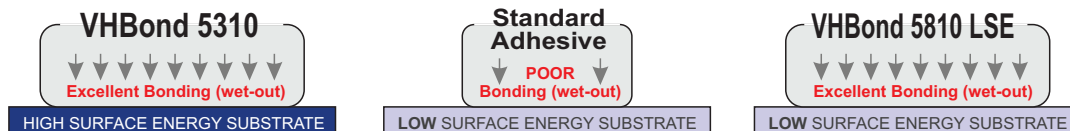
Understanding the relationship between your substrate/s and the tape being applied to is critical in ensuring the best performance as each persons requirements are unique to them so testing and selection is critical to obtain peak performance.

All substrates exhibit different levels of what is commonly referred to as "surface energy".

So what is "surface energy" when it comes to adhesive tapes?

It's the substrates ability to allow the tapes adhesive to bond (wet out) to the surface.

Simply put, The higher the substrates surface energy the easier it is for the tape to adhere to the object ensuring a high contact surface area of bond resulting in higher level of tape performance.



The 3 diagrams demonstrate an adhesive's ability to stick to a surface.

— For VHBond 5310 or standard adhesives the performance to HIGH Surface Energy (HSE) is excellent. —

— For Standard Adhesives the performance to LOW Surface Energy (LSE) is poor. —

For LOW Surface Energy (LSE) substrates we recommend application of our VHBond 5810 LSE to achieve an excellent adhesion performance.

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Working with Instant Grab Adhesive

Remember adhesive is only as good as the material you apply it to, if you apply it to painted steel then it will only adhere as well to the steel as the paint is adhered. Likewise for a brick wall, if you adhere a sign to the brick then the brick must be strong enough to hold the sign.

Surface preparation is key.

It is important that all dust, oil and grease is removed from any surface before applying any adhesive.

Gootack cures with humidity from the air, which means it will adhere even when the items are damp. But not if there are contaminants such as grease, oil or dust.

Application and Strength

Applying Adhesive In order to achieve instant grab you must apply the perfect amount of adhesive.

Gootack can hold 200KGS instantly in a vertical position and 1000KGS instantly in a horizontal position per sqm.

But to achieve this, you have to apply it so every cm² was covered in adhesive and if all the weight was at the point of contact this is the weight it can hold. This is lab tested and is 100% correct however, this isn't a practical application.

To achieve the instant grab results in a practical application on a panel in a vertical position such as on a wall is much easier as you can see from the examples to the right.

Apply adhesive in vertical beads.

This allows any dirt, dust or water to fall through without building up which can cause problems in the long term along with giving better vertical strength.

Never use clamps when using Gootack.

You must ensure there is a minimum of 2-3mm of bead after pressing down to achieve the correct adhesion strength

Use a straight edge or spirit level to press the panel down to achieve a flat application

Always use the supplied nozzle to achieve the best yield while achieving the best result.

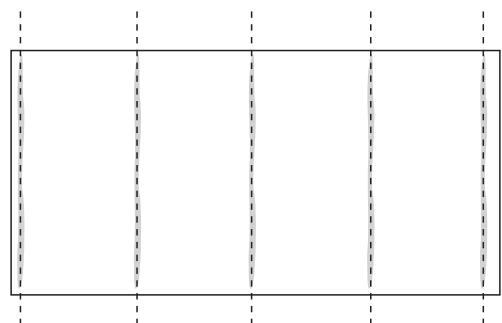
With partially used tubes, allow the adhesive to cure in the nozzle.

The remaining tube will remain viable and the nozzle can be cleared easily.

3mm Aluminium composite sheet 1000mmH x 2000mmW – 15 KGS
Equals 5 vertical beads of adhesive

Brick 50mmD x 200mm x 200mm–5KGS
Equals 5 vertical beads of adhesive

If adhering horizontally (E.g Ceiling) you would need much less.



The rule of thumb...

On average, you should allow for approx 1 tube of Gootack per 2440x1220 panel.

