Self Build Sign System
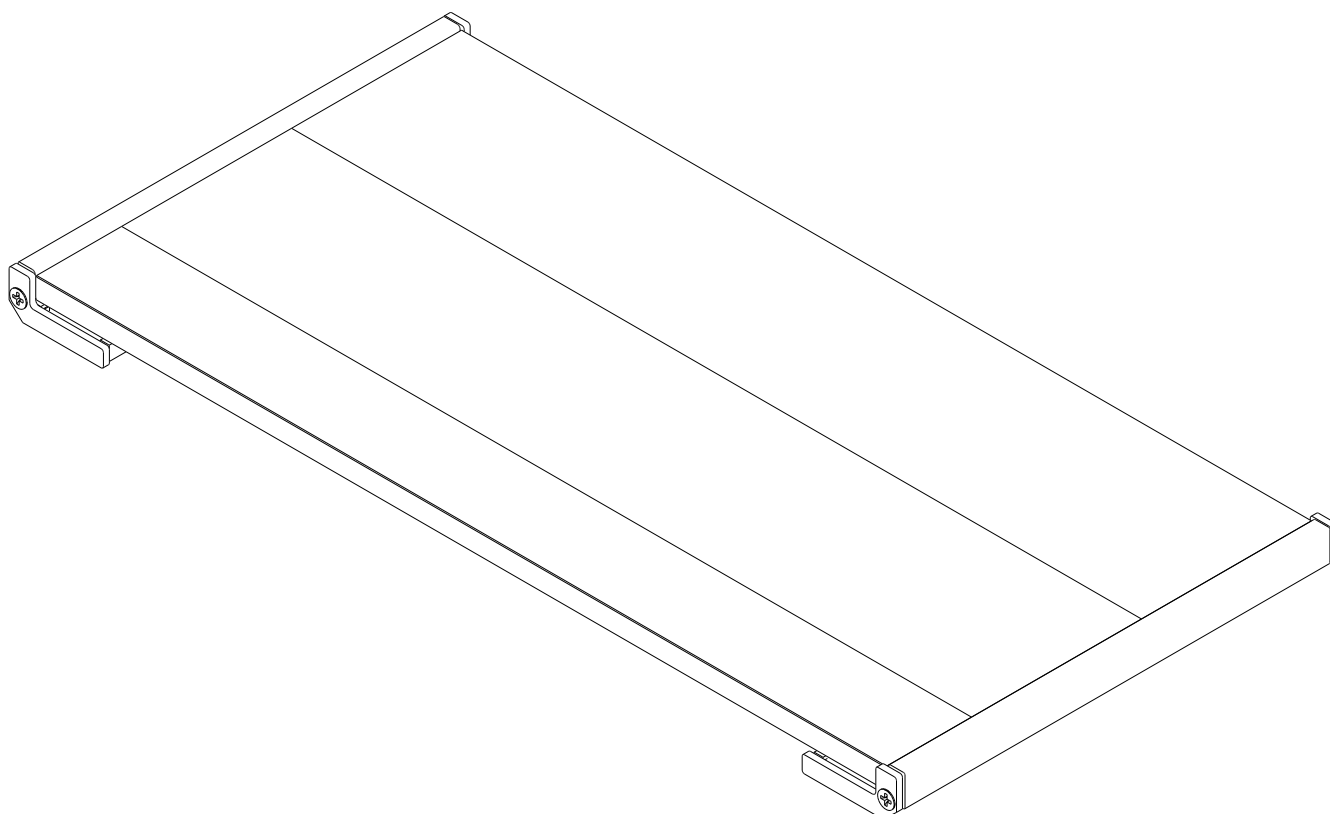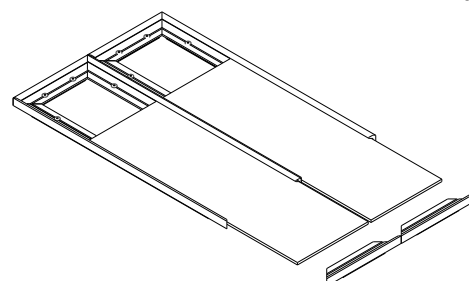

including **L&T Directory** System

Technical Specification & Codes

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

K'NECT SLAT SYSTEM

The K'nect Slat System comprises a range of ten different extruded sections that combine to create three different, standard mounting methods; wall mounted, projecting and suspended.

The system's durable and robust design is best suited to directing people around large areas such as schools or hospitals. When finished it creates multi-level signs ideal for any directory project or job where signage must be consistent throughout the site. The discreet fixing system gives your signs a secure fixing method and tidy finish.

All components are kept in stock and 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 your 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.
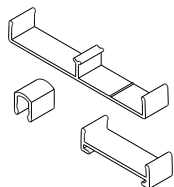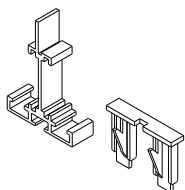
K'NECT SLAT EXTRUSION

There are 7 slat sizes available: 8mm (used as a dividing slat), 30mm, 60mm, 90mm, 120mm, 150mm and 210mm.Directory insert slats are also available in 30mm, 60mm and 90mm variants. All are stocked in a silver anodised finish.
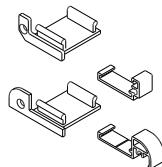
K'NECT WALL MOUNTED COMPONENTS

Comprising two wall mounting extruded components and four plastic injected parts.

K'NECT SUSPENDED COMPONENTS

Comprising of one edge strip extrusion and one plastic end cap.
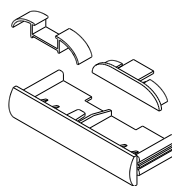
K'NECT PROJECTING COMPONENTS

Projecting components are used with slats of 90mm, 120mm and 150mm.
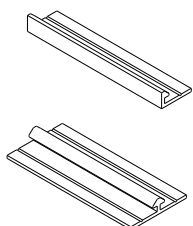
L & T DIRECTORY EXTRUSION

L & T Directory are most most commonly rivetted or adhered to the face of signage to allow for an interchangeable or variable messaging system.
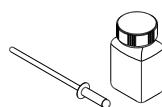
FIXINGS

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

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

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K'nect

30mm Directory Slat
KNDS0303.0

60mm Directory Slat
KNDS0603.0

90mm Directory Slat
KNDS0903.0

120mm Directory Slat
KNDS1203.0

150mm Directory Slat
KNDS1503.0

210mm Directory Slat
KNDS2103.0

30mm Directory Slat (Slider)
KNDIS0303.0
(Excepts a 1mm panel 26mm high)

60mm Directory Slat (Slider)
KNDIS0603.0
(Excepts a 1mm panel 54mm high)

90mm Directory Slat (Slider)
KNDIS0903.0
(Excepts a 1mm panel 84mm high)

