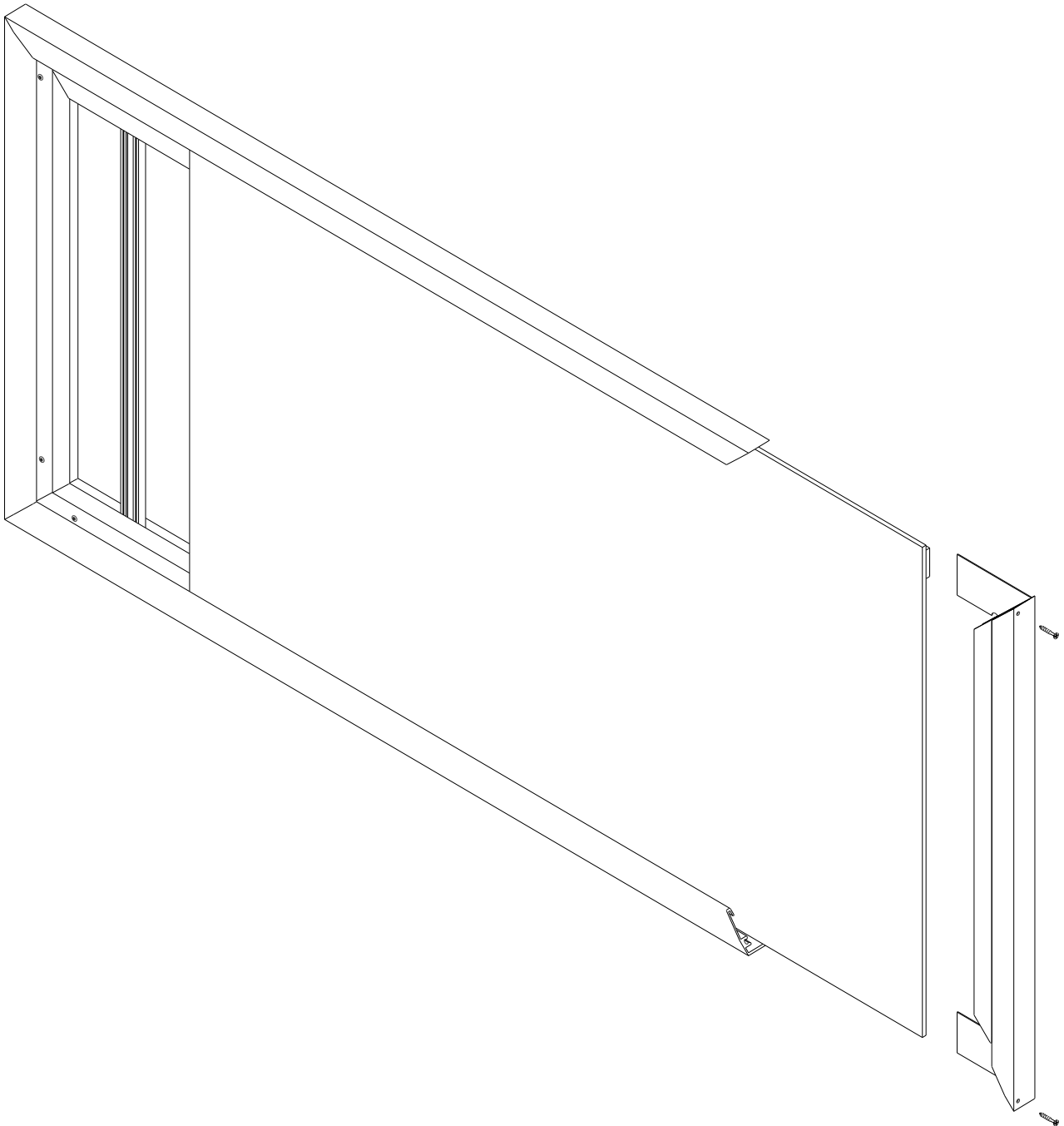


Self Build Sign System



Technical Specification & Codes

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

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SIGN FRAME SIGN SYSTEMS

A Sign Frame (commonly referred to as Panatrim) is an extruded aluminium system. Simple to manufacture and install, sign frames have become a staple of the sign industry. Four individual lengths of extrusion with mitres at each end assemble to create a frame that offers Signmakers a relatively low budget method of enhancing the aesthetics of any sign blank.

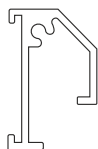
Within the range there are eight profiles each with its own variance in style, shape and size; and each with its own unique set of benefits specific to different applications and circumstances.

All components are available on a same working day despatch.

As an alternative to a Self Build Sign System, these units can be supplied fully assembled but partially finished, powder coated to one of 107 stock RAL colours or fully finished complete with panels and graphics applied.

Please note that all prices are supplied in component form only, carriage charges and VAT have not been included.

Ashby Trade Sign Supplies is a manufacturer, designer and distributor of signage systems. Open longer for our customers' convenience, our products can be purchased either as components, partly finished or fully finished systems.



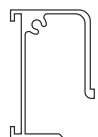
PETITE COMPONENTS

At a profile size of just 16mm, the Petite frame is the smallest profile of the seven frames on offer. Designed for panels up to 450mm deep, they are ideal for covering shutter boxes whilst being neat enough for use as a door sign surround. Suitable for taking a panel thickness of up to 6mm.



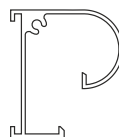
UNITRIM COMPONENTS

The most similar product to Panatrim in terms of profile, shape and size. Designed to accept either front or rear hanging rails (for side insertion or lift and drop insertion of a panel), it's square shape often appeals when straight lines and uniformity suit the customer or project.



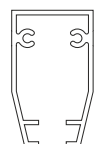
ORIGINAL COMPONENTS

Original Frame is similar in profile, size and shape to the Unitrim Frame in that the corners have been softened to offer a variance in the range. We recommend the frame height not exceed 1000mm.



BULLNOSE COMPONENTS

A similar profile size to Unitrim and Original Frame, the Bullnose frame features a large convex curve. It's accentuated frame lends itself to pub signage. We recommend the frame height not exceed 1000mm.



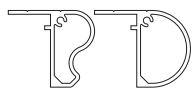
EDGE LIGHTER COMPONENTS

Designed as a double-sided frame, Edgelighter can be used in conjunction with LED ribbon and acrylic to offer an edge-lit sign system. The maximum insert size is 10mm so will accommodate two 5mm panels.



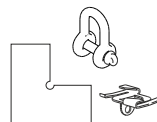
ULTIMATE COMPONENTS

Ultimate frame has all the profile attributes of Unitrim frame but included in the design is a pocket that can accept struts to offer rigidity over a larger area. Ideal for when strength and size are a necessity, the struts also double up as good fixing points for when mounting onto a smaller fascia.



PUB FRAME COMPONENTS

The Pub Sign Frame comprises Ogee and Bullnose frame profiles. Designed for use in pub and brewery settings, channel can be fixed to the substrate to enable a post mounted sign system. Additionally, angle can be used to fix Pub Frame to walls, with the substrate sitting inside (as with other profiles). Pub Frame features a rounded profile with an ornate finish.



FIXINGS

A comprehensive list of all non-specific system components that are used throughout the range.