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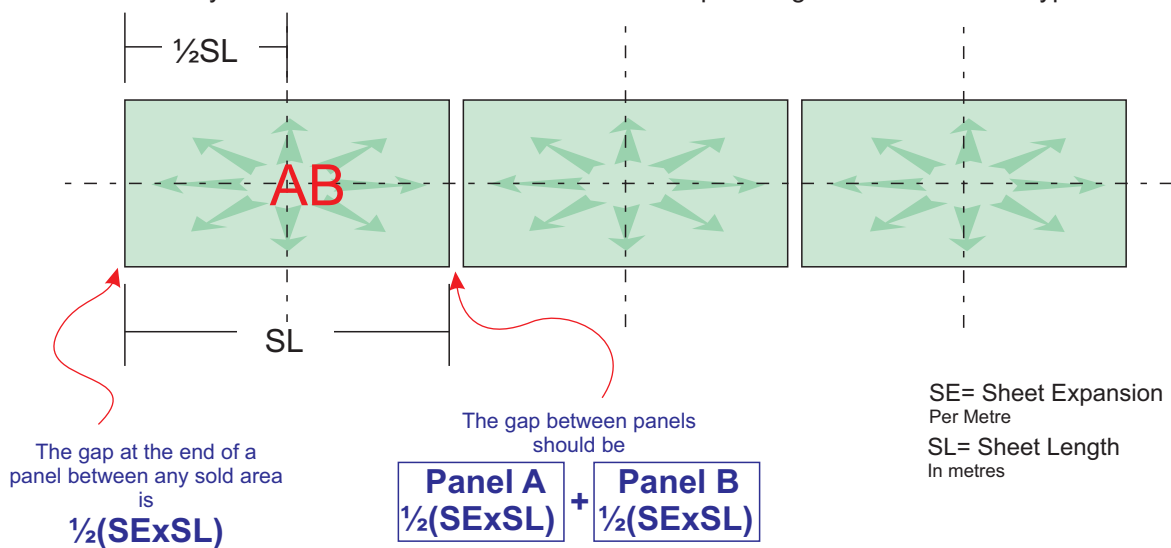
A word on thermal and moisture expansion...

It's a bit like nature's answer to the hydraulic jack, nothing stops it. Expansion is caused by either moisture or heat absorption depending on the type of panels used. For example Wood type products are susceptible to moisture adsorption and plastic & steel type products are usually susceptible to heat/thermal adsorption.

All materials expand and contract... The movement **MUST** and **WILL** go somewhere. If you don't tell it where to go by allowing room, it will go where it wants... usually not where you want it to go.

Expansion acts in all directions from the centre outwards.

So you **MUST** leave room for substrates to expand regardless of material type.



For example lets say...

- The Sign panel is Plywood with an expansion rate of approx 2mm p/m.
- The panel Sizes are 2400mm x 1200mm.

The Expansion gap need between the panels will be...
 $\frac{1}{2}(2.0 \times 2.4) + \frac{1}{2}(2.0 \times 2.4)$ which is $2.4\text{mm} + 2.4\text{mm} = 4.8\text{mm}$

In the above example... if you were to install 10 panels end to end **WITHOUT** expansion gaps... you would have a combined expansion across the entire sign of

48mm(nearly 2 inches).

possibly resulting in warping, failure of fixings and panels falling off the wall...

Top view of panels



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Working with ALUPANEL® Aluminium Composite Panel

Always hang a sign where possible...

1. The HUNG SIGN

This is achieved by routing a right angle overlap edge to the top of the sheet. Fastening is made to this top edge.

This insures the weight of the sign is held by the return fold hanging from a member or ledge.

All that remains now is to hold the sign back to the wall or framing by means of glue and or VHB style tape. Where allowable, also use screws.

Fix the top fold by mechanical fixing screws, etc.

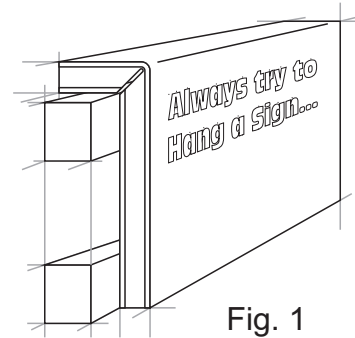


Fig. 1

2. Double Sided Tape

VHBstyle double sided tape can be used for edge and bottom fixing for example fig 1 above.