Directory Slat Divider
KNDD083.0
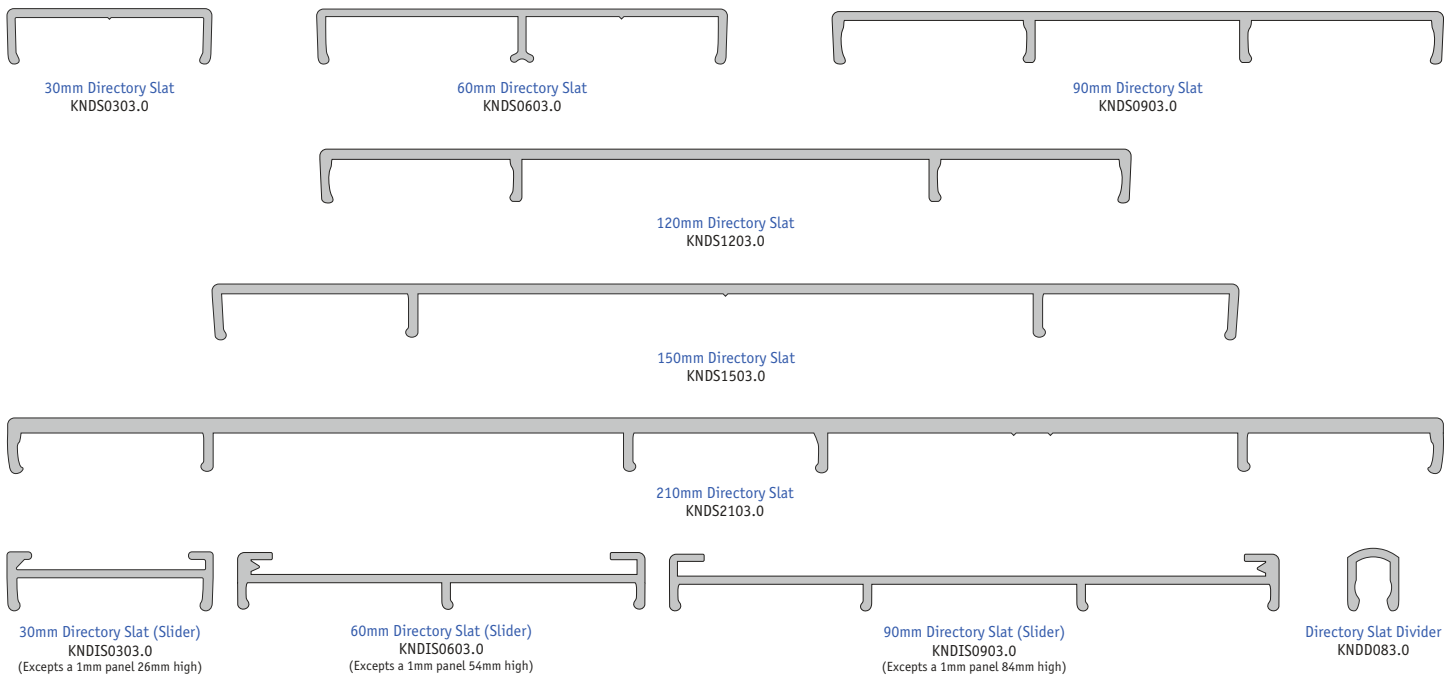
PRODUCT	CODE	MATERIAL	FINISH	LENGTH
30mm Directory Slat Dimensions: 30mm x 8mm	KNDS0303.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
60mm Directory Slat Dimensions: 60mm x 8mm	KNDS0603.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
90mm Directory Slat Dimensions: 90mm x 8mm	KNDS0903.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
120mm Directory Slat Dimensions: 120mm x 8mm	KNDS1203.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
150mm Directory Slat Dimensions: 150mm x 8mm	KNDS1503.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
210mm Directory Slat Dimensions: 210mm x 8mm	KNDS2103.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
30mm Directory Slat (Slider) Dimensions: 30mm x 8.5mm	KNDIS0303.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
60mm Directory Slat (Slider) Dimensions: 60mm x 8.5mm	KNDIS0603.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
90mm Directory Slat (Slider) Dimensions: 90mm x 8.5mm	KNDIS0903.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
Directory Slat Divider Dimensions: 8mm x 9mm	KNDD083.0	ALUMINIUM 6063T6	Silver Anodised	3.00m

Directory Slat Divider
KNDD083.0
The Directory Slat Divider requires a
Plastic Edge Clip for each Edge Strip.

60mm Directory Slat
KNDS0603.0

30mm Directory Slat (Slider)
KNDIS0303.0
This accepts a 1mm substrate
30mm Directory Slat (Slider) @ 26mm high
60mm Directory Slat (Slider) @ 54mm high
90mm Directory Slat (Slider) @ 84mm high

Square Edge Strip End Caps (Pair)
KNPCECS
Page 7
Clips slide into the edge strip extrusion.
Once in place, screw to fix.

210mm Directory Slat
KNDS2103.0
K'nect Directory Slats easily click into place
using the Plastic Edge Clip in the Edge Strips.

3.5mmx25mm Small Sign Frame Screw
PFS3.5x25
Page 13

Plastic Edge Clip
KNPC030
Page 7

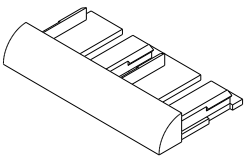Square Edge Strip
KNESS3.0
Page 6

EXTRUDED ALUMINIUM SIGNAGE SYSTEM
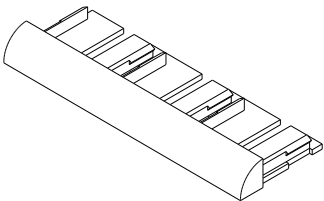
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Tools required to cut the slat extrusion
and drill holes in the edge strip for
wall mounting.
Screw the edge strip caps in place.

60mm Wall Mounting End caps
KNWMEC060

PRODUCT	CODE	MATERIAL	FINISH
60mm Wall Mounting End caps Dimensions: 61mm x 33mm x 10mm	KNWMEC060	PLASTIC	Black

90mm Wall Mounting End caps
KNWMEC090

PRODUCT	CODE	MATERIAL	FINISH
90mm Wall Mounting End caps Dimensions: 91mm x 33mm x 10mm	KNWMEC090	PLASTIC	Black
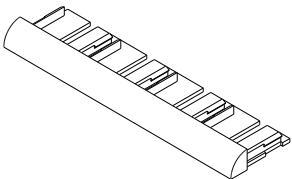
120mm Wall Mounting End caps
KNWMEC120

PRODUCT	CODE	MATERIAL	FINISH
120mm Wall Mounting End caps Dimensions: 121mm x 33mm x 10mm	KNWMEC120	PLASTIC	Black

1mm Substrate
30mm Directory Slat (Slider) @ 26mm high
60mm Directory Slat (Slider) @ 54mm high
90mm Directory Slat (Slider) @ 84mm high