All Items sold are subject to the Standard Trading Terms of **Ashby Trade Sign Supplies Ltd.**
Copy on request or viewable at www.ashbytrade.net

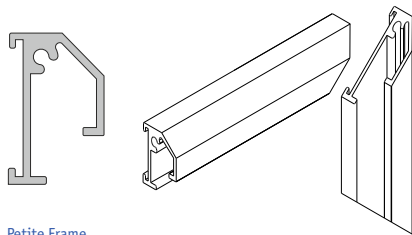
Prices are correct at the time of printing and may be subject to change.

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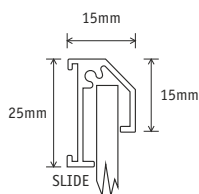
Paint References
White is Ral 9016 (Traffic White)



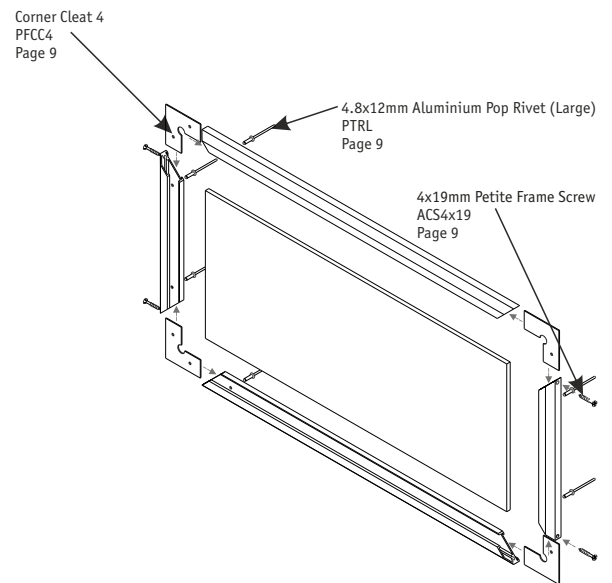


Petite Frame
PFPETE5.0/W5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Petite Frame	PFPETE5.0	ALUMINIUM	Anodised	5m
Dimensions: 16mm x 25mm	PFPETEW5.0	6063T6	White	5m

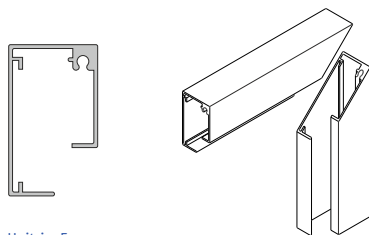


SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
SLIDE	-12mm	-12mm	N/A	5mm



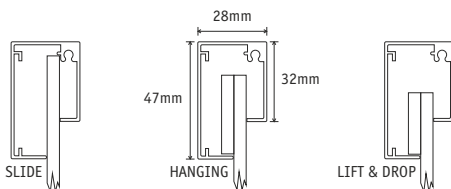
Sign Fixing Requirements
 4x Corner Cleat 4 (PFCC4)
 6x 4.8x12mm Aluminium Pop Rivet (PTRL)
 4x 4x19mm Petite Frame Screw (ACS4x19)

UNITRIM FRAME COMPONENTS



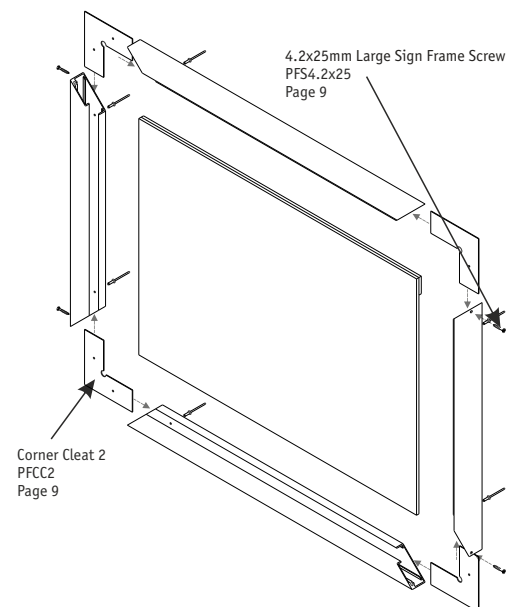
Unitrim Frame
PFUNIEA5.0/W5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Unitrim Frame	PFUNIEA5.0	ALUMINIUM	Anodised	5m
Dimensions: 28mm x 47mm	PFUNIEW5.0	6063T6	White	5m



SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
SLIDE	-11mm	-11mm	N/A	5mm
HANGING	-15mm	-19mm	32mm level	5mm
LIFT & DROP	-15mm	-38mm	25mm level	5mm

Page 11 illustrates the difference between Hanging and Lift & Drop fixing methods.



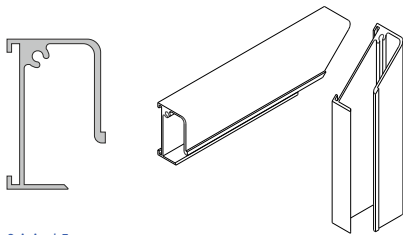
Sign Fixing Requirements
 4x Corner Cleat 2 (PFCC2)
 6x 4.8x12mm Aluminium Pop Rivet (PTRL)
 4x 4.2x25mm Large Sign Frame Screw (MCS4.2x25)

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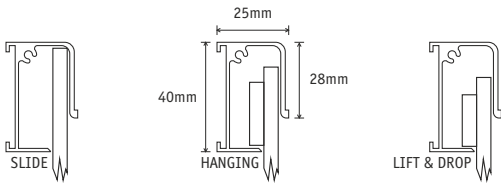
Tools required to cut the sign frame extrusion & join the extrusion parts together.





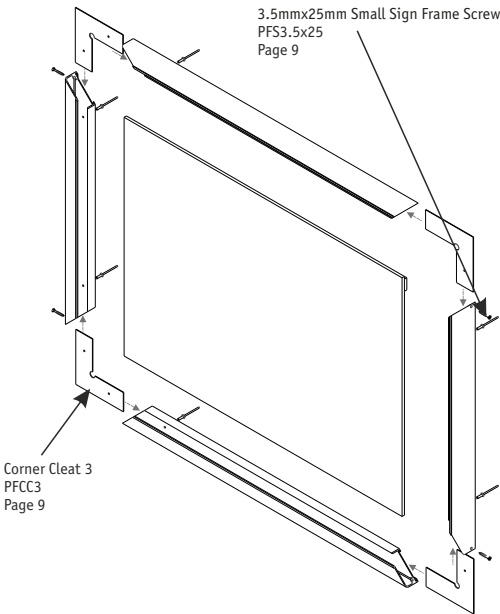
Original Frame
PFORIEM5.0/W5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Original Frame	PFORIEM5.0	ALUMINIUM	Mill Finish	5m
Dimensions: 25mm x 40mm	PFORIEW5.0	6063T6	White	5m



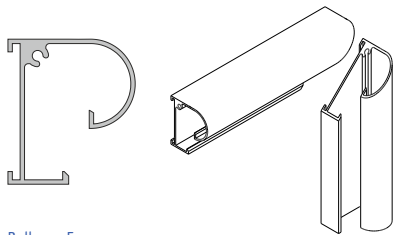
SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
SLIDE	-5mm	-5mm	N/A	5mm
HANGING	-15mm	-15mm	22mm set down 5mm	5mm
LIFT & DROP	-15mm	-31mm	18mm set down 6mm	5mm

Page 11 illustrates the difference between Hanging and Lift & Drop fixing methods.



