

# The Perfect Colour Match

**Product Catalogue**

February 2023

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## About Us

Established in 1991, Mainline Products (UK) Ltd is an independent fastener, profile and accessories supplier to the Rainscreen Façade industry. We specialise in coating fasteners and profiles to accurately match manufacturers' façade panels.

### How To Use This Catalogue

Please view our catalogue as a useful guide for appropriate manufacturers fasteners, and accessories. We have endeavoured to reproduce all our technical information faithfully, but would request you liaise with appropriate panel manufacturers fixing and installation guidelines prior to ordering from Mainline Products UK Ltd, as we are unable to accept responsibility for any incorrect specifying of product. The data and information provided in this catalogue is believed to be accurate and is reproduced in good faith. It is the customer's responsibility to ensure that the product or installation method described in this catalogue is suitable for the specific application. Mainline Products (UK) Ltd disclaim any and all liability for any errors, inaccuracies or incompleteness contained in this catalogue. In addition, Mainline Products (UK) Ltd makes no warranty, representation or guarantee regarding the suitability of the product described by the catalogue for any particular or associated purchase. The catalogue is also available as a PDF on request.

### Coatings And Special Finishes

Our coatings and finishes have been independently tested to European and International standards, and we can now offer a 25 year warranty on our coloured parts. We stand alone in our ability to colour match to any manufacturers panels and industry finishes, from solid colours, wood grains, metallic, sparkling metallic, anodised, zinc, copper and our latest development, chameleon multi-tonal colours that have the ability to change colour seamlessly with the panel.

### Paint Set-Up Costs And Colour Matching

A paint set-up cost of £90.00 is applicable to all non-standard colours. There is no set up charge for the Standard RAL colours which are RAL 1013, 1015, 3004, 3007, 3009, 5011, 6009, 7001, 7004, 7016, 7021, 7022, 7030, 7031, 7035, 7037, 8028, 9001, 9005, and 9010. If a non-standard paint is already in stock, then there are no set up charges applicable. Façade panels may be directional or differ in tone from batch to batch and can also show variance in the same colour. It is at the discretion of the client to satisfy themselves that our colour match is acceptable prior to installation. Mainline Products (UK) Ltd are unable to accept liability or offer compensation in this situation.



### Sampling

Mainline Products (UK) Ltd are unique in being able to provide a 'try before you buy' sampling service. All we require is the panel type and colour reference or a small sample panel. Within a few days we will be able to produce coated fasteners or profile samples ready for your client's approval.

### Ordering

Orders can be undertaken by Email or from our website:

**Email:** [sales@mainlineproducts.co.uk](mailto:sales@mainlineproducts.co.uk)

**Website:** [mainlineproducts.co.uk](http://mainlineproducts.co.uk)

We accept all major credit and debit cards. Credit accounts are available depending on credit references.

### Delivery Charges For Fixings And Small Box Items

The majority of our products are available from stock, however we require at least 3 to 4 working days from date of order for coated fixings. Orders with a value of £300 and above will be delivered free of charge to the UK. Orders under £300 will have a £16.00 charge applied to the order – additional carriage charges may apply when delivering to Highlands, Islands and other parts of Scotland & Ireland. If you would like a delivery outside the UK please contact our sales office on +44 (0)1782 629 270.




### Delivery Charges For Profiles

Our Profiles delivery charges are as follows – Orders above £300 are delivered free of charge. Orders under £300 carry a delivery charge of £75.

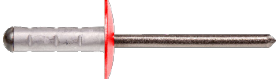





**Panel Manufacturers do change their system from time to time.  
If in any doubt, please check with your panel manufacturer.**






## Timber Fix – 8.0mm Sliding Point – No Fixed Point

Product	Code	Application
	SWLP 4.8 x 38	<b>6, 8 &amp; 10mm Panels</b> A2 Stainless Steel low-profile screw with a 12mm Head and a woodscrew thread To face fix panels to timber
	CT7549-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool







## Aluminium Sub Frame Rivet Fix – 10.0mm Sliding Point – 5.1mm Fixed Point

Product	Code	Application
	SSAL5/5.0 x 18 x 16	<b>6 &amp; 8mm Panels</b> 5.0 x 18 x 16mm head rivet Grip range of 8.0 – 14mm AlMg5 aluminium body – Stainless Mandrel
	SSAL5/5.0 x 25 x 16	<b>10 &amp; 13mm Panels only</b> 5.0 x 25 x 16mm head rivet Grip range of 12.5 – 18.0mm AlMg5 aluminium body – Stainless Mandrel
	CT9551	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool
	RT/ACB/NP/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051010	<b>Step Drill</b> One step site drill bit for 10.0mm hole in panels and 5.1mm hole in the aluminium rail