30mm Directory Slat (Slider)
KNDIS0303.0
Page 3

30mm Directory Slat
KNDS0303.0
Page 3

60mm Wall Mounting End caps
KNWMEC060
To mount directory slats to a wall or door simply
fix the caps at the correct distance apart and
click directory slats into place.
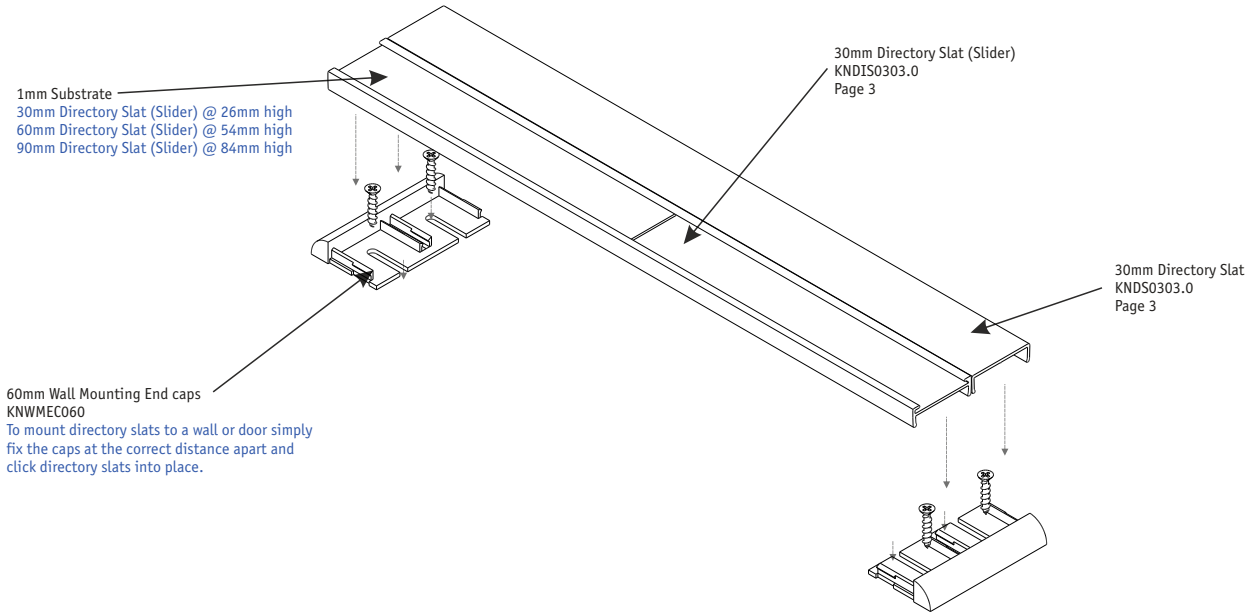
EXTRUDED ALUMINIUM SIGNAGE SYSTEM
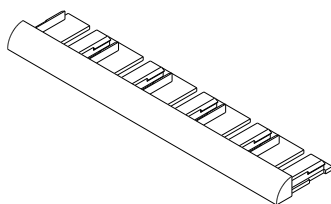
150mm Wall Mounting End caps
KNWMEC150

PRODUCT	CODE	MATERIAL	FINISH
150mm Wall Mounting End caps Dimensions: 151mm x 33mm x 10mm	KNWMEC150	PLASTIC	Black
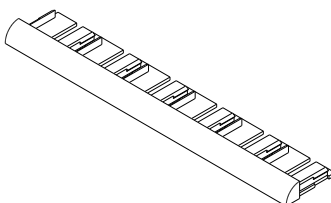
180mm Wall Mounting End caps
KNWMEC180

PRODUCT	CODE	MATERIAL	FINISH
180mm Wall Mounting End caps Dimensions: 181mm x 33mm x 10mm	KNWMEC180	PLASTIC	Black
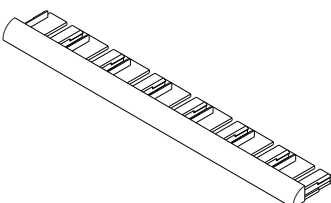
210mm Wall Mounting End caps
KNWMEC210

PRODUCT	CODE	MATERIAL	FINISH
210mm Wall Mounting End caps Dimensions: 211mm x 33mm x 10mm	KNWMEC210	PLASTIC	Black

30mm Directory Slat
KNDS0303.0
Page 3

90mm Directory Slat
KNDS0903.0
Page 3

180mm Wall Mounting End caps
KNWMEC180
The K'nect Directory Slat divider cannot
be used with Wall Mounting End Caps.

60mm Directory Slat
KNDS0603.0
Page 3

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

K'NECT WALL MOUNTED COMPONENTS
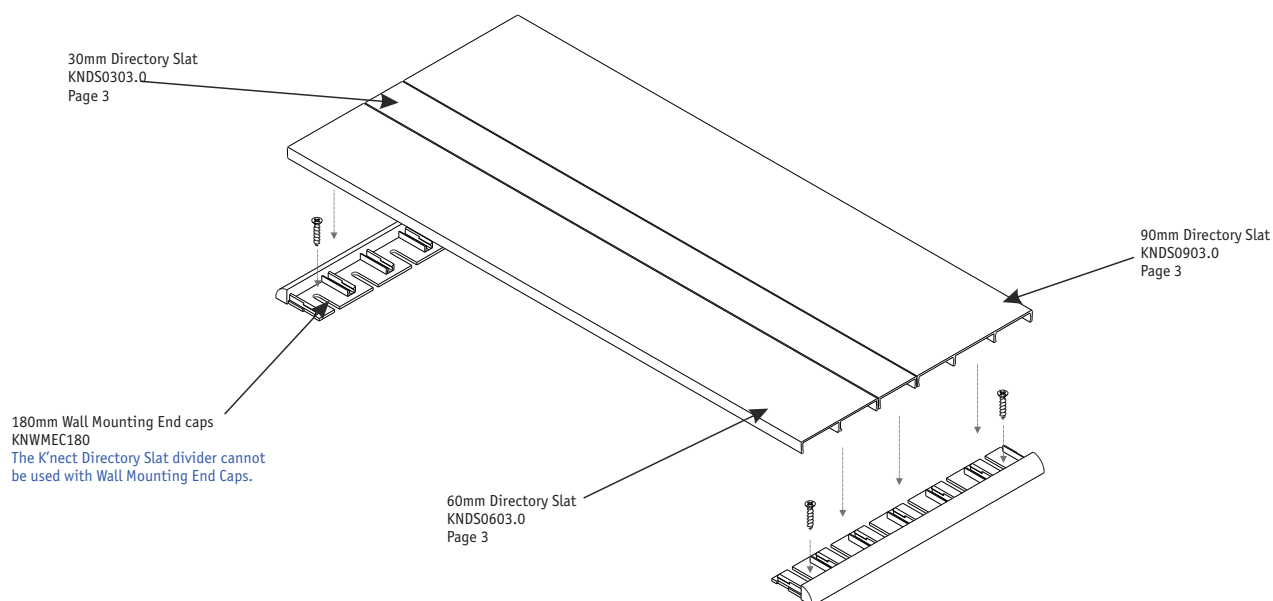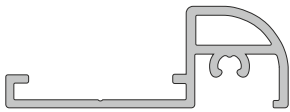
Quadrant Edge Strip (Bevel)
KNESB3.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Quadrant Edge Strip Dimensions: 41mm x 15mm	KNESB3.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
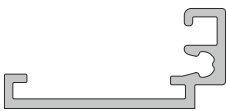
Square Edge Strip
KNESS3.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Square Edge Strip Dimensions: 32mm x 15mm	KNESS3.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
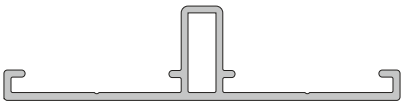
Central Square Edge Strip
KNCD3.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Central Square Edge Strip Dimensions:58mm x 14mm	KNCD3.0	ALUMINIUM 6063T6	Silver Anodised	3.00m

