

Sign Sheet Distributors

2017

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

0800 800 699

sales@signsheet.co.nz

KNOWLEDGE
CHOICE
QUALITY
DELIVERY

Sign Sheet Distributors

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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 1995 supplying the best possible service to the industry with products such as ALUPANEL®, ACPro, Signwhite Steel, ProFlute, 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 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



10

Indicates a Indoor recommended product where the number is a suggested life in years.
The number is on an indication of suggested life span and does not represent a warranty or guarantee in anyway



5

Indicates a Outdoor recommended product where the number is a suggested life in years.
The number is on an indication of suggested life span and does not represent a warranty or guarantee in anyway



Indicates the product has a protective film to protect against scratching on one or both faces.

Legal Stuff...

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All sample documentation in this publication are intended as aids for general guidance purposes only and are not intended to be relied upon. Readers must make their own direct inspection of any product.

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ALUPANEL PROFESSIONAL

ALUPANEL® - An internationally recognised product providing pioneering solutions to the Sign, Advertising and Construction markets.

In a highly crowded business environment it is vital to get noticed. From eye catching signage, innovative point of sale displays to highly effective way finding solutions, there is only one all round solution – ALUPANEL.

ALUPANEL is a premium quality 3mm composite panel featuring two 0.30mm Aluminium sheets, sandwiching a Polyethylene core.

Available in one of the widest colour ranges on the market, all standard PE colours come with a 5 year external manufacturers warranty*.



Sizes Available:

1830mm x 1220mm

2440mm x 1220mm

3660mm x 1220mm

3050mm x 1500mm

4050mm x 1500mm

4050mm x 2000mm

ALUPANEL® TRADE PANEL

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.

Available in one of the widest colour ranges on the market, all standard PE colours come with a 5 year external manufacturers warranty*.



Sizes Available:

2440mm x 1220mm

3660mm x 1220mm

3050mm x 1500mm

ACPro COMPOSITE PANEL

ACPro 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 and price is a main concern.

ACPro has exceptional print characteristics.



Sizes Available:

1830mm x 1220mm

2440mm x 1220mm

3050mm x 1500mm

A-LITE Digital ALUPANEL®

Alupanel A-LITE® made using the highest grade materials, a superior Polyethylene core, specially developed Polyurethane paint system and unique easy-peel protective film combined with a 5005 grade alloy skin to provide a panel with superb rigidity and impact resistance whilst ensuring a smooth, flat surface.

Both sides of the panel have an ultra-white Polyurethane matt finish that has been developed specifically for digital and screen printing to help display colours with increased brightness and intensity with the added benefit of greater durability.



Sizes Available:

2440mm x 1220mm

2500mm x 1250mm

3050mm x 1500mm

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ALUPANEL Colour Range

		1830x1220			2440x1220			3050x1220			3660x1220			3050x1500			4050x1500			4050x2000		
		ALUPANEL	ALUPANEL Lite	ACPro	ALUPANEL	ALUPANEL Lite	ACPro	ALUPANEL	ALUPANEL Lite	ACPro	ALUPANEL	ALUPANEL Lite	ACPro	ALUPANEL	ALUPANEL Lite	ACPro	ALUPANEL	ALUPANEL Lite	ACPro	ALUPANEL	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® A-LITE Digital

Face 1 Gloss	Face 2	2440x1220	2500x1250	3050x1500
Ultra-White Matt	Ultra-White Matt			

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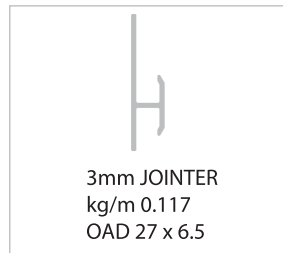
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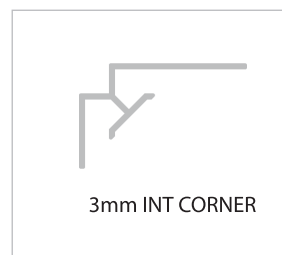
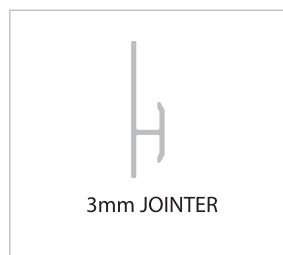
Aluminium Extrusion - Joiners for Alupanel

Sign Sheet Distributors provides range of Aluminium Extrusions for joining Alupanel in the following profiles.



White PVC Joiners for Alupanel

Sign Sheet Distributors provides range of PVC Extrusions in white colour for joining Alupanel in the following profiles.



Banner Track



Sign Sheet Distributors supply banner tracking is used to stretch banner canvas signs on a wall. Usually, a length of 6mm rope is sewn or fixed in to the seam edge of the banner and then slid into the track that is fixed to the wall in the correct position.

Available in 6.0m lengths

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KRITETACK®

Instant Grip Adhesive

Ritetack is a new construction adhesive with excellent INSTANT grab capabilities. Yes that's INSTANT, not fast, not quick but instant!