### Timber Fix – 8.0mm Sliding Point – 4.9mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 38	<b>6, 8 &amp; 12mm Panels</b> A2 Stainless Steel low-profile screw with a 12mm Head and a woodscrew thread To face fix panels to timber
	CT7549-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool







### Aluminium Sub Frame Rivet Fix – 9.0mm Sliding Point – 5.1mm Fixed Point

Product	Code	Application
	SSAL5/5.0 x 18 x 16	<b>6 &amp; 8mm Panels</b> 5.0 x 18 x 16mm head rivet Grip range of 8.0 – 14mm AlMg5 aluminium body – Stainless Mandrel
	SSAL5/5.0 x 25 x 16	<b>10 &amp; 12mm Panels only</b> 5.0 x 25 x 16mm head rivet Grip range of 12.5 – 18.0mm AlMg5 aluminium body – Stainless Mandrel
	CT8551	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool
	RT/ACB/NP/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051090	<b>Step Drill</b> One step site drill bit for 9.0mm hole in panels and 5.1mm hole in the aluminium rail




## Timber Fix – 7.0mm Sliding Point – 4.9mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 38	<b>6, 8 &amp; 10mm Panels</b> A2 Stainless Steel low-profile screw with a 12mm Head and a woodscrew thread To face fix panels to timber
	CT6549-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool







## Aluminium Sub Frame Rivet Fix – 7.0mm Sliding Point – 4.9mm Fixed Point

Product	Code	Application
	SSAL 4.8 x 18 x 16	<b>6 &amp; 8mm Panels only</b> 4.8 x 18 x 16mm head rivet Grip range of 6.5 – 12.5mm Aluminium body – Stainless Mandrel
	SSAL 4.8 x 23 x 16	<b>10mm Panels only</b> 4.8 x 23 x 16mm head rivet Grip range of 11 – 19.5mm Aluminium body – Stainless Mandrel
	CT6549	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-4.9	<b>Replacement drill bit</b> For the centralising tool
	RT/ACB/NP/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-049070	<b>Step Drill</b> One step site drill bit for 7.0mm hole in panels and 4.9mm hole in the aluminium rail.

### Timber Fix – 8.0mm Sliding Point – 6.0mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 38	<b>6, 8 &amp; 10mm Panels</b> A2 Stainless Steel low-profile screw with a 12mm Head and a woodscrew thread To face fix panels to timber
	CT7549-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool

### Aluminium Sub Frame Rivet Fix – 8.5mm Sliding Point – 5.1mm Fixed Point


Product	Code	Application
	SSAL5/5.0 x 18 x 16	<b>6 &amp; 8mm Panels</b> 5.0 x 18 x 16mm head rivet Grip range of 8.0 – 14mm AlMg5 aluminium body – Stainless Mandrel
	SSAL5/5.0 x 25 x 16	<b>10mm Panels only</b> 5.0 x 25 x 16mm head rivet Grip range of 12.5 – 18.0mm AlMg5 aluminium body – Stainless Mandrel
	CT8051	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool
	RT/ACB/NP/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051085	<b>Step Drill</b> One step site drill bit for 8.5mm hole in panels and 5.1mm hole in the aluminium rail






### Timber Screw Face Fix – 8.0mm Sliding Point – No Fixed Point

8mm Panels - Cembrit Cover, Cembrit Solid, Cembrit Transparent & Patina (no gasket with Patina)






Product	Code	Application
	SWLP 4.8 X 38	A2 Stainless Steel low-profile screw with a 12mm Head and a woodscrew thread To face fix panels to timber

### Self Drill Timber Screw Face Fix – No Sliding Point – No Fixed Point

8mm Panels - Cembrit Cover, Cembrit Solid, Cembrit Transparent & Patina (no gasket with Patina)





Product	Code	Application
	SWLP 4.8 x 38 /W	A2 Stainless Steel low-profile screw with a 12mm Head, a woodscrew thread and wings on the shank of the screw to create an oversized hole in the panel To face fix panels to timber

### Accessories






Product	Code	Application
	R-GAS-LOCKRIB	<b>Gasket</b> To be used in conjunction with the above screws on all Cembrit Panels except for Patina
	CT7549-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool above
	CAR080079	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 8.0mm diameter
	STEP-049080	<b>Step Drill</b> One step site drill bit for 8.0mm hole in panels and 4.9mm hole in the aluminium rail.

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Aluminium Sub-Frame Rivet Face Fix – 9.0mm Sliding Point – 4.1mm Fixed Point




Product	Code	Application
	SSAL5/4.0 x 18 x 15	<b>8mm Panels</b> 4.0 x 18 x 15mm Head Rivet Grip Range 8.0 – 13.0mm AlMg5 Aluminium Body – Stainless Mandrel
	SSAL5/4.0 x 25 x 15	<b>For longer grip range requirements</b> 4.0 x 25 x 15mm Head Rivet Grip Range 12.0 – 18.0mm AlMg5 Aluminium Body – Stainless Mandrel
	R-GAS-40113-EPDM	<b>Gasket</b> For above rivets when installing Cembrit Cover, Solid and Transparent – No Gasket required for Cembrit Patina
	SPACBUSH-Cembrit	<b>Rivet Bush</b> 8.8 Dia x 5.5mm Long x 4.1mm Spacer Bush – Aluminium In some circumstances, this item is not required, please contact Cembrit who will advise.