Directory Slat Divider
KNDD083.0
Page 3

30mm Directory Slat
KNDS0303.0
Page 3

Quadrant Edge Strip End Caps (Pair)
KNPCECB
Page 7
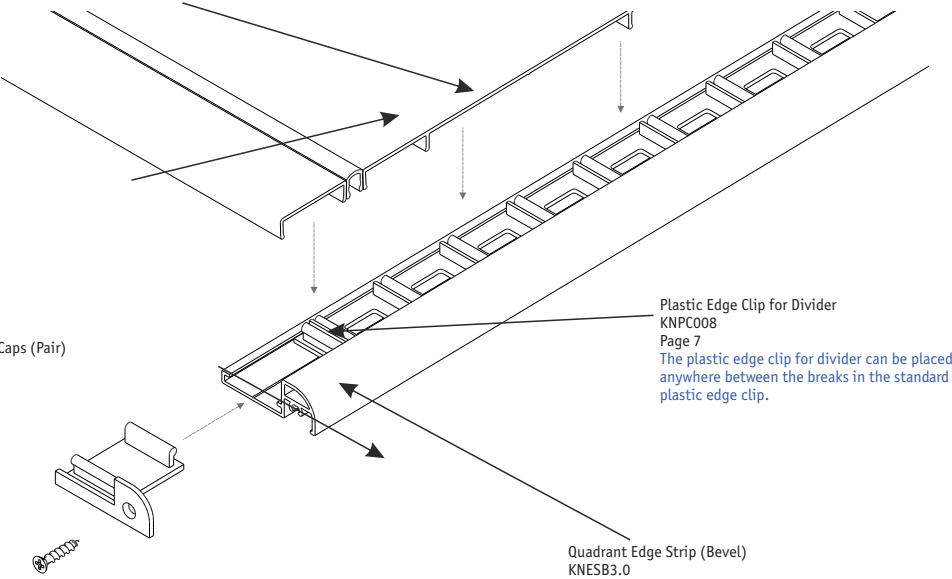
Plastic Edge Clip for Divider
KNPC008
Page 7
The plastic edge clip for divider can be placed anywhere between the breaks in the standard plastic edge clip.

Quadrant Edge Strip (Bevel)
KNESB3.0

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

Tools required to cut the Slat Extrusion and drill holes in the edge strip for wall mounting.
Screw the edge strip caps in place.
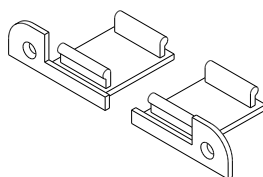
Requires
2x 3.5mmx25mm Small
Sign Frame Screw
PFS3.5x25 (Page 13)

Quadrant Edge Strip End Caps (Pair)
KNPCECB

PRODUCT	CODE	MATERIAL	FINISH
Quadrant Edge Strip End Caps Dimensions: 41mm x 15mm x 32mm	KNPCECB	PLASTIC	Black
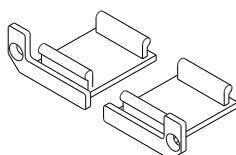
Requires
2x 3.5mmx25mm Small
Sign Frame Screw
PFS3.5x25 (Page 13)

Square Edge Strip End Caps (Pair)
KNPCECS

PRODUCT	CODE	MATERIAL	FINISH
Square Edge Strip End Caps Dimensions: 33mm x 15mm x 32mm	KNPCECS	PLASTIC	Black
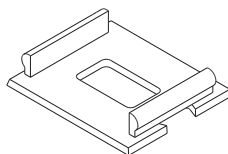
Plastic Edge Clip
KNPC030
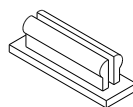
Plastic Edge Clip for Divider
KNPC008

PRODUCT	CODE	MATERIAL	FINISH
Plastic Edge Clip Dimensions: 30mm x 24.5mm x 6.7mm	KNPC030	PLASTIC	Black
Plastic Edge Clip for Divider Dimensions: 24.5mm x 7.4mm x 7.7mm	KNPC008	PLASTIC	Black

Central Square Edge Strip
KNCD3.0
Page 6
The central square edge strip has no cap and will
require you to drill and screw the plastic edge clips
in place when mounting to the wall.

Plastic Edge Clip
KNPC030
You don't have to use the plastic edge clips on the
top and bottom of the edge strip - the edge strip
end caps have a clip included. You can easily cut
the plastic edge clips down to the required length.
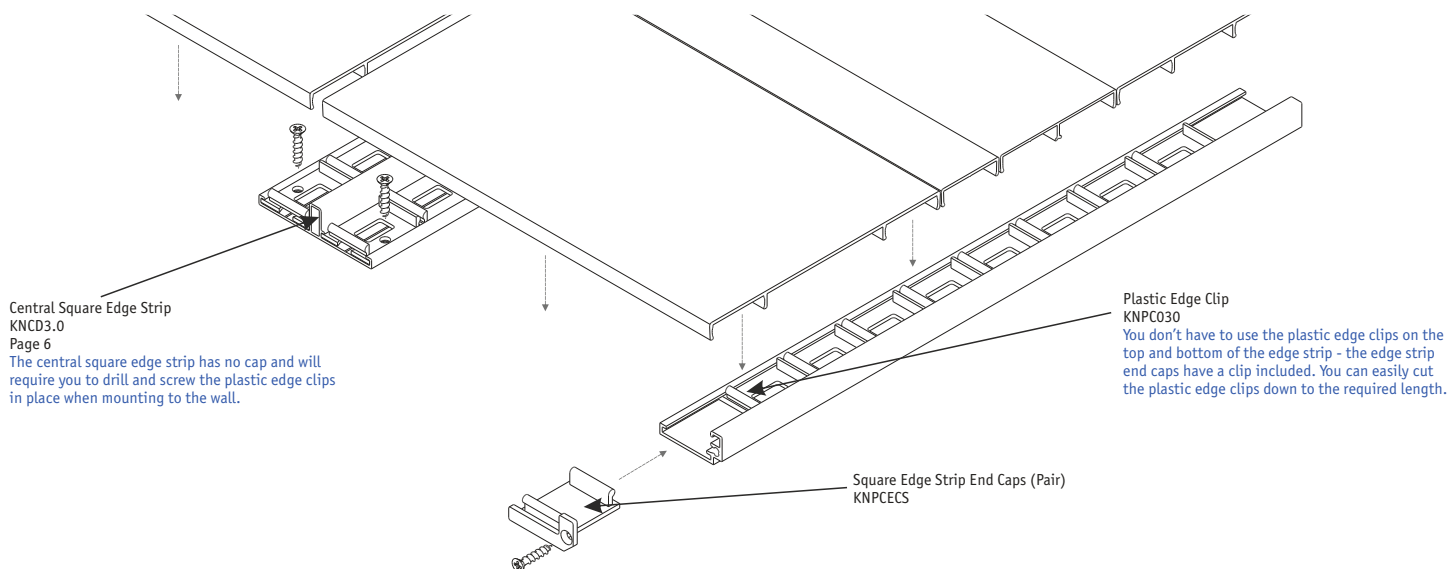
Square Edge Strip End Caps (Pair)
KNPCECS

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

Tools required to fit
Quadrant/Square Edge Strip End Caps (Plastic)
to edge strip extrusion

K'NECT SUSPENDED COMPONENTS
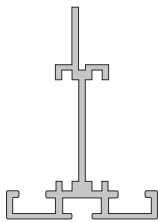
Suspended Edge Strip
KNSES3.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Suspended Edge Strip Dimensions: 31mm x 44mm	KNSES3.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
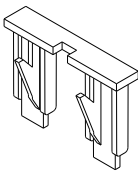
Suspended Edge Strip End Cap
KNECS