Ritetack adhesive offers an initial grab of up to 1,000KGS per square metre horizontally and 200KGS per square metre vertically, delivering huge benefits to users in the construction and fabrication industries.

Ritetack construction adhesive eliminates the need for clamping or unsightly fixings in most cases, reduces labour costs and requirements with no waiting time while holding.

Features are as follows:

- Totally FREE of solvents, PVC, Isocyanates & silicone
- Retains its elasticity, is perfect for construction, metal fabrication & automotive bodywork as it can absorb vibrations
- Adheres almost to anything, Stone, timber, metal, aluminum, mirror, plaster, glass, plastic...
- Paintable and odourless
- Totally UV, weather, moisture and mould resistant

INSTANT GRAB
CONSTRUCTION ADHESIVE



Very High Bond Double Sided Solid Acrylic Tape

VHB Double Sided Solid Clear Acrylic Tape represents the pinnacle of double sided tapes, commonly used in the Construction, Sheetmetal Fabrication and Automotive Industries to replace or reduce the use of mechanical fasteners.

No two surfaces are the same. Most require cleaning with IPA prior to application. Some also need to be primed with AP-1 as their surface energy value is too low to be able to achieve a functional bond between surface and adhesive.

AP-1 Adhesion Promoter/Primer improves adhesive bond to low surface energy substrates.

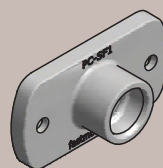
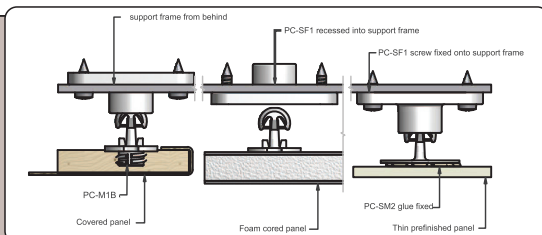
IPA Isopropyl Alcohol Surface Cleaning Solution

Ask your sales representative for further details.



EASE-UP MOUNTS

The EASE-UP panel mounting system is ideal for removable ceiling and wall panels. All clips are interchangeable with each other, to create a hidden fixing system that allows for flexing and expansion of the panel and support frame.



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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.



20



15



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



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.



20



15

	Raw Gal	
	1.00mm Thickness	1.20mm Thickness
1800x1200		
2400x1200		
3050x1200		
3600x1200		

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.



20



15



- 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

Aluminium - 5052 H38 Mill Finish

Sign Sheet Distributors supplies Aluminium Alloy 5052 H38 which is produced under Australian Standard A.S.1734 and is suitable for use in the Road Signage Industry.

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



20



15



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

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

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

Aluminium - Clear Anodised

Sign Sheet Distributors supplies Aluminium Alloy in a clear anodised finish suitable for all applications including signage.



15



- Corrosion Resistance - Excellent
- Formability - Good
- Machinability - Fair
- Weldability - Excellent