## Accessories






Product	Code	Application
	CT8541	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG 4.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/M/K15	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR041055	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 4.1mm diameter
	CAR090084	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 9.0mm diameter

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## Steel Sub-Frame Rivet Face Fix – 9.0mm Sliding Point – 4.1mm Fixed Point



Product	Code	Application
	SSSS 4.0 x 18 x 15	<b>8mm Panels</b> 4.0 x 18 x 15mm Head Rivet Grip Range 8.0 – 13.0mm A2 Stainless Body & Mandrel
	SSSS 4.0 x 25 x 15	<b>For longer grip range requirements</b> 4.0 x 25 x 15mm Head Rivet Grip Range 12.0 – 18.0mm A2 Stainless Body & Mandrel
	R-GAS-40113-EPDM	<b>Gasket</b> For above rivets when installing Cembrit Cover, Solid and Transparent – No Gasket required for Cembrit Patina

## Accessories






Product	Code	Application
	CT8541	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG 4.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/M/K15	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR041055	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 4.1mm diameter
	CAR090084	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 9.0mm diameter

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Steel Sub-Frame Rivet Face Fix – 9.0mm Sliding Point – 4.9mm Fixed Point



Product	Code	Application
	SSSS/MG 4.8 x 20 x 16	<b>8mm Panels</b> 4.8 x 20 x 16mm Head Rivet Grip Range 9.0 – 16.0mm A2 Stainless Body & Mandrel
	R-GAS-43114-EPDM	<b>Gasket</b> 4.0 x 25 x 15mm Head Rivet Grip Range 12.0 – 18.0mm AlMg5 Aluminium Body – Stainless Mandrel

## Accessories

Product	Code	Application
	CT8549	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG 4.9	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/M/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR049062	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 4.9mm diameter
	CAR090084	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 9.0mm diameter

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

### Timber Fix – 9.5mm Sliding Point – 4.9mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 38 x 14	<b>8mm Panels</b> A2 Stainless Steel low-profile screw with a 14mm Head and a woodscrew thread To face fix panels to timber
	SWLP 5.5 x 35 x 16	<b>A4 Stainless Steel low-profile screw</b> 16mm Head and a woodscrew thread To face fix panels to timber






### Aluminium Sub-Frame Rivet Face Fix – 9.5mm Sliding Point – 4.9mm Fixed Point

#### 8mm, 10mm & 12mm Panels

Product	Code	Application
	SSAL4.8 x 18 x 16	<b>8mm Panels</b> 4.8 x 18 x 16mm head rivet Grip range of 6.5 – 12.5mm Aluminium body – Stainless Mandrel
	SSAL4.8 x 23 x 16	<b>10 &amp; 12mm Panels</b> 4.8 x 23 x 16mm head rivet Grip range of 11 – 19.5mm Aluminium body – Stainless Mandrel
	SSSS/A4/MG/4820	<b>8mm &amp; 10mm Panels</b> 4.8 x 20 x 16mm head rivet Grip range of 5-13mm A4 stainless body-A4 stainless mandrel
	SSSS/4820/A4	<b>12mm Panels</b> 4.8 x 20 x 16mm head rivet Grip range of 10-15mm A4 stainless body-A4 stainless mandrel
	CT9049	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG 4.9	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR049062	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 4.9mm diameter
	CAR095084	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 9.5mm diameter

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Timber Fix – 9.5mm Sliding Point – 4.9mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 38 x 14	<b>7 &amp; 10mm Panels</b> A2 Stainless Steel low-profile screw with a 14mm Head and a woodscrew thread To face fix panels to timber
	R-GAS-4518	<b>Gasket</b> 4.5 x 1 x 8mm rubber gasket (washer) – for use with Riven Panels only
	CT9049-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool above
	CAR-049062	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 4.9mm diameter
	CAR-095084	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 9.5mm diameter

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Aluminium Sub Frame Rivet Fix – 9.5mm Sliding Point – 4.9mm Fixed Point





Product	Code	Application
	SSAL 4.8 x 18 x 16	<b>7.0mm Panels only</b> 4.8 x 18 x 16mm head rivet Grip range of 6.5 – 12.5mm Aluminium body (AIMg 2.5) – Stainless Mandrel
	SSAL 4.8 x 23 x 16	<b>10mm Panels only</b> 4.8 x 23 x 16mm head rivet Grip range of 11.0 – 19.5mm Aluminium body (AIMg 2.5) – Stainless Mandrel
	R-GAS-43114	<b>Gasket</b> 4.3 x 1 x 14mm rubber gasket (washer) – for use with Riven Panels only.
	CT9049	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG 4.9	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR-049062	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 4.9mm diameter
	CAR-095084	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 9.5mm diameter

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.