PRODUCT	CODE	MATERIAL	FINISH
Suspended Edge Strip End Cap Dimensions: 31mm x 6mm x 26mm	KNECS	PLASTIC	Black
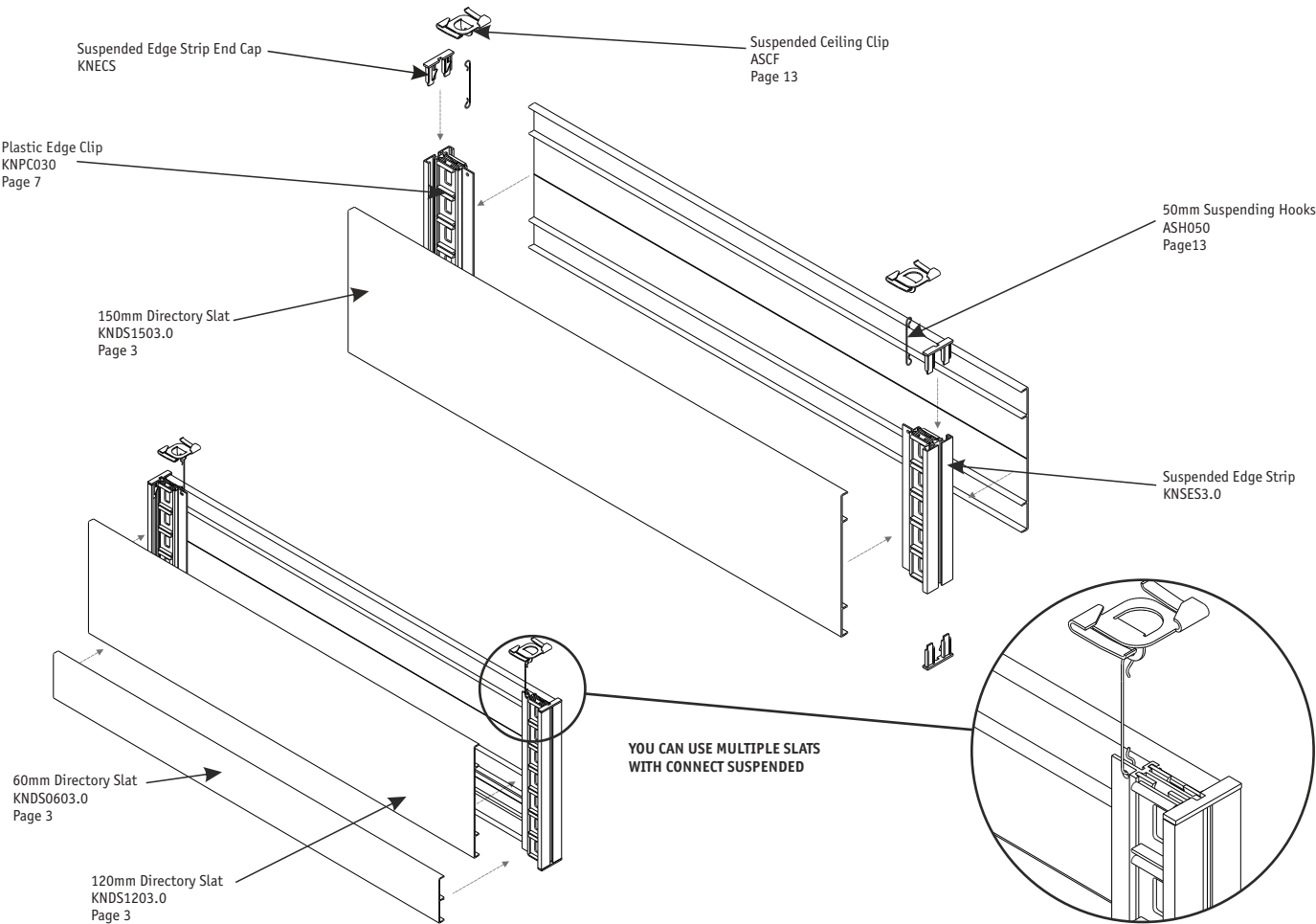
Suspended Edge Strip End Cap
KNECS

Suspended Ceiling Clip
ASCF
Page 13

Plastic Edge Clip
KNPC030
Page 7

50mm Suspending Hooks
ASH050
Page13

150mm Directory Slat
KNDS1503.0
Page 3

Suspended Edge Strip
KNSES3.0

60mm Directory Slat
KNDS0603.0
Page 3

YOU CAN USE MULTIPLE SLATS
WITH CONNECT SUSPENDED

120mm Directory Slat
KNDS1203.0
Page 3

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

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Tools required to Cut the Slat Extrusion
and the suspended edge extrusion.
Drill the holes for hanging hole.
Everything else will clip into place.

Projecting Base Extrusion
KNPBE3.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
Projecting Edge Strip Dimensions: 31mm x 44mm	KNPBE3.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
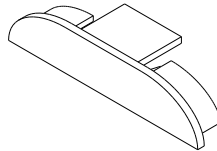
Projecting Base End Cap
KNPBEC

PRODUCT	CODE	MATERIAL	FINISH
Projecting Edge Strip End Cap Dimensions: 31mm x 6mm x 26mm	KNPBEC	PLASTIC	Black
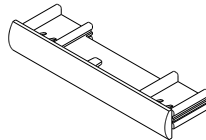
90mm Projecting Slat End Cap
KNECP090

PRODUCT	CODE	MATERIAL	FINISH
90mm Projecting Slat End Cap Dimensions: 90mm x 19mm x 35mm	KNECP090	PLASTIC	Black
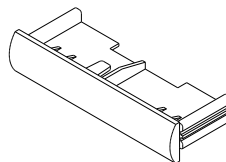
120mm Projecting Slat End Cap
KNECP120

PRODUCT	CODE	MATERIAL	FINISH
120mm Projecting Slat End Cap Dimensions: 120mm x 19mm x 35mm	KNECP120	PLASTIC	Black
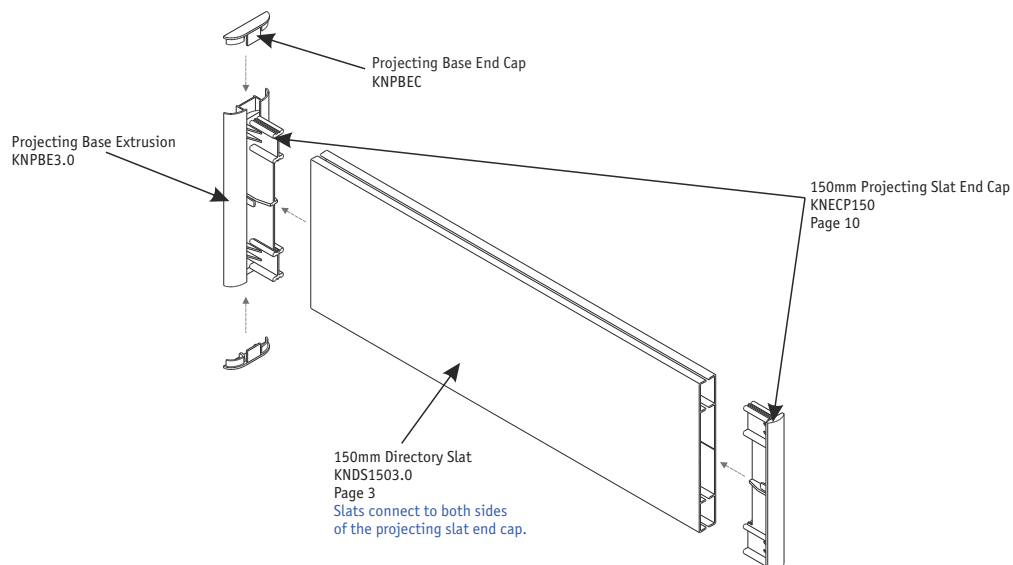
Projecting Base End Cap
KNPBEC

Projecting Base Extrusion
KNPBE3.0

150mm Projecting Slat End Cap
KNECP150
Page 10

150mm Directory Slat
KNDS1503.0
Page 3
Slats connect to both sides
of the projecting slat end cap.