Thicknesses
1.2mm, 1.6mm, 3.0mm

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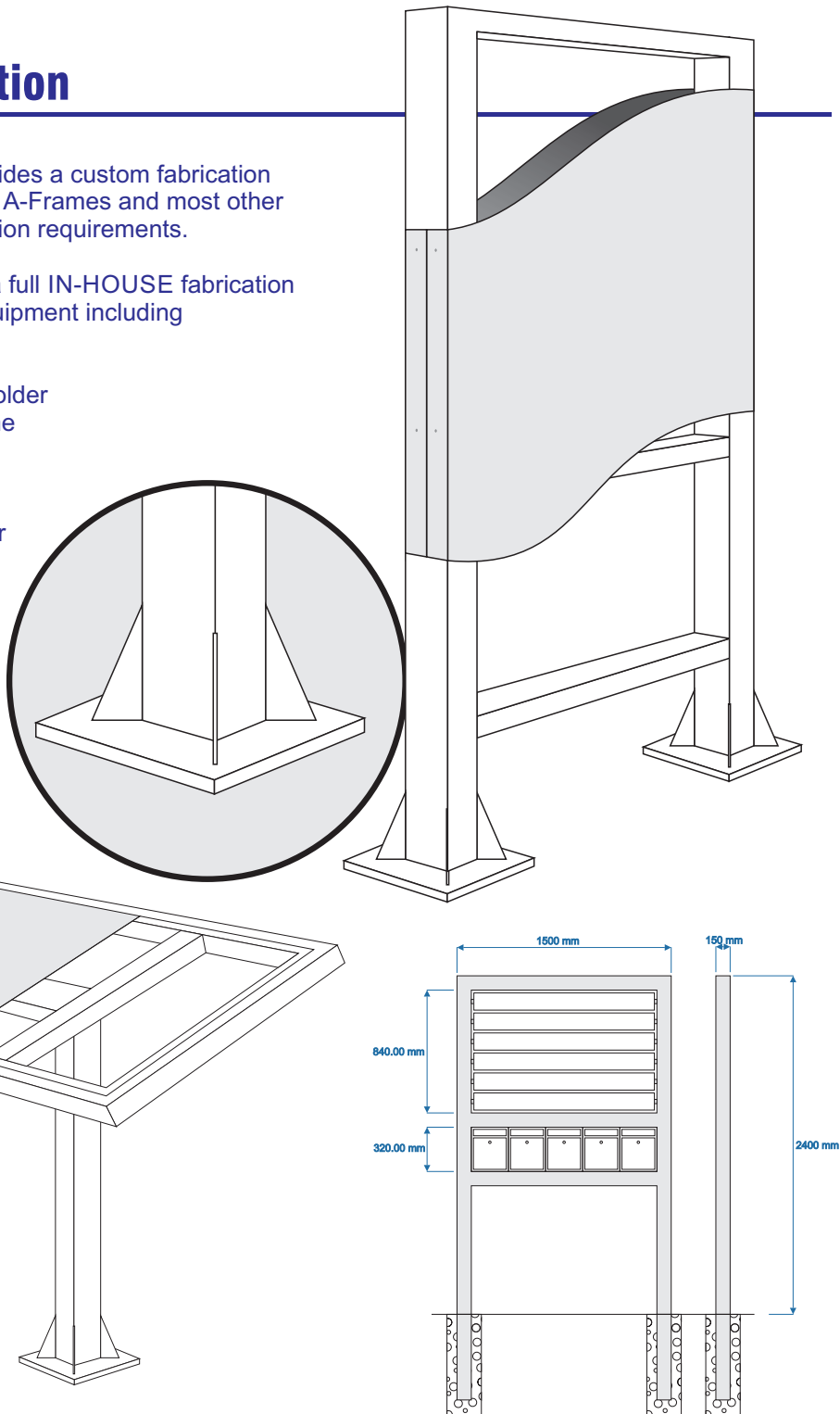
Custom Fabrication

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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ProFlute - 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.

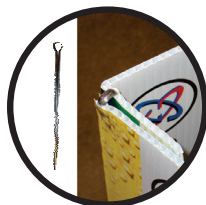


	2440 x 1220		2440 x 915		1830 x 1220		1830 x 915		1220 x 915		915 x 610		900 x 600	
	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm	8.00mm	3.00mm	5.00mm
White														
Colours														



Coro Claw Flute Cutters for 3.0mm & 4-6mm

- Hand-held flute cutter for corrugated polypropylene such as Corflute®.
- Unique Blade & Ergonomically designed handle for effortless cutting.
- Score with outer prong and cut with inner prong.
- Replaceable blades.
- Most economical flute cutter on the market.
- Every sign shop should have at least one.



Coro-Pins:

- Coro-Pins are designed to slip into the flutes of Fluted Polypropylene similar to Corflute® to easily connect pieces together.
- Loop designed on top to easily suspend signs made from Fluted Polypropylene.
- You can make a one sided or two sided sign out of one sheet of Fluted Polypropylene.
- Score Fluted Polypropylene to make 3 or 4 sided, free standing columns.
- Easily make POP displays, free standing and portable signs.

ALUFLUTE® By ALUPANEL



ALUFLUTE features a corrugated plastic core sandwiched between two 0.30mm aluminium skins that are coated with a superior polyester paint finish. This innovative core structure produces a strong lightweight panel, offering easy handling and providing maximum strength and stability.

ALUFLUTE panels are rigid, easy to install and can be easily fabricated for folding and forming and they are much lighter than standard Aluminium Composite Panels.

Available in 5.00mm, 6.00mm and 10.00mm thicknesses.



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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 so 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															
Colours															



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.

For more information
and availability please call..

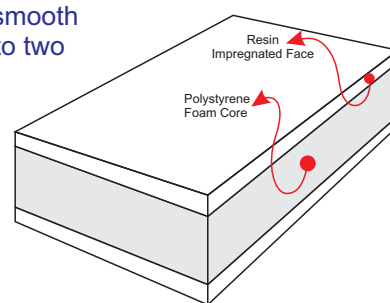
Sheet Size: 2440mm x 1220mm

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

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.



Painting ✓
Laminating ✓
Screen Printing ✓
Internal Signage ✓
Direct UV Printing ✓
Cutting & CNC Routing ✓

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

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ACRYLIC - CAST



7



5

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	2.00mm	3.00mm	4.50mm	6.00mm	2.00mm	3.00mm	4.50mm	6.00mm
Opal															
Clear															
White															
Black															
Colours															
Flouro															

POLYCARBONATE



7



5

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						2440x1830					3050x2030				
	2.00mm	3.00mm	4.50mm	6.00mm	9.50mm	20.00mm	2.00mm	3.00mm	4.50mm	6.00mm	10.00mm	2.00mm	3.00mm	4.50mm	6.00mm	10.00mm
Opal																
Clear																

POLYSTYRENE FOAM



7



3

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				
100.00mm	50.00mm	25.00mm	18.00mm	10.00mm

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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.