## Timber Fix – 8.5mm Sliding Point – 5.0mm Fixed Point

8mm – Ornimat, Decoboard, Puro Plus, Colormat, 10mm – Ornimat, Colormat, Decoboard & Puro Plus

Product	Code	Application
	SWLP 4.8 x 38	<b>8mm Panels</b> A2 Stainless Steel low-profile screw with a 12mm Head and a woodscrew thread To face fix panels to timber
	CT8049-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool above
	CAR085079	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 8.5mm diameter

## Aluminium Sub-Frame Rivet Face Fix – 8.5mm Sliding Point – 5.0mm Fixed Point






8mm – Ornimat, Decoboard, Puro Plus, Colormat, 10mm – Ornimat, Colormat, Decoboard & Puro Plus

Product	Code	Application
	SSAL 4.8 x 18 x 16	<b>8mm Panels</b> 4.8 x 18 x 16mm head rivet Grip range of 6.5 – 12.5mm Aluminium body – Stainless Mandrel
	SSAL 4.8 x 23 x 16	<b>10 &amp; 12mm Panels</b> 4.8 x 23 x 16mm head rivet Grip range of 11 – 19.5mm Aluminium body – Stainless Mandrel
	CT8049	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-4.9	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/K16	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR50062	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 5.0mm diameter
	CAR085079	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 8.5mm diameter

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Timber Fix – All holes 7.0mm

8mm Panels – Tectiva, Natura, Natura Pro Coated, Pictura, Pictura Pro Coated, Lunara and Linea



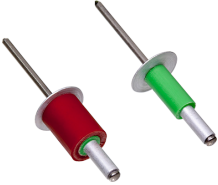





Product	Code	Application
	SWLP 5.5 x 35 x 16mm	<b>A4 Stainless Steel low-profile screw</b> 16mm Head and a woodscrew thread To face fix panels to timber
	MARCYL	<b>Screw Sleeve</b> A Stainless-Steel Sleeve for all holes on Pictura Pro Coated and Natura Pro Coated.
	CT6549-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool above
	CAR70074	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 7.0mm diameter

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## Aluminium Sub-Frame Rivet Face Fix – All holes 11mm

**8mm Panels** – Tectiva, Natura, Natura Pro Coated, Pictura, Pictura Pro Coated, Lunara and Linea







**12mm Panels** – Natura, Natura Pro Coated, Pictura, Pictura Pro Coated, Lunara and Linea

Product	Code	Application
	SSAL5/4.0 x 18 x 15	<b>8mm Panels</b> 4.0 x 18 x 15mm Head Rivet Grip Range 8.0 – 13.0mm AlMg5 Aluminium Body – Stainless Mandrel
	SSAL5/4.0 x 25 x 15	<b>12mm Panels</b> 4.0 x 25 x 15mm Head Rivet Grip Range 12.0 – 18.0mm AlMg5 Aluminium Body – Stainless Mandrel
	SPACEBUSH08-GREEN SPACEBUSH08-RED	<b>8mm Panels</b> Green Bush08 for all Rivets – Red Bush08 to go over the Green Bushes on 2 fixed points only
	SPACEBUSH12-GREEN SPACEBUSH12-RED	<b>12mm Panels</b> Green Bush12 for all Rivets – Red Bush12 to go over the Green Bushes on 2 fixed points only
	GAS/FLT/SA/ASTRO	<b>Single sided foam tape</b> 9mm x 15 Metres x 5mm thick. The 5mm thick tape is used on the Subframe Rails to hold the panel in place. The Bushes protrude beyond the panel thickness by approximately 2mm. When the Rivet is pulled the tape compresses to 2mm to bridge the gap between the panel, bushes and rail/tape, giving a flush fit
	CT10541	<b>Centralising Tool</b> Used on pre-drilled panel to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG 4.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/M/K15	<b>Rivet Spacer Nosepiece</b> Rivet Spacer Nosepiece Used to set the rivet off the panel face by 0.3mm
	CAR110095	<b>Carbide Drill bit</b> This drill bit is designed especially for drilling fibre cement material, unlike standard drill bits they will not burn out and cut a clean, non-flaking hole in the panel 11mm diameter – For drilling holes on site