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

Tools required to cut the slat extrusion
and the projecting base extrusion.
Drill holes in projecting base extrusion
for wall mounting.

K'NECT PROJECTING COMPONENTS
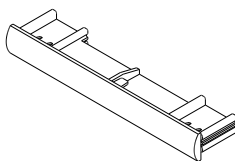
150mm Projecting Slat End Cap
KNECP150

PRODUCT	CODE	MATERIAL	FINISH
150mm Projecting Slat End Cap Dimensions: 150mm x 19mm x 35mm	KNECP150	PLASTIC	Black
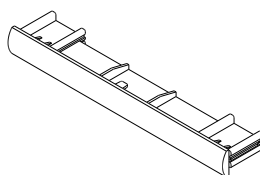
180mm Projecting Slat End Cap
KNECP180

PRODUCT	CODE	MATERIAL	FINISH
180mm Projecting Slat End Cap Dimensions: 180mm x 19mm x 35mm	KNECP180	PLASTIC	Black
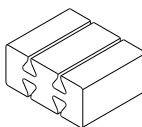
Slat Joining Clip
KNPSJC

PRODUCT	CODE	MATERIAL	FINISH
Slat Joining Clip Dimensions: 22mm x 10mm x 18mm	KNPSJC	PLASTIC	Black

Projecting Base Extrusion
KNPBE3.0
Page 9
The length of the projecting base extrusion
is always the height of the projecting slat end cap
plus 24mm.

Slat Joining Clip
KNPSJC
The slat joining clips are required with the
projecting system only (one clip is necessary,
per join, at each end of the projecting sign).

60mm Directory Slat
KNDS0603.0
Page 3

30mm Directory Slat
KNDS0303.0
Page 3

90mm Projecting Slat End Cap
KNECP090
Page 9
The projecting slat end caps have to be 'snapped'
into both Ends. A small gap must be left between
the end cap and the slat edge to enable the
projecting base extrusion to slide into place.
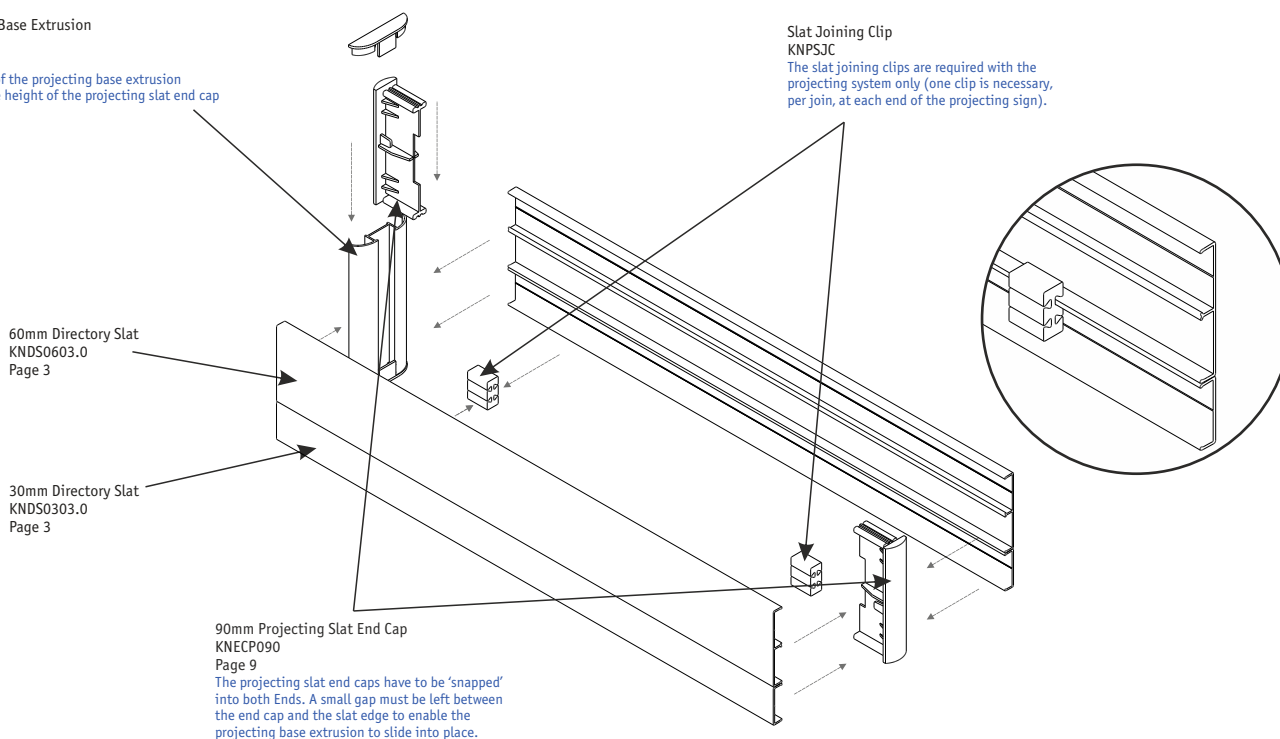
EXTRUDED ALUMINIUM SIGNAGE SYSTEM
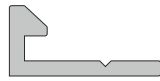
'L' Directory Extrusion
DIYDIRLA3.0/DIYDIRLW3.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
'L' Directory Extrusion Dimensions: 20mm x 9mm	DIYDIRLA3.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
	DIYDIRLW3.0		White	3.00m