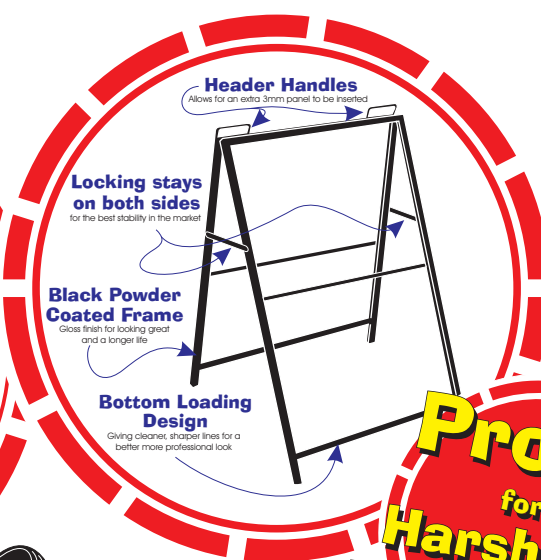
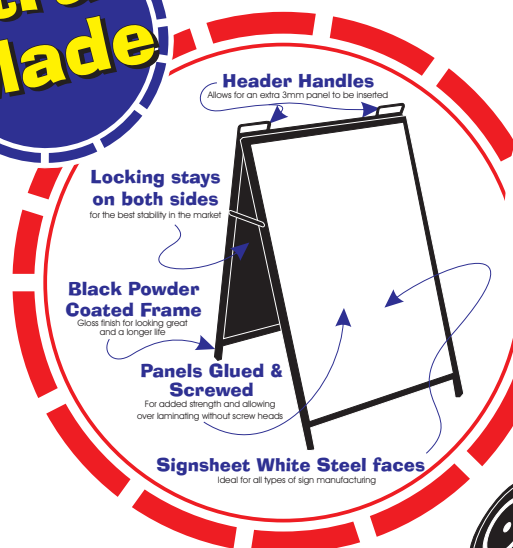
The Frame accommodates panels up to 5.0mm thick to be inserted into the frame quickly and easily via our unique bottom load system which keeps the look of the frame as clean as possible.

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



**Australian
Made**



**Wheels, Chains
and Custom Sizes available.**

**Proven
for the
Harshest of
Environments**

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Wire Lawn Spikes in Powder Coated Galvanised Wire

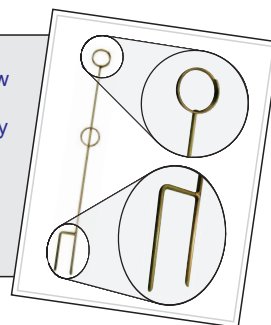
Made from a quality galvanised steel wire, powder coated in a black to suit a 5.0mm thick ProFlute (Flute Polypropylene) up to 600mm x 600mm in size. (ProFlute extra)

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

Pigtail ProFlute Spikes Anti-Rust Zinc Plated

Pigtail ProFlute 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 ProFlute (Flute Polypropylene) 900mm x 600mm in size. (ProFlute 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

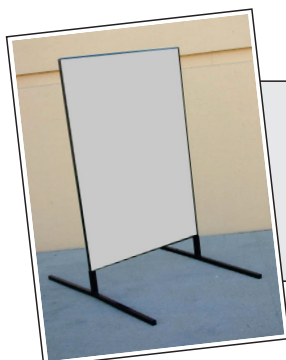
Made from a quality Galvanised steel tube frame powder coated in a hard wearing black powder coating.

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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WEATHERTEX

WeatherTex™ Signboard is an exterior grade wood fibre building board with a factory applied primer coating on all surfaces. It is manufactured in Australia to comply with the requirements for Exterior Hardboard in AS/NZS 1859.4:1997 Hardboard.

WeatherTex™ Signboard is 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.

As WeatherTex™ Signboard is made from wood it is easy to cut, machine, router and shape with normal woodworking tools or machinery. It can be simply nailed or screwed to timber frames or screwed to metal. A PVC joint trimmer is available for joining sheets edge to edge.



Sizes Available

- 2440mm x 1220mm

Typical uses:

- Advertising Boards
- Notice Boards and Displays
- Wall and Façade Claddings
- Construction Site Hoardings
- Sporting Complexes
- Silhouette Profiles

PlyGloss - Pre-painted Plywood

PlyGloss is a high quality prefinished sign base, based on high specification exterior plywood signply.

Single Sided has a medium density [resin impregnated paper] overlay face providing a high quality paintable surface, with a high density [resin impregnated paper] overlay back, providing an impervious weather seal.

The painted face surface[s] is spray coated with a 2 pack urethane finish coat, over a systematic undercoat.