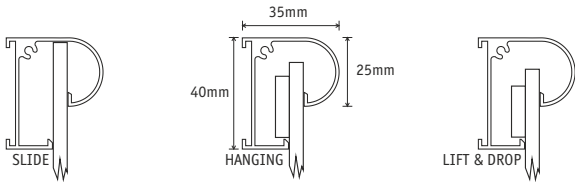
Sign Fixing Requirements
4x Corner Cleat 3 (PFCC3)
6x 4.8x12mm Aluminium Pop Rivet (PTRL)
4x 3.5mmx25mm Small Sign Frame Screw (PFS3.5x25)

BULLNOSE FRAME COMPONENTS



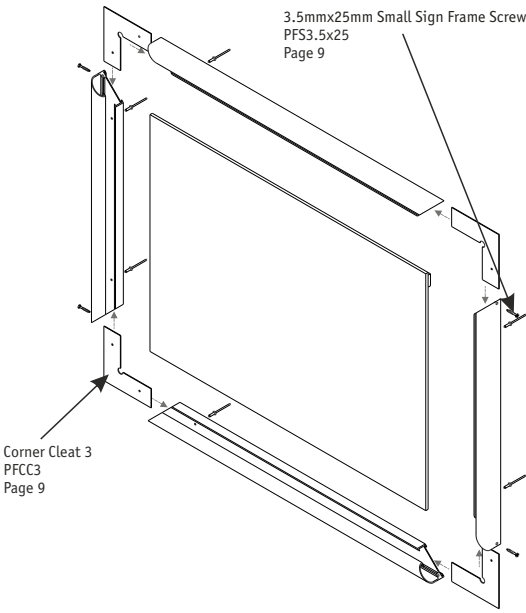
Bullnose Frame
PFBULEA5.0/W5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Bullnose Frame	PFBULEA5.0	ALUMINIUM	Anodised	5.0m
Dimensions: 35mm x 40mm	PFBULEW5.0	6063T6	White	5.0m



SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
SLIDE	-5mm	-5mm	N/A	5mm
HANGING	-15mm	-15mm	22mm set down 5mm	5mm
LIFT & DROP	-15mm	-28mm	18mm set down 6mm	5mm

Page 11 illustrates the difference between Hanging and Lift & Drop fixing methods.



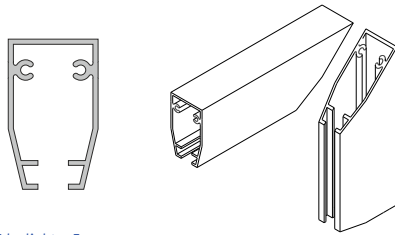
Sign Fixing Requirements
4x Corner Cleat 3 (PFCC3)
6x 4.8x12mm Aluminium Pop Rivet (PTRL)
4x 3.5mmx25mm Small Sign Frame Screw (PFS3.5x25)

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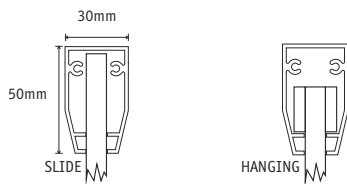
Tools required to cut the sign frame extrusion & join the extrusion parts together.





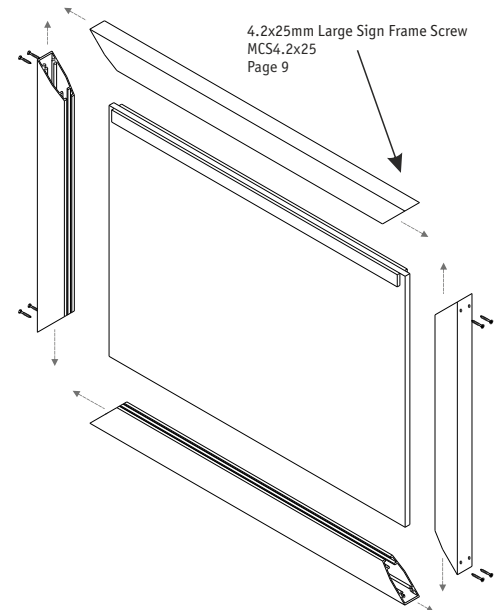
Edgelighter Frame
PFEDGEA5.0/W5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Edgelighter Frame	PFEDGEA5.0	ALUMINIUM	Anodised	5.0m
Dimensions: 28mm x 47mm	PFEDGEW5.0	6063T6	White	5.0m

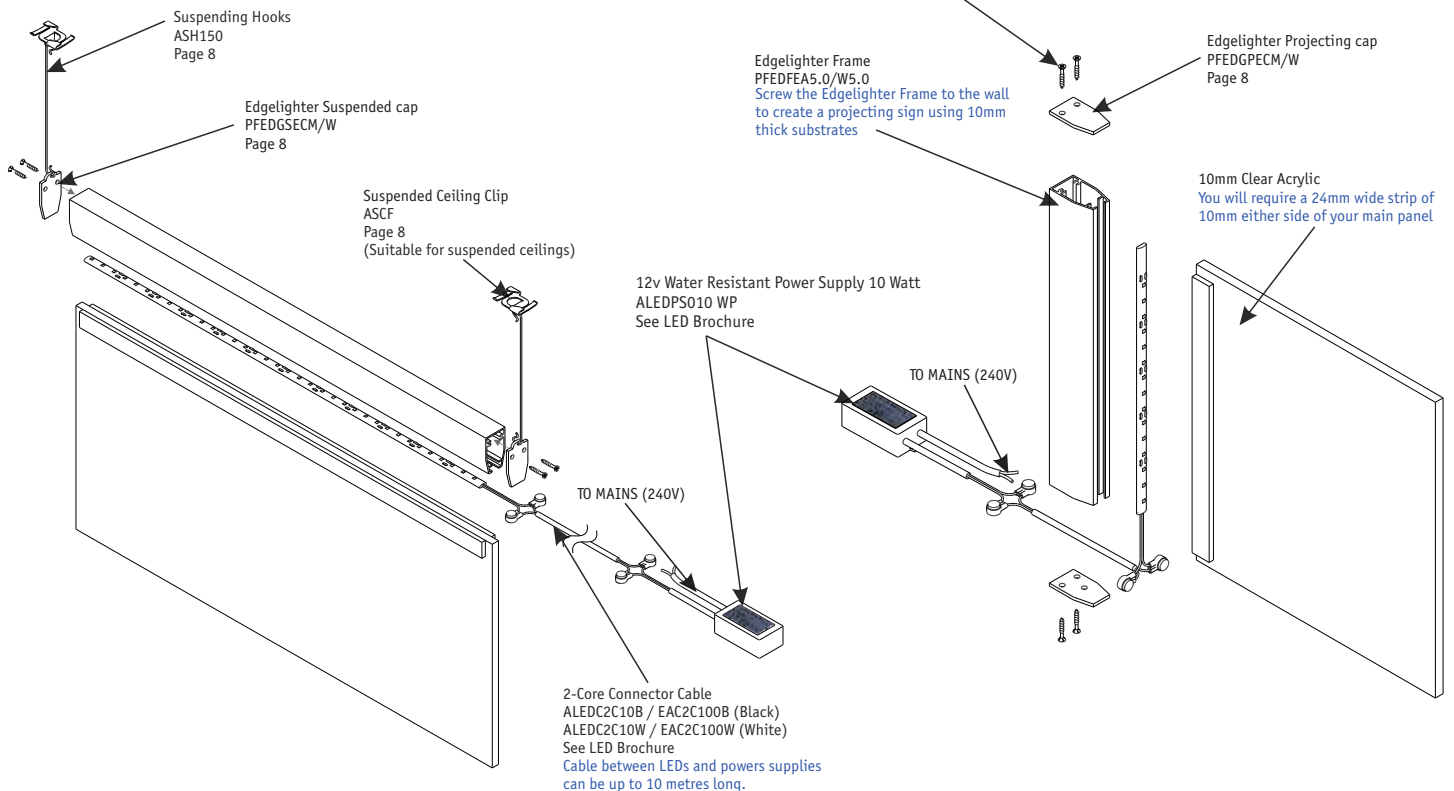


SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
SLIDE	-6mm	-6mm	N/A	10mm
HANGING	-36mm	-36mm	20mm level	10mm

Page 11 illustrates the difference between Hanging and Lift & Drop fixing methods.