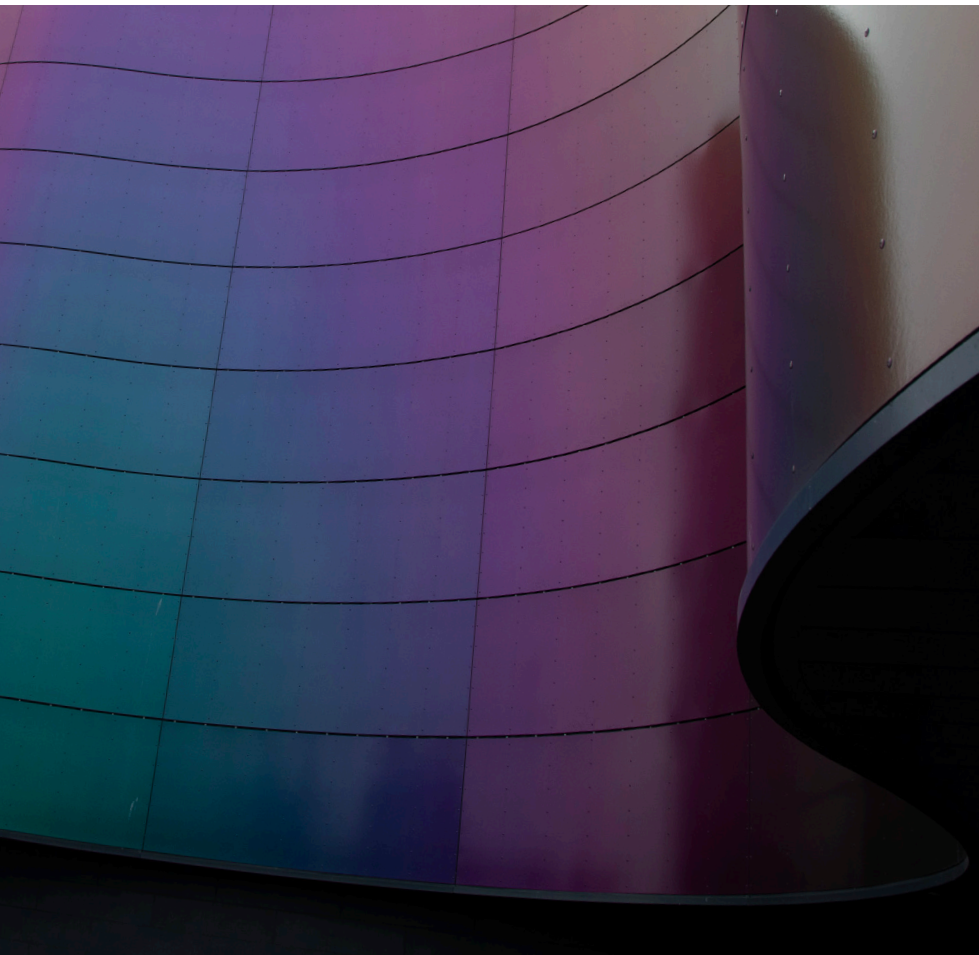
Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Aluminium Sub Frame Rivet Fix – 8.5mm Sliding Point – 5.1mm Fixed Point


7mm Panels – m.look

Product	Code	Application
	SSAL5/5.0 x 18 x 14	<b>7mm Panels</b> 5.0 x 18 x 14mm head rivet Grip range of 8.0 x 14mm AlMg5 aluminium body – Stainless Mandrel
	CT8051	<b>Centralising Tool</b> Used on pre-drilled panel to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG 5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/RP/K14	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR-51062	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 5.1mm diameter
	CAR-85079	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 8.5mm diameter

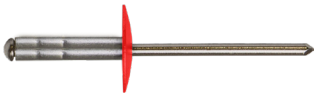




Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.



### Timber Screw Fix – 3.2mm Fixed Point

Product	Code	Application
	SWSH 4.5 X 35	<b>6, 8 &amp; 9mm Panels</b> A4 Stainless Steel low-profile screw with a 9.6mm Head and a woodscrew thread. To face fix panels to timber.





### Aluminium Sub Frame Rivet Fix – 8.0mm Sliding Point – 5.1mm Fixed Point

Product	Code	Application
	SSAL5/5.0 x 18 x 14	<b>6, 8 &amp; 9mm Panels</b> 5.0 x 18 x 14mm head rivet Grip range of 8.0 - 14mm AlMg5 aluminium body – Stainless Mandrel
	CT7551	<b>Centralising Tool</b> Used on pre-drilled panel to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/RP/K14	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051080	<b>Step Drill</b> One step site drill bit for 8.0mm hole in panels and 5.1mm hole in the aluminium rail

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.