REQUIRES THE USE OF 'L' DIRECTORY ONLY
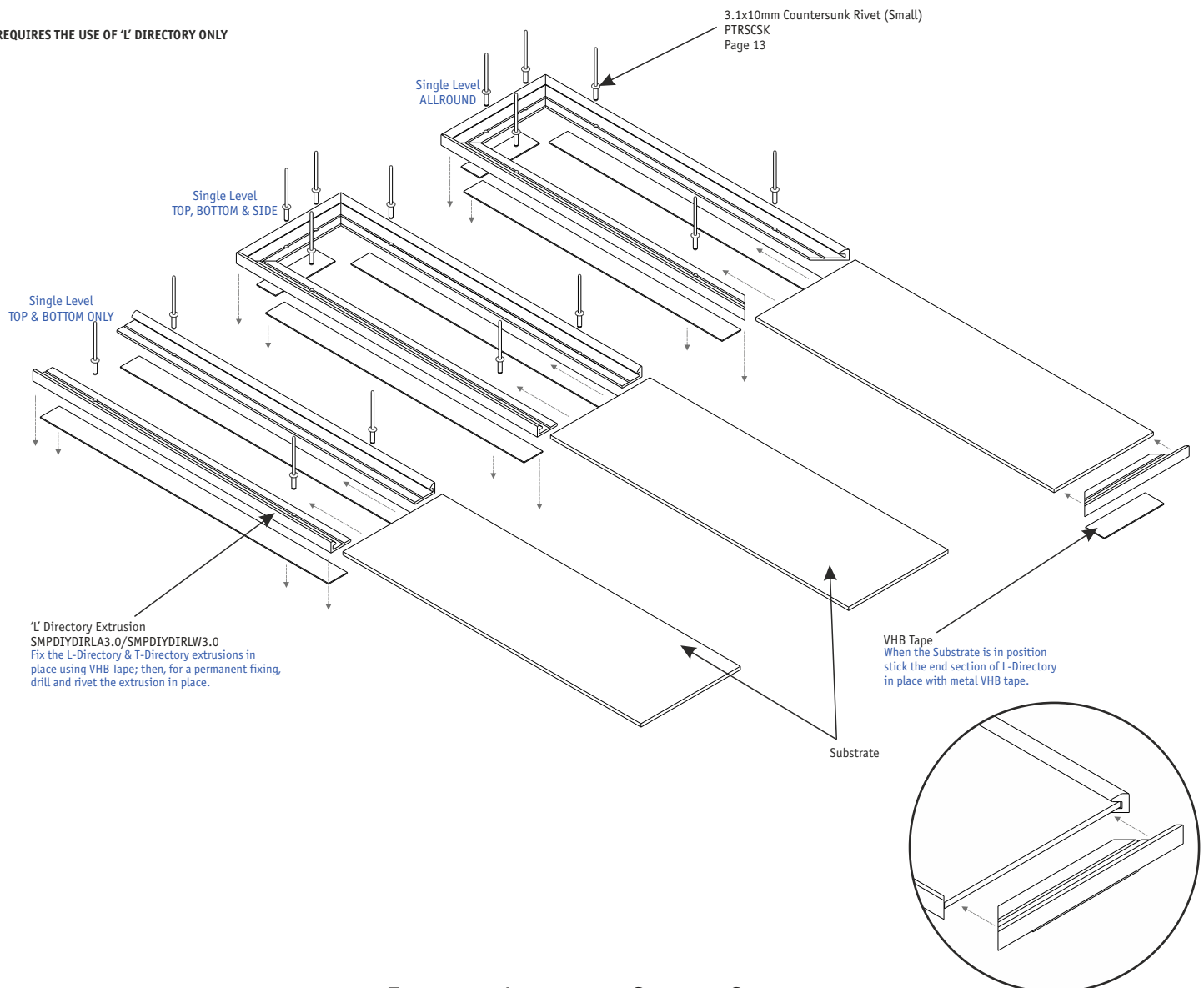
3.1x10mm Countersunk Rivet (Small)
PTRSCSK
Page 13

Single Level
ALLROUND

Single Level
TOP, BOTTOM & SIDE

Single Level
TOP & BOTTOM ONLY

'L' Directory Extrusion
SMPDIYDIRLA3.0/SMPDIYDIRLW3.0
Fix the L-Directory & T-Directory extrusions in
place using VHB Tape; then, for a permanent fixing,
drill and rivet the extrusion in place.

VHB Tape
When the Substrate is in position
stick the end section of L-Directory
in place with metal VHB tape.

Substrate

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

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Tools required to Cut the 'L' Directory
extrusion and drill holes (6mm)
through the extrusion and your
substrate, then rivet in position.

'T' Directory Extrusion
DIYDIRTA3.0/DIYDIRTW3.0

PRODUCT	CODE	MATERIAL	FINISH	LENGTH
'T' Directory Extrusion Dimensions: 40mm x 9mm	DIYDIRTA3.0	ALUMINIUM 6063T6	Silver Anodised	3.00m
	DIYDIRTW3.0		White	3.00m

REQUIRES THE USE OF BOTH THE 'L' & 'T' DIRECTORY

'T' Directory Extrusion
DIYDIRTA3.0/DIYDIRTW3.0
The 'T' Directory Extrusion is for Multi Level Slider Directories.
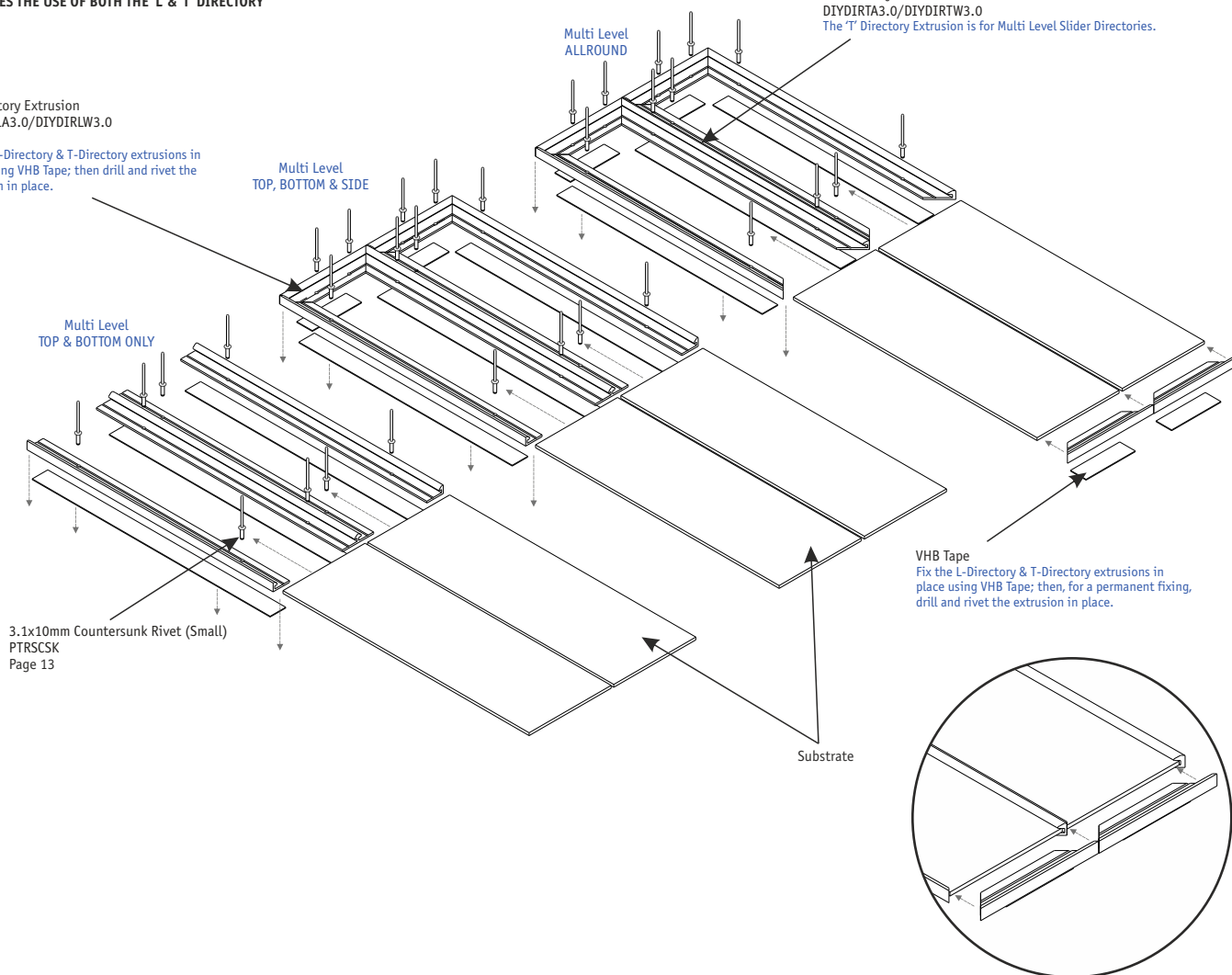
Multi Level
ALLROUND

'L' Directory Extrusion
DIYDIRLA3.0/DIYDIRLW3.0
Page 11
Fix the L-Directory & T-Directory extrusions in
place using VHB Tape; then drill and rivet the
extrusion in place.