Sign Fixing Requirements
8x 4.2x25mm Large Sign Frame Screw (MCS4.2x25)



Sign Fixing Components

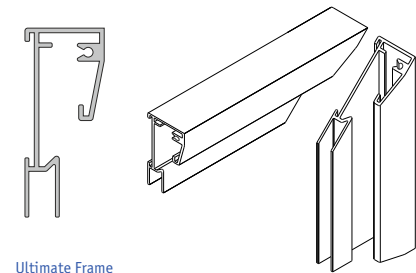
- 4x 4.2x25mm Large Sign Frame Screw (MCS4.2x25)
- 2x Edgelight Suspended End Caps (PFEDGSECM/W)
- 2x Suspend Hooks (ASH150)
- 2x Suspended Ceiling Clip (ASCF)

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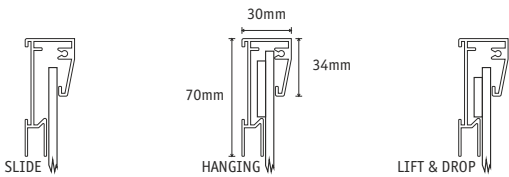
Tools required to cut the sign frame extrusion & join the extrusion parts together.





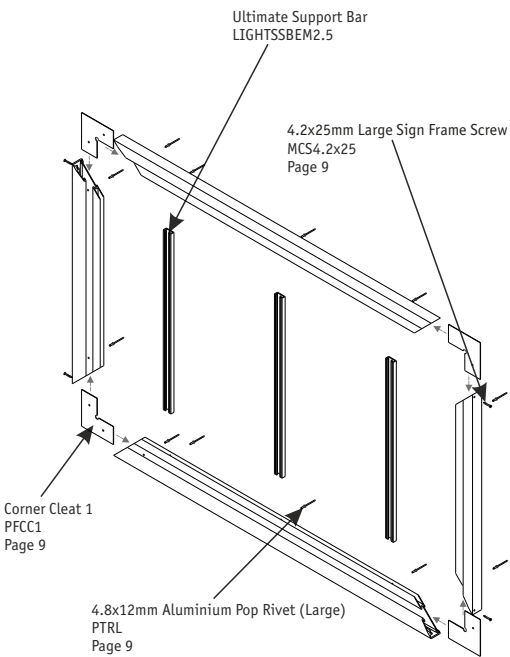
Ultimate Frame
PFULTEA5.0/W5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Ultimate Frame	PFULTEA5.0	ALUMINIUM	Anodised	5.0m
Dimensions: 30mm x 70mm	PFULTEW5.0	6063T6	White	5.0m

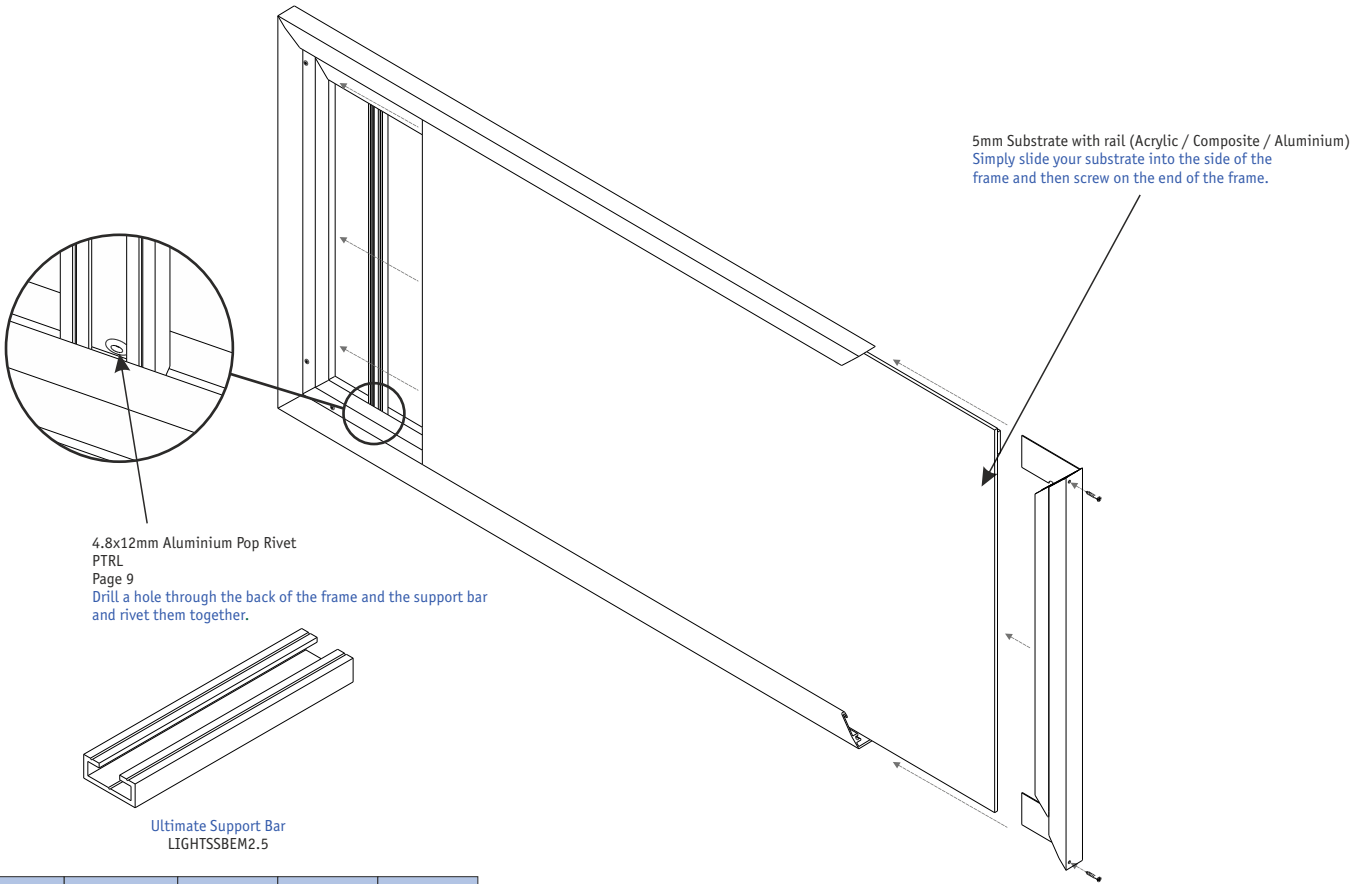


SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
SLIDE	-5mm	-5mm	N/A	5mm
HANGING	-15mm	-15mm	34mm set down 6mm	5mm
LIFT & DROP	-15mm	-38mm	24mm set down 6mm	5mm

Page 11 illustrates the difference between Hanging and Lift & Drop fixing methods.