When using tape such as VHB on big signs, it would be advisable to use at least some minimal mechanical fixing as a security/safety measure.

VHBstyle tape is ideal for smaller interior/exterior signs and can also be used for spot fixing in the centre of sign panels.

For safety, never rely on tapes such as VHB alone and always adhere to clean sealed surfaces only as per the manufacturer's instructions and recommendations.

3. Fascia Signs

For a neat and tidy job, router the top and bottom edge say 30-50mm for a right angle return.

This gives you great features such as...

- Top and bottom fixing. (No face fixing is required in many applications)
- Straight and true line of sign panels.
- Elimination of waviness of the sign panel face.

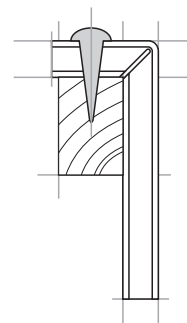


Fig. 2

A connecting strip of ACM applied with bolts or tape such as VHB to the underside of the joint to link the panels together and keep them running straight and true.

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Working with Aluminium Composite Panel

4. Double Fold

This is to achieve a neat edge at the bottom of the sign while also achieving a stiffening of the sign panel as seen in Fig.3

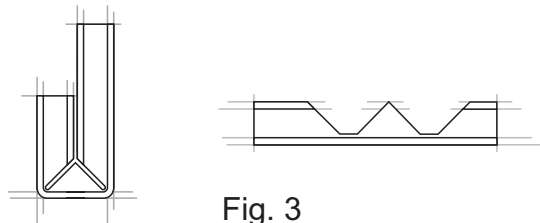


Fig. 3

5. Tabs

These are a simple system of attaching signage to the back of framing using VHB and gal flat head nail or Screw for future dismantling.

Tab, A narrow strip of ACM routed to fold into a right angle as seen to the right.

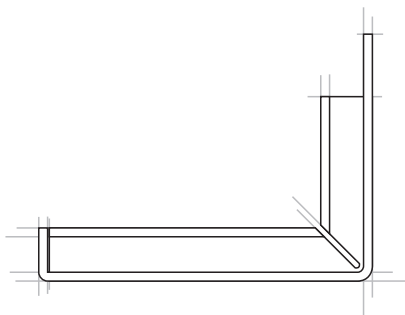
These can be used where access to the back of the sign is available. Also these can be used for central fixing to obtain a straight and true face. Use a string line and gauge blocks to achieve this straightness.

IMPORTANT NOTE:

Please remember, It's not the thickness of panel that matters most, It is the thickness of the aluminium skin that is MOST important. 0.3mm being optimum.

6. Concealed edge

This is a very neat and tidy way to finish the edges of the sign panels with a return edge to cover the polyethylene core.



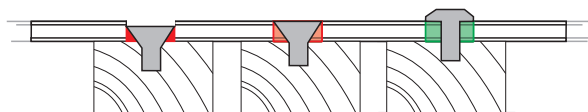
6. Concealed edge

This is a very neat and tidy way to finish the edges of the sign panels with a return edge to cover the polyethylene core.

Simply route the polyethylene back 3.0mm from the edge leaving only the aluminium face and fold down 90 degrees as below.

7. Don't countersink

If you want to use screw fixings, go ahead, just DON'T countersink. Make the screws a feature of the sign by using a flatish head Stainless Steel Screw or similar and evenly spacing them around the



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V-Grooving - Alupanel®

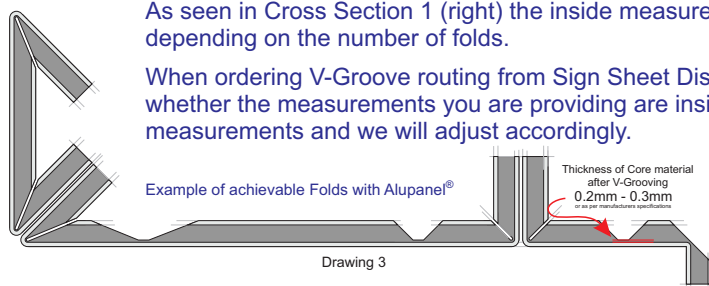
Alupanel® composite panels can be shaped using a very simple processing method called V-Grooving.