	2440x1220 Single Sided				2440x1220 Double Sided			
	8.00mm	10.00mm	12.00mm	18.00mm	8.00mm	10.00mm	12.00mm	18.00mm
White	To Order	To Order	To Order	To Order	To Order	To Order	To Order	To Order
Black	To Order	To Order	To Order	To Order	To Order	To Order	To Order	To Order
Colours	To Order	To Order	To Order	To Order	To Order	To Order	To Order	To Order

Minimum Order Quantities apply

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

All other Timber Products

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	Product	Length	x	Width	x	Thickness	x	Density (grams/cubic cm)	=	Weight KG
OUTDOOR	SignGloss	2.400	x	1.200	x	10.00	x	0.580	=	16.70
	WeatherTex	2.440	x	1.220	x	9.50	x	1.410	=	39.87
	WeatherTex	3.660	x	1.220	x	9.50	x	1.410	=	59.81
	Alupanel	1.830	x	1.220	x	3.00	x	1.125	=	7.54
	Alupanel	2.440	x	1.220	x	3.00	x	1.125	=	10.05
	Alupanel	3.050	x	1.220	x	3.00	x	1.125	=	12.56
	Alupanel	3.660	x	1.220	x	3.00	x	1.125	=	15.07
	Alupanel	3.050	x	1.500	x	3.00	x	1.125	=	15.44
	Alupanel	4.050	x	1.500	x	3.00	x	1.125	=	20.50
	Alupanel	4.050	x	2.000	x	3.00	x	1.125	=	27.34
	Signsheet Steel	1.800	x	1.200	x	0.55	x	8.170	=	9.71
	Signsheet Steel	2.400	x	1.200	x	0.55	x	8.170	=	12.94
	Signsheet Steel	3.050	x	1.200	x	0.55	x	8.170	=	16.45
	Signsheet Steel	3.600	x	1.200	x	0.55	x	8.170	=	19.41
	Signsheet Steel	1.800	x	1.200	x	0.80	x	8.170	=	14.12
	Signsheet Steel	2.400	x	1.200	x	0.80	x	8.170	=	18.82
	Signsheet Steel	3.050	x	1.200	x	0.80	x	8.170	=	23.92
	Signsheet Steel	3.600	x	1.200	x	0.80	x	8.170	=	28.24
	Aluminium	2.400	x	1.200	x	0.60	x	2.700	=	4.67
	Aluminium	2.400	x	1.200	x	1.00	x	2.700	=	7.78
	Aluminium	2.400	x	1.200	x	1.20	x	2.700	=	9.33
	Aluminium	2.400	x	1.200	x	1.60	x	2.700	=	12.44
	Aluminium	2.400	x	1.200	x	2.00	x	2.700	=	15.55
	Aluminium	2.400	x	1.200	x	3.00	x	2.700	=	23.33
	Acrylic	2.440	x	1.220	x	2.00	x	1.190	=	7.08
	Acrylic	2.440	x	1.220	x	3.00	x	1.190	=	10.63
	Acrylic	2.440	x	1.220	x	4.50	x	1.190	=	15.94
	Acrylic	2.440	x	1.220	x	6.00	x	1.190	=	21.25
	Acrylic	2.440	x	1.220	x	10.00	x	1.190	=	35.42
INDOOR OR SHORT TERM OUTDOOR	Celuka	2.440	x	1.220	x	10.00	x	0.550	=	16.37
	Celuka	3.000	x	1.560	x	10.00	x	0.550	=	25.74
	Multi Foam PVC	2.440	x	1.220	x	1.00	x	0.700	=	2.08
	Multi Foam PVC	2.440	x	1.220	x	2.00	x	0.700	=	4.17
	Multi Foam PVC	2.440	x	1.220	x	3.00	x	0.700	=	6.25
	Multi Foam PVC	3.050	x	1.560	x	3.00	x	0.700	=	9.99
	Multi Foam PVC	2.440	x	1.220	x	6.00	x	0.550	=	9.82
	Multi Foam PVC	2.440	x	1.220	x	10.00	x	0.550	=	16.37
	Multi Foam PVC	3.050	x	1.560	x	10.00	x	0.550	=	26.17
	Corute	2.440	x	1.220	x	3.00	x	0.170	=	1.52
INDOOR ONLY	Corute	2.440	x	1.220	x	5.00	x	0.181	=	2.69
	MDF Board	2.440	x	1.220	x	3.00	x	0.700	=	6.25
	MDF Board	2.440	x	1.220	x	6.00	x	0.700	=	12.50
	MDF Board	2.440	x	1.220	x	9.00	x	0.700	=	18.75
	MDF Board	2.440	x	1.220	x	12.00	x	0.700	=	25.01
	MDF Board	2.440	x	1.220	x	16.00	x	0.700	=	33.34
	MDF Board	2.440	x	1.220	x	18.00	x	0.700	=	37.51
	MDF Board	2.440	x	1.220	x	25.00	x	0.700	=	52.09
	MDF Board	2.440	x	1.220	x	32.00	x	0.700	=	66.68

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Guillotine Cutting - Metals and Alloys

Sign Sheet Distributors offers a professional In-House Guillotine cutting service for the following materials up to 3.6m long.