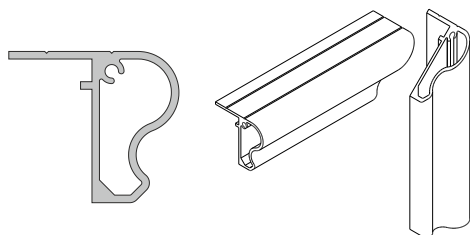


Sign Fixing Requirements
4x Corner Cleat 1 (PFCC1)
12x 4.8x12mm Aluminium Pop Rivet (PTRL)
2x 4.2x25mm Large Sign Frame Screw (MCS4.2x25)



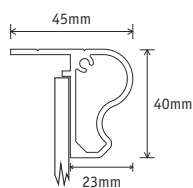
PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Ultimate Support Bar	LIGHTSSBEM2.5	ALUMINIUM	Mill Finish	2.5m
Dimensions: 25mm x 10mm		6063T6		

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

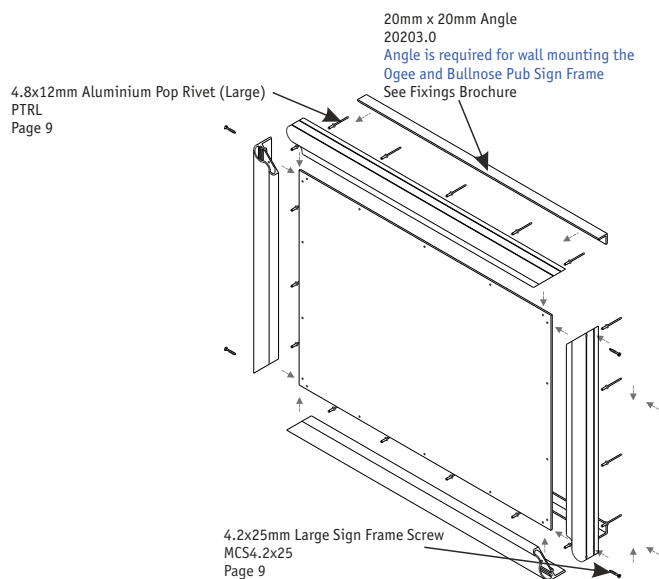


Ogee Pub Frame
PFOPFEM5.0/PFOPFEW5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Ogee Pub Frame	PFOPFEW5.0	ALUMINIUM	White	5m
Dimensions: 45mm x 40mm	PFOPFEA5.0	6063T6	Anodised	5m

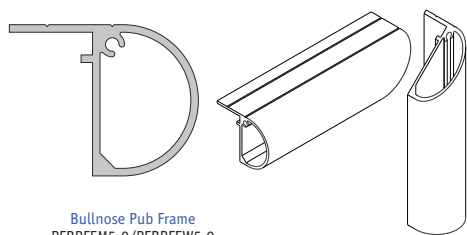


SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
PANEL	-24mm	-24mm	N/A	1mm-10mm



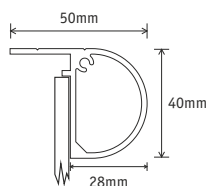
Sign Fixing Requirements
18x 4.8x12mm Aluminium Pop Rivet (PTRL)
4x 4.2x25mm Large Sign Frame Screw (MCS4.2x25)

BULLNOSE PUB SIGN FRAME

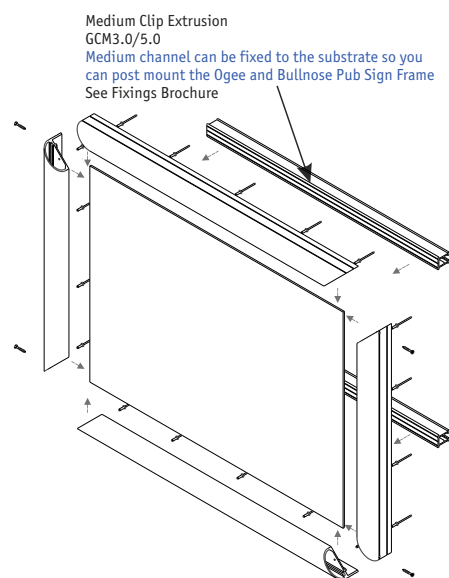


Bullnose Pub Frame
PFBPFEM5.0/PFBPFEW5.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Bullnose Pub Frame	PFBPFEW5.0	ALUMINIUM	White	5m
Dimensions: 45mm x 40mm	PFBPFEA5.0	6063T6	Anodised	5m



SUBSTRATE TYPE	LENGTH	DEPTH	RAIL	RECOMMENDED THICKNESS
PANEL	-24mm	-24mm	N/A	1mm-10mm



Sign Fixing Requirements
18x 4.8x12mm Aluminium Pop Rivet (PTRL)
4x 4.2x25mm Large Sign Frame Screw (MCS4.2x25)

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Tools required to cut the
sign frame extrusion & join
the extrusion parts together.



M8 Eyebolts (C/W nut)
M8EYE



M8 Shackles
M8HBS

PRODUCT	CODE	MATERIAL	FINISH
M8 Eyebolts	M8EYE	STEEL	Silver
M8 Shackles	M8HBS	STEEL	Silver



Edgelighter Projecting cap
PFEDGPECM/W



Edgelighter Suspended cap
PFEDGSECM/W

PRODUCT	CODE	MATERIAL	FINISH
Edgelighter Projecting Cap Dimensions: 30mm x 50mm x 2.5mm	PFEDGPECM	1050A	Mill Finish
	PFEDGPECW	ALUMINIUM	White
Edgelighter Suspended Cap Dimensions: 30mm x 56mm x 2.5mm	PFEDGSECM	1050A	Mill Finish
	PFEDGSECW	ALUMINIUM	White
Requires:	4.2x25mm Large Sign Frame Screw PFS42x25 (P.9)		

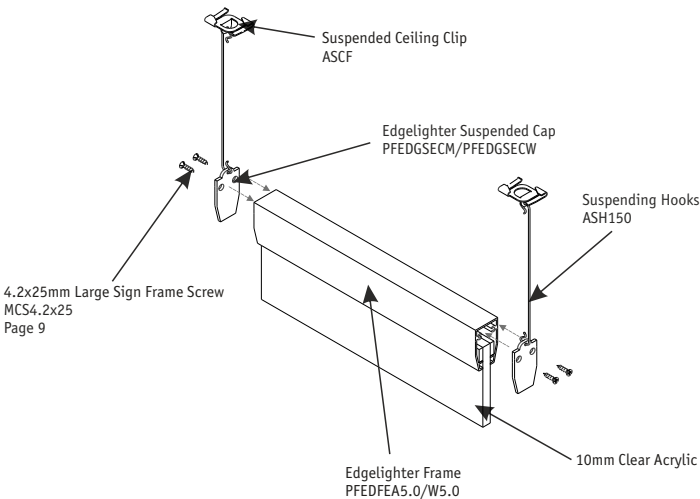
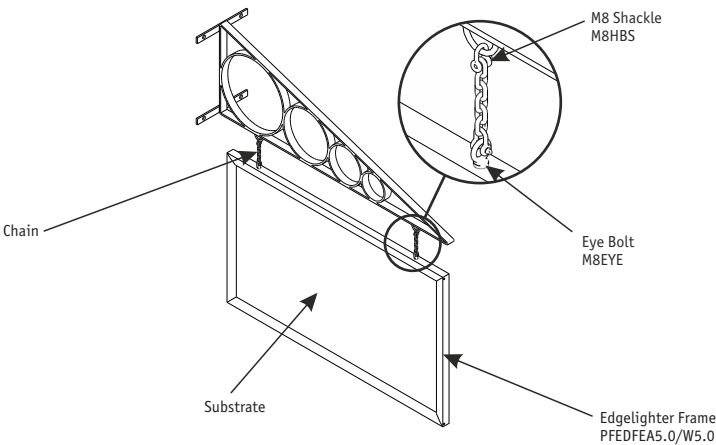