## Timber Fix – 8.0mm Sliding Point – No Fixed Point

Product	Code	Application
	SWLP 4.8 x 38	<b>13mm Panels</b> A2 Stainless Steel low-profile screw with a 12mm Head and a wood screw thread To face fix panels to timber
	CT7549-STEP	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the timber behind the panel
	CT-STEP-049030	<b>Replacement drill bit</b> For the centralising tool above
	CAR-080079	<b>Carbide Drill Bit</b> For drilling sliding point holes on site 8.0mm Diameter

## Aluminium Sub Frame Rivet Fix – 8.0mm Sliding Point – 5.1mm Fixed Point



Product	Code	Application
	SSAL 5.0 x 25 x 14	<b>13mm Panels Only</b> 5.0 x 25 x 14mm head rivet Grip range of 15.0 – 21.0mm Aluminium body – Stainless Mandrel
	SPACBUSH-FIBRE C	<b>Aluminium Bush</b> 8.0mm Diameter 12mm Long x 5.1mm Internal diameter
	CT7551	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/RP/K14	<b>Rivet Spacer Nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	CAR-051062	<b>Carbide Drill Bit</b> For drilling panel fixed point holes on site 5.1mm diameter
	CAR-080079	<b>Carbide Drill Bit</b> For drilling panel sliding point holes on site 8.0mm diameter

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.










### Timber Fix

Product	Code	Application
	SWLP 4.8 x 25	<b>A2 Stainless Steel low-profile screw</b> 12mm Head and a wood screw thread To face fix panels to timber
	SWLP 4.8 x 38	<b>A2 Stainless Steel low-profile screw</b> 12mm Head and a wood screw thread To face fix panels to timber

### Face-fix to Aluminium Sub-frame and Cassette Joint Recess Screw






Product	Code	Application
	SWLP/SD/4.8 x 25/S	<b>A2 Stainless Steel low-profile screw</b> 12mm head and a self-drilling tip. To face fix panels to aluminium - ECT 15mm
	SWLP/SD/5.5 x 35/S	<b>A2 Stainless Steel low-profile screw</b> 12mm head and a self-drilling tip. To face fix panels to aluminium - ECT 18mm

### Side Stitching Rivet for Aluminium, Cassettes and Flashings / Copings, etc.






Product	Code	Application
	RBD 4.0 x 12/AS/MG	<b>4.0 x 12 x 8mm head rivet</b> Grip Range 4.0 – 9.5mm Aluminium body – Stainless Mandrel
	RBD 4.8 x 15/AS/MG	<b>4.8 x 15 x 9.5mm head rivet</b> Grip Range 4.5 – 11.0 Aluminium body – Stainless Mandrel
	RBC 4.8 x 12/AS	<b>4.8 x 12 x 120° head rivet</b> Grip Range 6.0 – 8.0mm Aluminium body – Stainless Mandrel

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Rivet Fix for 3 & 5mm panels under 1 Metre Wide – 7.0mm Sliding Point – Fixed Point 5.1mm

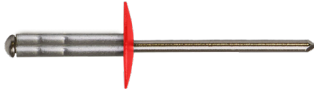




Product	Code	Application
	SSAL5/5.0 x 12 x 11	<b>5.0 x 12 x 11mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT6551	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> or the centralising tool above
	RT/ACB/NP/AL/K11	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051070	<b>Step Drill</b> One step site drill bit for 7.0mm hole in the panel and 5.1mm hole in the rail

## Rivet Fix for 3 & 5mm panels over 1 Metre Wide – 8.5mm Sliding Point – Fixed Point 5.1mm

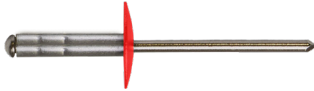




Product	Code	Application
	SSAL5/5.0 x 12 x 14	<b>5.0 x 12 x 14mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT8051	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/AL/K14	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051085	<b>Step Drill</b> One step site drill bit for 8.5mm hole in the panel and 5.1mm hole in the rail

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

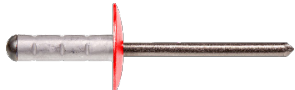
### Rivet Fix for 10mm panels under 1 Metre Wide – 7.0mm Sliding Point – Fixed Point 5.1mm

Product	Code	Application
	SSAL5/5.0 x 18 x 14	<b>6, 8 &amp; 9mm Panels</b> 5.0 x 18 x 14mm head rivet Grip range of 8.0 - 14mm ALMg5 aluminium body – Stainless Mandrel
	CT6551	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> or the centralising tool above
	RT/ACB/NP/AL/K14	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051070	<b>Step Drill</b> One step site drill bit for 7.0mm hole in the panel and 5.1mm hole in the rail

### Rivet Fix for 10mm panels over 1 Metre Wide – 8.5mm Sliding Point – Fixed Point 5.1mm

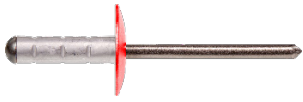
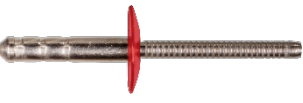