The V-Grooving method allows for the Alupanel® sheet to be folded around corners by relief grooving the back of the sheet.

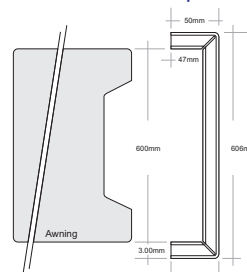
When V-Grooving Alupanel®, a thin layer of the core material should be left at the base of the groove (Drawing 3). The untouched outer cover sheet can now be bent manually, giving an exact and clean folding line which follows the routed groove.

When Designing a panel for V-Grooving, you will need to take into account the thickness of the material. As seen in Cross Section 1 (right) the inside measurement will be 3-6mm different to the outside depending on the number of folds.

When ordering V-Groove routing from Sign Sheet Distributors, please clearly note on all correspondence whether the measurements you are providing are inside or outside measurements and we will adjust accordingly.



When writing the dimensions of V-Groove panels, its best to write as follows where the commas represent the folds.
Folded face , Length , Folded Face X Folded face , Length , Folded Face
50mm , 3000mm , 50mm X 50mm , 600mm , 50mm



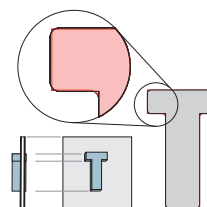
Cross Section. 1

CNC Processing

Sign Sheet Distributors can cnc most products in to just about any shape, numeral or letter.

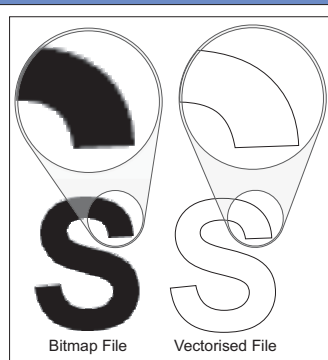
When ordering Letters or shapes to be routed, you will need to supply a vector/line drawing file (EPS, DXF) of what is need to be routed.

When considering Routed Letters that will be inserted through another sheet such as Alupanel® or Acrylic you will need to allow for the corners of the shapes to match. If both parts of the letter are being CNC routed then all corner need to be rounded to suit the Route Bit Size (see Drawing 2).



Drawing 2

FILE REQUIREMENTS



Files must be supplied in vector format. A vectorised file (.EPS & .DXF) is a line drawing. Where as a Bitmap file (.TIF, .JPEG, .BMP, .PNG) are not a single line and cannot be used..



The lines in the Vector File must be continuous, closed lines (or polylines) as the CNC or Laser will follow this path.



Please ensure there are no overlapping or duplicate lines as this can cause the cutting to be incorrect.



Files need to be scaled to
100% FULL SIZE
or CLEARLY NOTED Otherwise

We can help with
Design
AND
File Setup

Contact our team to
discuss your needs

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From humble beginnings..

Sign Sheet Distributors is a leading distributor of substrate panels to the Signage, Graphic, Shop Fitting and Building Industries.

Our family owned and run company was established in 1994 supplying the best possible service to the industry with products such as ALUPANEL®, ACPPro, Signwhite Steel, Flute, Acrylic, Foam PVC and many more, all cut to size as required.

Sign Sheet Distributors is one of the last "Australian" manufacturers of A-Frames and Sign Frames in standard and custom made sizes.

We offer extremely competitive CNC Routing Services to the trade along with offering V-Grooving for folding of ALUPANEL® aluminium composite panel.

Our Delivery service is second to none, delivering Next Business Day in most cases with our own dedicated fleet of trucks to Sydney, Newcastle, Wollongong, Canberra, South East Queensland as well as Auckland New Zealand.

Our friendly staff have extensive product knowledge and strive to keep the industry up to date regarding new and existing products.

Catalogue Legend



Outdoor Product



Lightweight



Protective Film



Indoor Product



Can be Folded



Deemed Non-Combustible



Magnet Compatible



Strong



Fire Rated (GROUP 2)

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