Suspending Hooks
ASH***

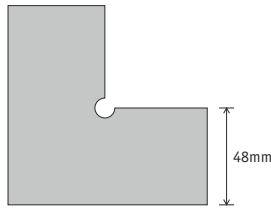


Suspended Ceiling Clip
ASCF
(Suitable for suspended ceilings)

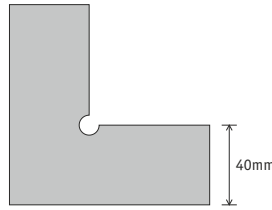
PRODUCT	CODE	MATERIAL	FINISH
25mm Suspending Hooks	ASH025	STEEL	Silver
50mm Suspending Hooks	ASH050	STEEL	Silver
150mm Suspending Hooks	ASH150	STEEL	Silver
400mm Suspending Hooks	ASH400	STEEL	Silver
Suspended Ceiling Clips	ASCF	STEEL	White



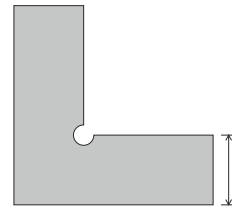
EXTRUDED ALUMINIUM SIGNAGE SYSTEM



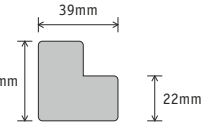
Corner Cleat 1 (Pack of 4)
PFCC1
Use with Ultimate frames



Corner Cleat 2 (Pack of 4)
PFCC2
Use with Unitrim frame



Corner Cleat 3 (Pack of 4)
PFCC3
Use with Bullnose & Original frames



Corner Cleat 4 (Pack of 4)
PFCC4
Use with Petite frame

PRODUCT	CODE	MATERIAL
Corner Cleat 1 (Pack of 4) Dimensions: 100mm x 100mm x 1mm	PFCC1	1050A ALUMINIUM
Corner Cleat 2 (Pack of 4) Dimensions: 100mm x 100mm x 1mm	PFCC2	1050A ALUMINIUM
Corner Cleat 3 (Pack of 4) Dimensions: 100mm x 100mm x 1mm	PFCC3	1050A ALUMINIUM
Corner Cleat 4 (Pack of 4) Dimensions: 39mm x 39mm x 1mm	PFCC4	1050A ALUMINIUM



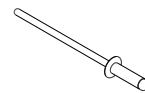
4x19mm Petite Frame Screw
ACS4x19



3.5mmx25mm Small Sign Frame Screw
PFS3.5x25

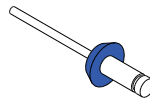


4.2x25mm Large Sign Frame Screw
MCS4.2x25



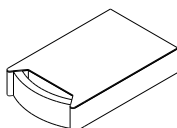
4.8x12mm Aluminium Pop Rivet (Large)
PTRL

PRODUCT	CODE	MATERIAL	FINISH
4x19mm Petite Frame Screw	ACS4x19	STAINLESS STEEL	Silver
3.5mmx25mm Small Sign Frame Screw	PFS3.5x25	STAINLESS STEEL	Silver
4.2x25mm Large Sign Frame Screw	MCS4.2x25	STAINLESS STEEL	Silver
4.8x12mm Aluminium Pop Rivet (Large)	PTRL	ALUMINIUM	Silver

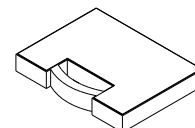
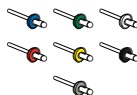


Colour Coded Rivet
PTR**

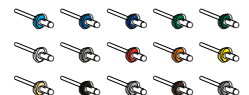
PRODUCT	CODE	MATERIAL	FINISH
4.8x12mm Colour Coded Pop Rivet	PTR01	PLASTIC/STEEL	Light Blue
	PTR02		Mid Blue
	PTR03		Dark Blue
	PTR04		Light Green
	PTR05		Dark Green
	PTR06		White
	PTR07		Burgundy
	PTR08		Red
	PTR09		Orange
	PTR10		Yellow
	PTR11		Cream
	PTR12		Black
	PTR14		Silver
	PTR15		Brown
	PTR16		Grey



Small Colour Coded Rivet Case
PTRBOXS



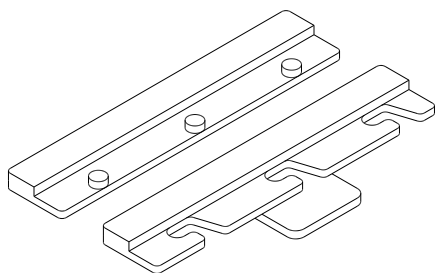
Large Colour Coded Rivet Case
PTRBOXL



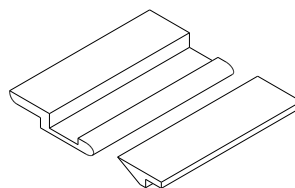
PRODUCT	CODE	MATERIAL	FINISH
Small Colour Coded Pop Rivet Case	PTRBOXS	PLASTIC/ALUMINIUM	Various
Comprising of: Mid Blue AS02 x 50 - Light Green AS04 x 50 - White AS06 x 100 - Red AS08 x 50 - Yellow AS10 x 50 - Black AS12 x 100 - Grey AS16 x 50 Normally - £45.00, Saving £9.00 (20% Discount) 450 Units			

PRODUCT	CODE	MATERIAL	FINISH
Large Colour Coded Pop Rivet Case	PTRBOXL	PLASTIC/ALUMINIUM	Various
Comprising of: Light Blue AS01 x 50 - Mid Blue AS02 x 50 - Dark Blue AS03 x 50 - Light Green AS04 x 50 - Dark Green AS05 x 50 - White AS06 x 300 - Burgundy AS07 x 50 - Red AS08 x 100 - Orange AS09 x 25 - Yellow AS10 x 50 - Cream AS11 x 25 - Black AS12 x 200 - Silver AS14 x 50 - Brown AS15 x 50 - Grey AS16 x 100 Normally - £88.00, Saving £9.00 (11% Discount) 1100 Units			