- Sign Sheet Steel
- Aluminium
- Alupanel Aluminium Composite Material
- Galvanised Steel Sheet
- Zincaneal Sheet

Guillotine Cutting is usually processed for the next Business Day

Panel Saw - Timber and Composite

Sign Sheet Distributors offers a professional In-House Panel Saw Cutting Service for the following materials,

- Alupanel Aluminium Composite Material
- Plywood
- MDF
- Weathertex
- Plastics (e.g. Acrylic and Polycarbonate)

Panel Saw Cutting is usually processed for the next Business Day

Corner and Hole Punching

Sign Sheet Distributors offers a professional In-House Hole Punching and Corner Cutting service for the following materials,

- Sign Sheet Steel
- Aluminium
- Alupanel Aluminium Composite Material
- Galvanised Steel Sheet
- Zincaneal Sheet

Corner Radius Sizes available..
9.0mm, 12.0mm, 18.0mm & 30.0mm

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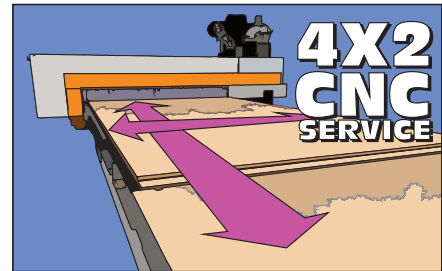
CNC Routing Trade service

Sign Sheet Distributors offers a professional In-House CNC Router Cutting Service for all materials except steel that are supplied by Sign Sheet Distributors.

Sign Sheet Distributors has two CNC Routers which have a capacity of routing up to a massive 4.3m x 2.2m area in one piece.

Sign Sheet Distributors have very skilled and experienced operators allowing very fast turn around on all CNC projects

CNC Router Cutting is usually processed within 2 Business Days from confirmed order.

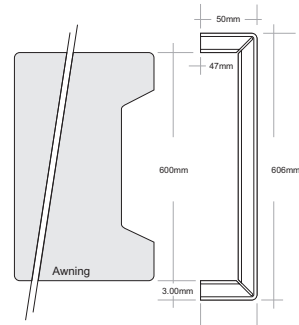


V-Grooving

V-Grooving is for Alupanel and allows for the sheet to be folded around corners by relief grooving the back of the sheet.

When Considering V-Grooving of Alupanel, 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 make note whether the measurements you are providing are inside or outside measurements and we will adjust accordingly.



Cross Section. 1

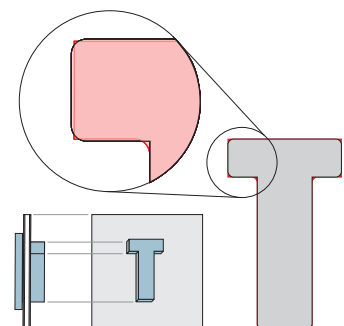
Letter Routing

Sign Sheet Distributors can route 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 (see Drawing 2).

Sign Sheet Distributors has a design service with systems and software in place to assist in setting up the files and drawings for routing, Please call our friendly staff to discuss your needs.



Drawing 2

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Alupanel Letter Routing WITH ROLLED EDGES

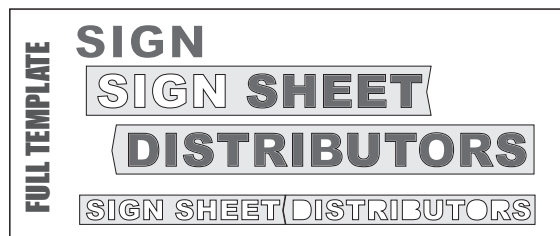
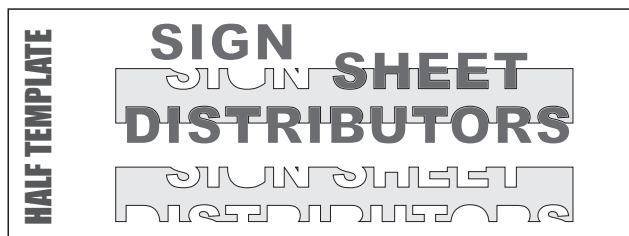
Sign Sheet Distributors now provide unique and exclusive Alupanel Routed Letters with rolled (covered) letter edges. This means that the raw cut edge of Alupanel is covered giving the letter a unique continuous face to edge look and feel providing a superior quality product.