Multi Level
TOP, BOTTOM & SIDE

Multi Level
TOP & BOTTOM ONLY

VHB Tape
Fix the L-Directory & T-Directory extrusions in
place using VHB Tape; then, for a permanent fixing,
drill and rivet the extrusion in place.

3.1x10mm Countersunk Rivet (Small)
PTRSCSK
Page 13

Substrate

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

Tools required to Cut the 'T' Directory
extrusion and drill holes (6mm)
through the extrusion and your
substrate, then rivet in position.
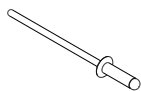
3.1x10mm Countersunk Rivet (Small)
PTRSCSK

3.5mmx25mm Small Sign Frame Screw
PFS35x25

PRODUCT	CODE	MATERIAL	FINISH
3.1x10mm Countersunk Rivet (Small)	PTRSCSK	ALUMINIUM	Silver
3.5mmx25mm Small Sign Frame Screw	PFS3.5x25	STAINLESS STEEL	Silver
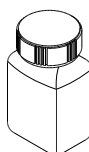
Pot of Touch Up Paint (70ml)
TUPW/B/G

PRODUCT	CODE	FINISH
Pot of Touch Up Paint (70ml)	TUPW	White
	TUPB	Black
	TUPG	Standard Ral
Please Note that these items will require 2-3 day lead time (excess charges may apply).		

25mm Suspending Hooks
ASH025

50mm Suspending Hooks
ASH050

150mm Suspending Hooks
ASH150

400mm Suspending Hooks
ASH400

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 Clip
ASCF
(Suitable for suspended ceilings)

PRODUCT	CODE	MATERIAL	FINISH
Suspended Ceiling Clip	ASCF	STEEL	White

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

Single Level
TOP, BOTTOM & SIDE

Multi Level
ALLROUND

VHB Tape

Substrate

'T' Directory Extrusion
DIYDIRTA3.0/DIYDIRTW3.0
Page 12

Multi Level
TOP & BOTTOM ONLY

Single Level
TOP & BOTTOM ONLY

'L' Directory Extrusion
DIYDIRLA3.0/DIYDIRLW3.0
Page 11

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

K'nect

01	Architech	02	Modular	03	Finger Posts	04	Sign

01 Architech
Self Build Sign System
Technical Specification & Price list
Curved Aluminium Signage System
www.architechsignage.net
+44 (0) 118 981 5343

02 Modular
Self Build Sign System
Technical Specification & Price list
Extruded Aluminium Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

03 Finger Posts
Self Build Sign System
Technical Specification & Price list
Extruded Aluminium Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

04 Sign
Self Build Sign System
Technical Specification & Price list
Extruded Aluminium Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

05 Light
Self Build Sign System
Technical Specification & Price list
Extruded Aluminium Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

06 LED
Self Build Sign System
Technical Specification & Price list
Component Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

07 Finials
Self Build Sign System
Technical Specification & Price list
Cast Aluminium Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

08 Post & Associated Fixings
Self Build Sign System
Technical Specification & Price list
Extruded Aluminium Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

09 Stryder Troughlight
Self Build Sign System
Technical Specification & Price list
Extruded Aluminium Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

11 Point of Sale
Self Build Sign System
Technical Specification & Price list
Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

12 Fixings
Self Build Sign System
Technical Specification & Price list
Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

13 Banner Spring / Bannerfast
Self Build Sign System
Technical Specification & Price list
Banner Spring
Banner
Signage System
www.ashbytrade.net
+44 (0) 118 981 5343

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
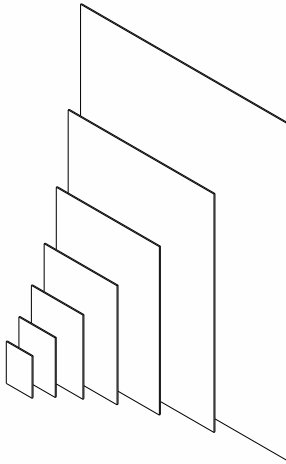
British SWG (Standard Wire Gauge) Table

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

Minimum Recommended Cap Height

| 5mm | 13mm | 19mm | 38mm | 75mm | 100mm | 150mm |

Text Text Text Text Text Text Text

Viewing Distance

| 1m | 5m | 10m | 20m | 30m | 50m | 75m |
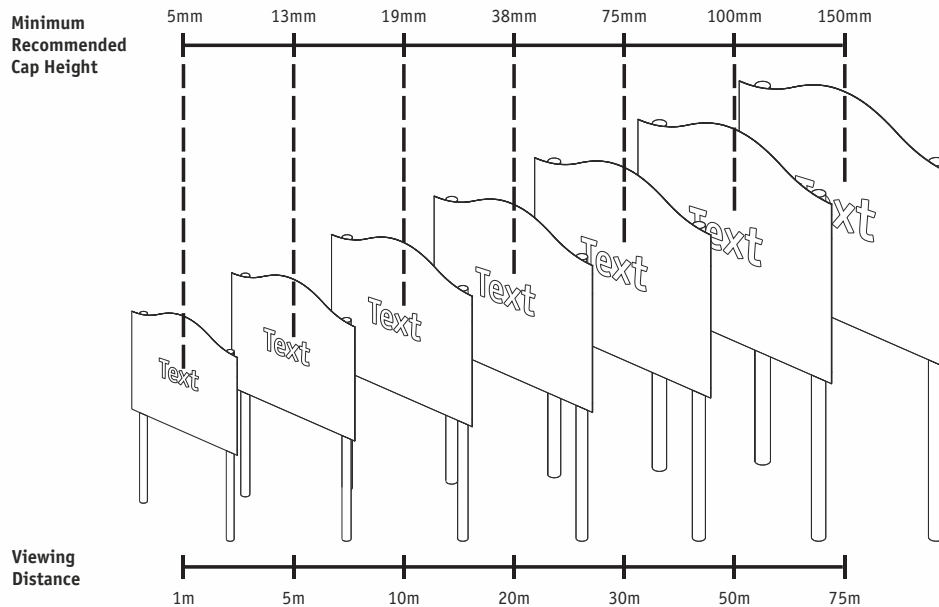
This should be used as a guide as this can vary with text styles, colours and contrasts.

Ashby
Trade Sign Supplies ™

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Basingstoke
RG24 7NG

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