EXTRUDED ALUMINIUM SIGNAGE SYSTEM



Panel Lock - Lift and Lock Joining Clip (Male & Female)
PLOCK L&D

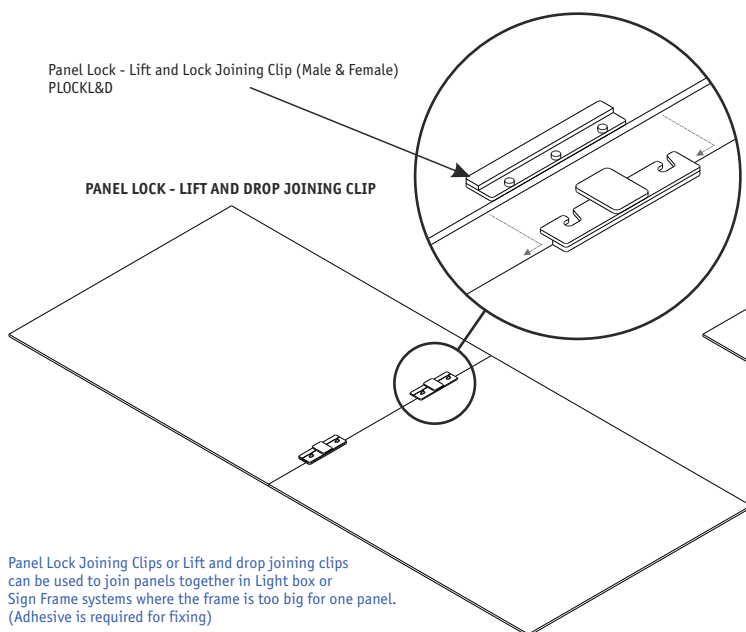


Panel Lock - Click Joining Clip (Male & Female)
PLOCK CLICK

PRODUCT	CODE	MATERIAL
Panel Lock - Lift and Lock Joining Clip (Male & Female) Dimensions: 30mm x 100mm x 7.8mm	PLOCKL&D	SAN (CLEAR)
Panel Lock - Click Joining Clip (Male & Female) Dimensions: 30mm x 50mm x 6mm	PLOCKCLICK	SAN (CLEAR)

Panel Lock - Lift and Lock Joining Clip (Male & Female)
PLOCKL&D

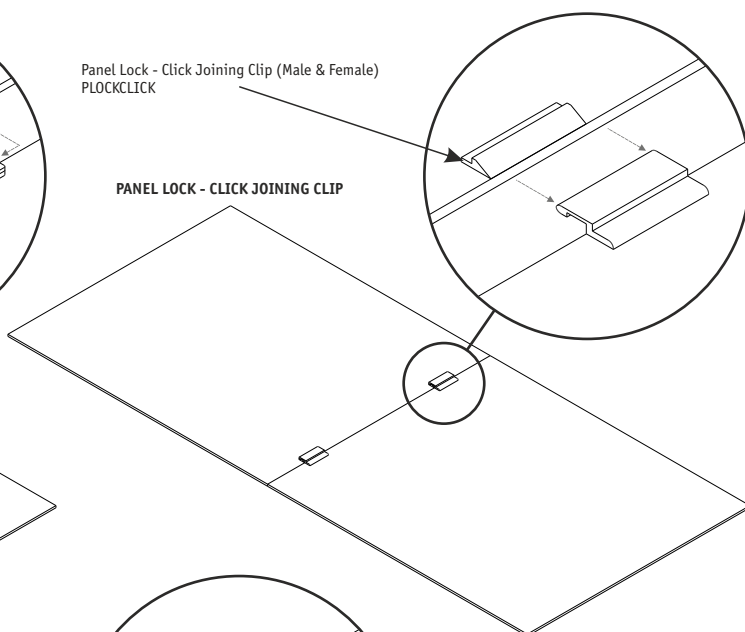
PANEL LOCK - LIFT AND DROP JOINING CLIP



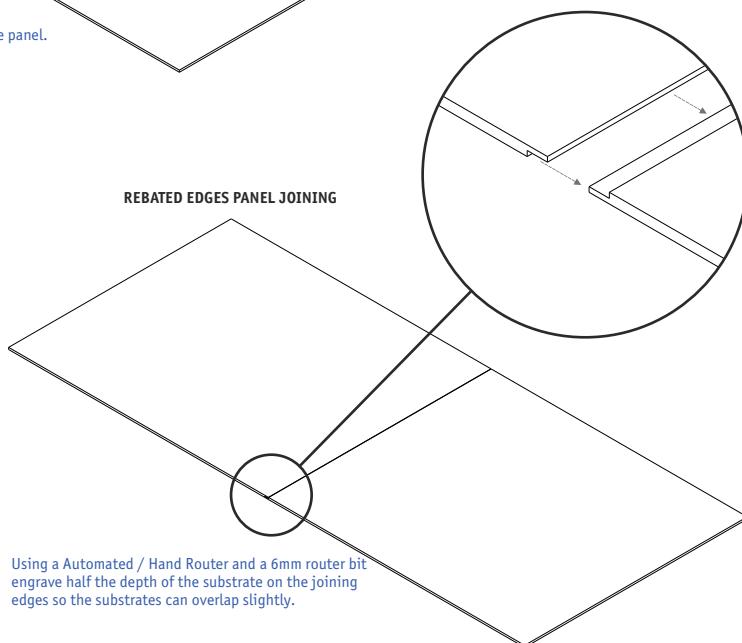
Panel Lock Joining Clips or Lift and drop joining clips can be used to join panels together in Light box or Sign Frame systems where the frame is too big for one panel. (Adhesive is required for fixing)

Panel Lock - Click Joining Clip (Male & Female)
PLOCKCLICK

PANEL LOCK - CLICK JOINING CLIP



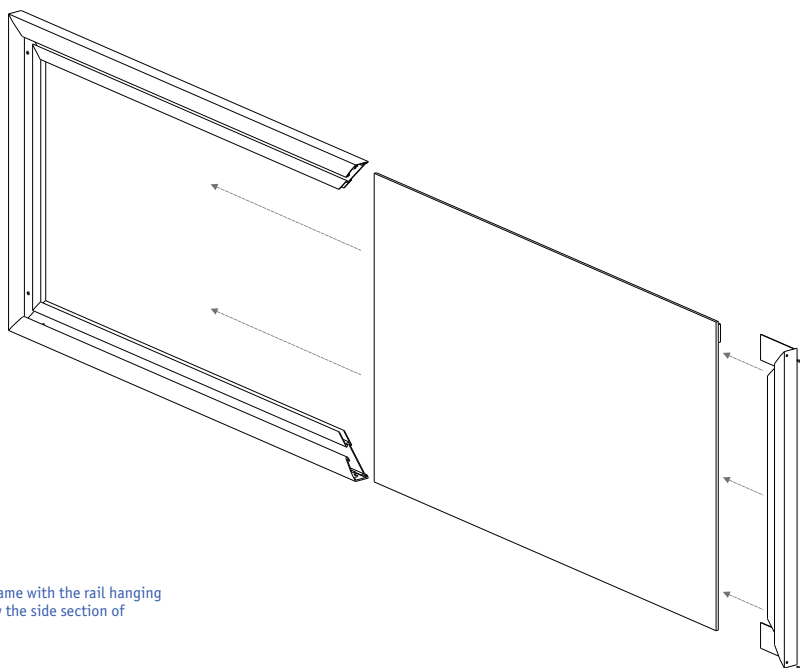
REBATED EDGES PANEL JOINING



Using a Automated / Hand Router and a 6mm router bit engrave half the depth of the substrate on the joining edges so the substrates can overlap slightly.