	Alupanel WITH ROLLED LETTER EDGES		
Letter Height	White & Colours	Brushed	Mirror
150.00	\$ 21.30	\$ 23.60	\$ 28.20
200.00	\$ 23.20	\$ 25.80	\$ 31.40
250.00	\$ 25.70	\$ 28.80	\$ 35.30
300.00	\$ 26.50	\$ 29.70	\$ 36.30
350.00	\$ 27.00	\$ 30.10	\$ 36.60
400.00	\$ 31.80	\$ 35.80	\$ 44.10
500.00	\$ 42.60	\$ 48.70	\$ 61.40
600.00	\$ 54.40	\$ 63.00	\$ 80.90
700.00	\$ 67.00	\$ 78.40	\$ 102.20
800.00	\$ 80.40	\$ 95.00	\$ 125.30
900.00	\$ 94.50	\$ 112.50	\$ 149.90
1000.00	\$ 109.20	\$ 130.80	\$ 175.90
1100.00	\$ 124.30	\$ 149.90	\$ 203.00
1200.00	\$ 156.10	\$ 191.60	\$ 265.40



Letter Routing - Lay Up Template Service

Sign Sheet Distributors offer a layout template service when routing letters. This is where we route a negative of the lettering as it will appear in the sign to allow a laying up template. This will predominately be from a thin MDF panel but in some smaller job sizes, this may be in the substrate used for the letters.



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With a low cost investment, the V-Alu Blade will save you time and money both in your workshop and on site by allowing you to groove Aluminium Composite with just a 5 minute setup time.

Being a saw blade the V-Alu Blade is significantly easier to control compared to other manual grooving systems.

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Sign Sheet Corner Cutters



Corner Cutter Table

(Cutting Unit not included)

The Sign Sheet Corner Cutter is a cornering system designed with a capacity flexible plastics up to 8.00mm and will accommodate 1.2mm Aluminum, 0.8mm Signwhite Steel and other medium weight materials.

The Sign Sheet Corner Cutter table features a controlled action roller that moves up and down in a fixed vertical plane like a press. The table is shown opposite with a cutting unit.



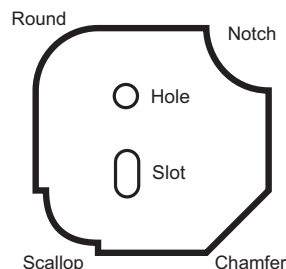
Corner Cutting Unit

Cutting Units are available in a range of shapes and sizes. Each cutting unit is sold separately and some will need an adapter plate to be used on the Cutter Table.

6mm Round (adapter plate req.)
12mm Round
18mm Round
25mm Round

6mm Scallop (adapter plate req.)
12mm Scallop (adapter plate req.)

3.18mm x 14.31mm Slot (adapter plate req.)
6.35mm x 12.70mm Slot



6mm Notch (adapter plate req.)
12mm Notch (adapter plate req.)
18mm Notch (adapter plate req.)
25mm Notch (adapter plate req.)

6mm Chamfer (adapter plate req.)

2.37mm Hole (adapter plate req.)
3.18mm Hole (adapter plate req.)
4.77mm Hole (adapter plate req.)

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Installation

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.

Ritetack 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.

Ritetack 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 Ritetack.**

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.**

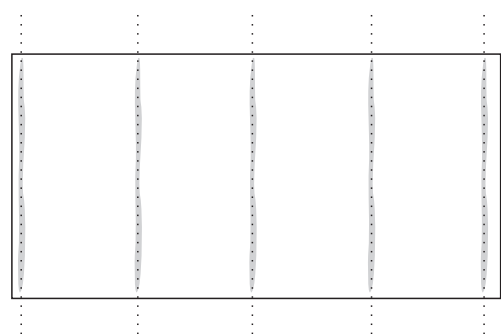
- **With partially used tubes, allow the adhesive to cure in the nozzle.**

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 Ritetack per 2440x1220 panel.

This information has been provided by Ritetack.

Installation

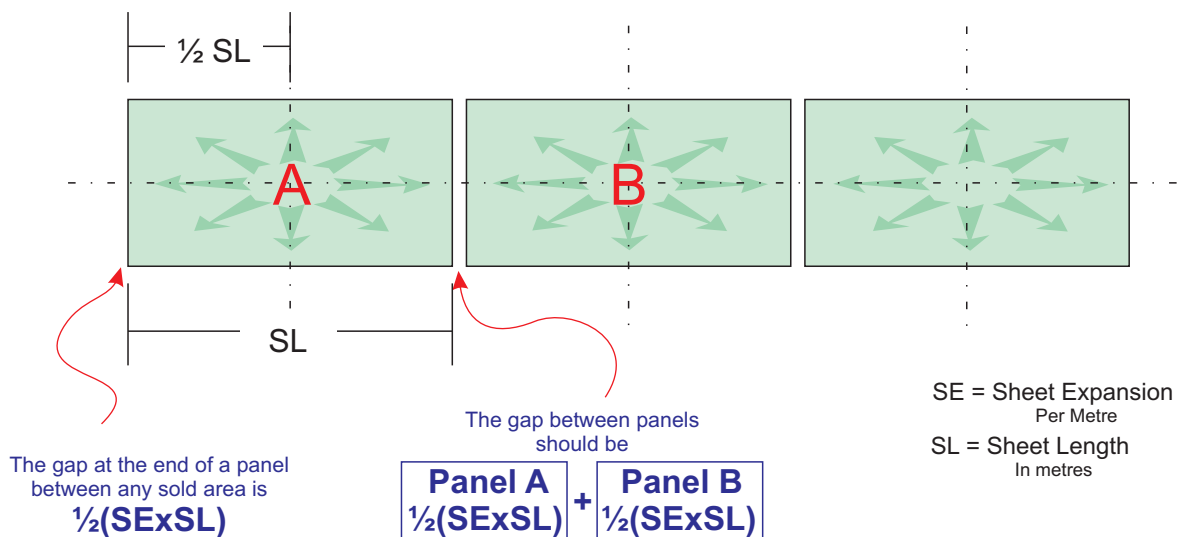
A word on thermal and moisture expansion...