Product	Code	Application
	SSAL5/5.0 x 18 x 14	<b>6, 8 &amp; 9mm Panels</b> 5.0 x 18 x 14mm head rivet Grip range of 8.0 - 14mm ALMg5 aluminium body – Stainless Mandrel
	CT8051	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> or the centralising tool above
	RT/ACB/NP/AL/K14	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051085	<b>Step Drill</b> One step site drill bit for 8.5mm hole in the panel and 5.1mm hole in the rail

### Rivet for Cassettes and Flashings / Copings, etc.




Product	Code	Application
	SSAL4810	<b>4.8 x 10 x 16mm Head Rivet</b> Grip Range 1.5 – 6.5mm Aluminium Body – Stainless Mandrel

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Aluminium Sub Frame Rivet Fix – 7.0mm Sliding Point – 4.9mm Fixed Point

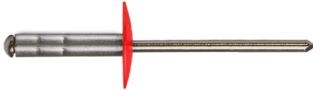




Product	Code	Application
	SSAL 4.8 x 18 x 16	<b>4.8 x 18 x 16mm head rivet</b> Grip range of 6.5 – 12.5mm Aluminium body – Stainless Mandrel
	SSSS/A4/MG/4820	<b>8mm &amp; 10mm Panels</b> 4.8 x 20 x 16mm head rivet Grip range of 5–13mm A4 stainless body–A4 stainless mandrel
	CT6549	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-4.9	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/K16	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-049070	<b>Step Drill</b> One step site drill bit for 7.0mm hole in the panel and 5.1mm hole in the rail

## Side Stitching Rivet for Cassettes and Flashings / Copings, etc.






Product	Code	Application
	RBD 4.0 x 12/AS/MG	<b>4.0 x 12 x 8mm head rivet</b> Grip Range 4.0 – 9.5mm Aluminium body – Stainless Mandrel
	RBD 4.8 x 15/AS/MG	<b>4.8 x 15 x 9.5mm head rivet</b> Grip Range 4.5 – 11.0 Aluminium body – Stainless Mandrel
	RBC 4.8 x 12/AS	<b>4.8 x 12 x 120° head rivet</b> Grip Range 6.0 – 8.0mm Aluminium body – Stainless Mandrel

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Rivet Fix for panels under 1 Metre Wide – 7.0mm Sliding Point – 5.1mm Fixed Point



Product	Code	Application
	SSAL5/5.0 x 12 x 14	<b>5.0 x 12 x 14mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT6551	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/AL/K14	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051070	<b>Step Drill</b> One step site drill bit for 7.0mm hole in the panel and 5.1mm hole in the rail

## Rivet Fix for panels over 1 Metre Wide – 8.5mm Sliding Point – 5.1mm Fixed Point



Product	Code	Application
	SSAL5/5.0 x 12 x 14	<b>5.0 x 12 x 14mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT8051	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/AL/K14	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051085	<b>Step Drill</b> One step site drill bit for 8.5mm hole in the panel and 5.1mm hole in the rail

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.




## Timber Fix – 9.5mm Sliding Point – 6.0mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 25	<b>A2 Stainless Steel low-profile screw</b> 12mm Head and a wood screw thread To face fix panels to timber
	SWLP 4.8 x 38	<b>A2 Stainless Steel low-profile screw</b> 12mm Head and a wood screw thread To face fix panels to timber

## Face-fix to Aluminium Sub-frame and Cassette Joint Recess Screw






Product	Code	Application
	SWLP/SD/4.8 x 25/S	<b>A2 Stainless Steel low-profile screw</b> 12mm head and a self-drilling tip. To face fix panels to aluminium – ECT 15mm
	SWLP/SD/5.5 x 35/S	<b>A2 Stainless Steel low-profile screw</b> 12mm head and a self-drilling tip. To face fix panels to aluminium – ECT 18mm

## Side Stitching Rivet for Aluminium, Cassettes and Flashings / Copings, etc.






Product	Code	Application
	RBD 4.0 x 12/AS/MG	<b>4.0 x 12 x 8mm head rivet</b> Grip Range 4.0 – 9.5mm Aluminium body – Stainless Mandrel
	RBD 4.8 x 15/AS/MG	<b>4.8 x 15 x 9.5mm head rivet</b> Grip Range 4.5 – 11.0 Aluminium body – Stainless Mandrel
	RBC 4.8 x 12/AS	<b>4.8 x 12 x 120° head rivet</b> Grip Range 6.0 – 8.0mm Aluminium body – Stainless Mandrel

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Rivet Fix for panels under 1 Metre Wide – 7.0mm Sliding Point – No Fixed Point

Product	Code	Application
	SSAL5/5.0 x 12 x 11	<b>5.0 x 12 x 11mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT6551	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/AL/K11	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051070	<b>Step Drill</b> One step site drill bit for 7.0mm hole in the panel and 5.1mm hole in the rail



## Rivet Fix for panels over 1 Metre Wide – 8.5mm Sliding Point – 5.1mm Fixed Point

Product	Code	Application
	SSAL5/5.0 x 12 x 14	<b>5.0 x 12 x 14mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT8051	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/AL/K14	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051085	<b>Step Drill</b> One step site drill bit for 8.5mm hole in the panel and 5.1mm hole in the rail


Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.