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

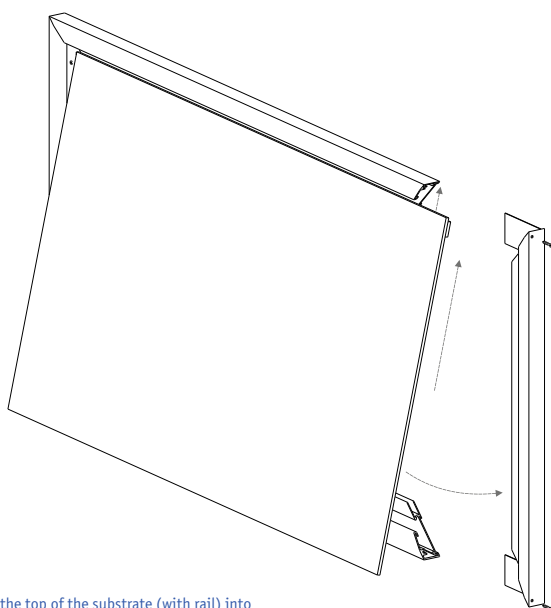
Hanging substrate requires the efficient space to slide the substrate in through the side of the frame.



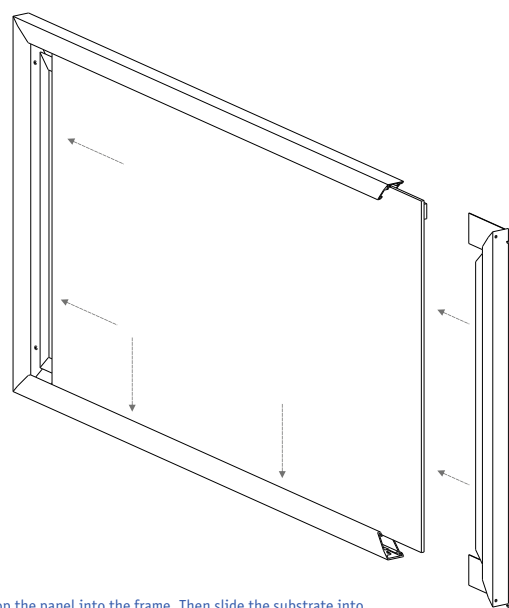
Slide the substrate into the open side of the frame with the rail hanging inside the top section of the frame. Then screw the side section of the frame back on.

HOW LIFT & DROP SUBSTRATE WORKS

Lift and drop is used when there isn't sufficient space to slide the panel into the side of the frame.



Simply lift the top of the substrate (with rail) into the top section of the frame and push the bottom half of the substrate into the bottom of the frame.

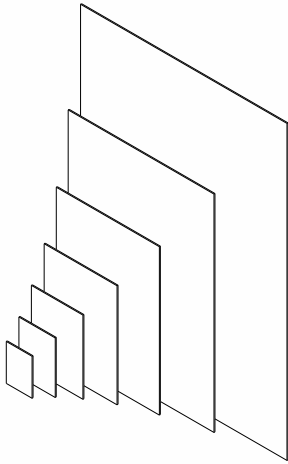


Drop the panel into the frame. Then slide the substrate into the side with the frame in place and the screw the other side of the frame on.

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

Paper Size Guide

Size	Millimetres
A6	105mm x 148mm
A5	148mm x 210mm
A4	210mm x 297mm
A3	297mm x 420mm
A2	420mm x 594mm
A1	594mm x 841mm
A0	841mm x 1189mm



British SWG (Standard Wire Gauge) Table

SWG	Millimetres	SWG	Millimetres
7/0	12.700mm	23	0.610mm
6/0	11.786mm	24	0.559mm
5/0	10.973mm	25	0.5080mm
4/0	10.160mm	26	0.4572mm
3/0	9.449mm	27	0.4166mm
2/0	8.839mm	28	0.3759mm
0	8.230mm	29	0.3454mm
1	7.620mm	30	0.3150mm
2	7.010mm	31	0.2946mm
3	6.401mm	32	0.2743mm
4	5.893mm	33	0.2540mm
5	5.385mm	34	0.2337mm
6	4.877mm	35	0.2134mm
7	4.470mm	36	0.1930mm
8	4.064mm	37	0.1727mm
9	3.658mm	38	0.1524mm
10	3.251mm	39	0.1321mm
11	2.946mm	40	0.1219mm
12	2.642mm	41	0.1118mm
13	2.337mm	42	0.1016mm
14	2.032mm	43	0.0914mm
15	1.829mm	44	0.0813mm
16	1.626mm	45	0.0711mm
17	1.422mm	46	0.0610mm
18	1.219mm	47	0.0508mm
19	1.016mm	48	0.0406mm
20	0.914mm	49	0.0305mm
21	0.813mm	50	0.0254mm
22	0.711mm		

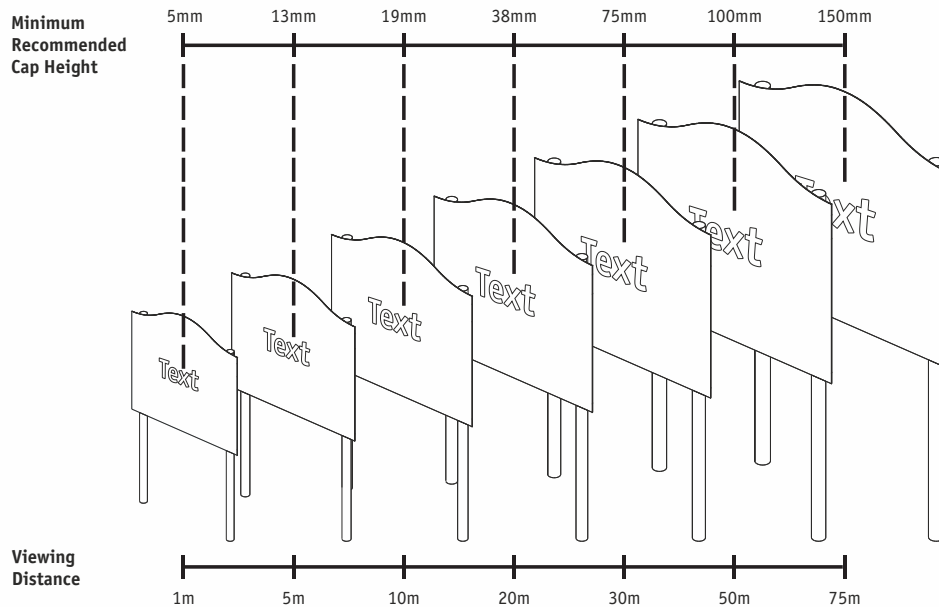
Feet to Millimetres Table

Feet	Millimetres	Feet	Millimetres
1	304.80mm	11	3352.8mm
2	609.60mm	12	3657.6mm
3	914.40mm	13	3962.4mm
4	1219.2mm	14	4267.2mm
5	1524.0mm	15	4572.0mm
6	1828.8mm	16	4876.8mm
7	2133.6mm	17	5181.6mm
8	2438.4mm	18	5486.4mm
9	2743.2mm	19	5791.2mm
10	3048.0mm	20	6096.0mm

Inches to Millimetres Table

Inches	Millimetres	Inches	Millimetres
1	25.400mm	15	381.00mm
2	50.800mm	16	406.40mm
3	76.200mm	17	431.80mm
4	101.60mm	18	457.20mm
5	127.00mm	19	482.60mm
6	152.40mm	20	508.00mm
7	177.80mm	21	533.40mm
8	203.20mm	22	558.80mm
9	228.60mm	23	584.20mm
10	254.00mm	24	609.60mm
11	279.40mm	25	635.00mm
12	304.80mm	26	660.40mm
13	330.20mm	27	685.80mm
14	355.60mm	28	711.20mm

Viewing Distances



This should be used as a guide as this can vary with text styles, colours and contrasts.

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