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 2.4mm + 2.4mm = 4.8mm

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 of the wall...

Top view of panels



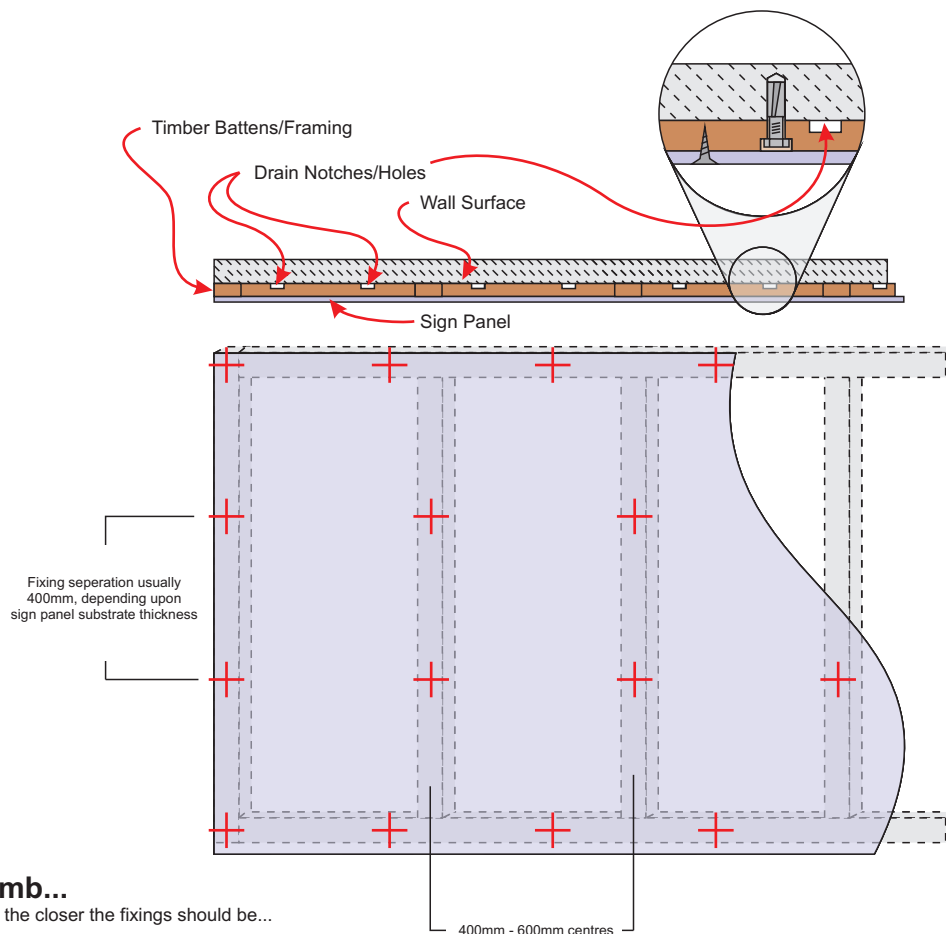
Installation

Fixing to wall or existing flat surfaces

To obtain the best results when fixing to masonry walls (Brick, Block, and Concrete), you should always try to fix the sign to a frame or battens mounted on the wall or surface.

When timber frames or battens are used in masonry wall installations, it allows fasteners to move slightly during expansion and contraction cycle of the sign panels. This is because, Masonry is very hard and unforgiving and the timber battens being generally softer allow for some slight movement of the fasteners inturn allowing the sign panel to expand and contract without undue resistance. The result of not allowing for movement from expansion and contraction of the sign panel may be issues like fasteners failing (sheering or bending, and or pulling out of fasteners) and deformation of sign panels.

When using Battens of framing in this situation, you should allow drainage notches or holes avoiding wood rot or steel from rusting due to water pooling.



The rule of thumb...

The thinner the panel, the closer the fixings should be...

Panel Thickness	Screw Size	Fixing Distance
3mm - 10mm	20mm - 35mm	300mm - 400mm
10mm - 17mm	40mm - 60mm	400mm - 500mm
Above 17mm	55mm - 75mm	400mm - 600mm

Where battens or framing is not possible, you should consider very carefully the differences in the expansion/contraction rates of the sign panel and the surface on to which you are fixing it to. Failure to address this issue can result in some very ugly and even dangerous issues some of which have been outlined above..

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