## Timber Fix – Panels Under 1 Metre Wide – 7.5mm Sliding Point – 6mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 25	<b>A2 Stainless Steel low-profile screw</b> 12mm Head and a wood screw thread To face fix panels to timber
	SWLP 4.8 x 38	<b>A2 Stainless Steel low-profile screw</b> 12mm Head and a wood screw thread To face fix panels to timber


## Timber Fix – Panels 1-2 Metre Wide – 8.5mm Sliding Point – 6mm Fixed Point

Product	Code	Application
	SWLP 4.8 x 38 x 14	<b>A2 Stainless Steel low-profile screw</b> 14mm Head and a wood screw thread To face fix panels to timber

## Timber Fix – Panels Over 2 Metre Wide – 9.85mm Sliding Point – 6.7mm Fixed Point

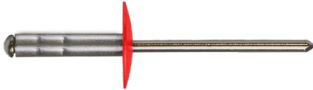



Product	Code	Application
	SWLP 5.5 x 35 x 16	<b>A4 Stainless Steel low-profile screw</b> 16mm Head and a wood screw thread To face fix panels to timber

## Face-fix to Aluminium Sub-frame for Panels Under 1 Metre Wide






Product	Code	Application
	SWLP/SD/4.8 x 25/S	<b>A2 Stainless Steel low-profile screw</b> 12mm head and a self-drilling tip. To face fix panels to aluminium - ECT 15mm

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

## Rivet Fix for panels under 1 Metre Wide – 7.5mm Sliding Point – 5.1mm Fixed Point



Product	Code	Application
	SSAL5/5.0 x 12 x 11	<b>5.0 x 12 x 11mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT7051	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/AL/K11	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm

## Rivet Fix for panels over 1–1.5 Metre Wide – 8.5mm Sliding Point – 5.1mm Fixed Point



Product	Code	Application
	SSAL5/5.0 x 12 x 14	<b>5.0 x 12 x 14mm head rivet</b> Grip Range 5 – 8mm AlMg5 Aluminium body – Stainless Mandrel
	CT8051	<b>Centralising Tool</b> Used on pre-drilled panels to ensure a concentric hole is drilled in the aluminium behind the panel
	CT-HDRLG-5.1	<b>Replacement drill bit</b> For the centralising tool above
	RT/ACB/NP/AL/K14	<b>Rivet spacer nosepiece</b> Used to set the rivet off the panel face by 0.3mm
	STEP-051085	<b>Step Drill</b> One step site drill bit for 8.5mm hole in the panel and 5.1mm hole in the rail

Panel Manufacturers do change their system from time to time. If in any doubt, please check with your panel manufacturer.

**Rivet Head Removal Tool – For the safe, fast and clean removal of installed façade rivet heads**

Product	Code	Application
	RRT/K14/2022	<b>Rivet Removal Tool</b> For use with K14 Rivet
	RRT/K15/2022	<b>Rivet Removal Tool</b> For use with K15 Rivet
	RRT/K16/2022	<b>Rivet Removal Tool</b> For use with K16 Rivet
	CT/RR	<b>Drill Bit</b> Spare drill bit for rivet removal tool

**Repair Rivet**

Product	Code	Application
	SSAL/RR/6020	<b>Repair Rivet</b> 6.0 x 20 x 16 All Stainless Repair Rivet Grip Range 8.0 – 14mm
	HDRSTG 6.1	<b>Drill Bit</b> 6.1mm for HSS Drill Bit

## For Face fixing to Timber Battens – A2 Stainless Steel



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	Grade of Stainless
SWLP4825/A2S	4.8	25	12	T20	A2
SWLP4832/A2S	4.8	32	12	T20	A2
SWLP4838/A2S	4.8	38	12	T20	A2
SWLP483814/A2S	4.8	38	14	T20	A2
SWLP4860/A2S	4.8	60	12	T20	A2

## For Face fixing to Timber Battens – A2 S/S



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	Grade of Stainless
SWLP4838/W/A2S	4.8	38	12	T20	A2

## For Face fixing panels to timber battens – For Marine and Harsh Environments A4 S/S



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	Grade of Stainless
SWSH4535/A4S	5.5	35	9.6	T20	A4
SWLP5525/A4S	5.5	25	12	T20	A4
SWLP5535/A4S	5.5	35	12	T20	A4
SWLP553516/A4S	5.5	35	16	T20	A4
SWLP5545/A4S	5.5	45	12	T20	A4
SWLP5555/A4S	5.5	55	12	T20	A4
SWLP556514/A4S	5.5	65	14	T20	A4
SWLP558014/A4S	5.5	80	14	T20	A4
SWLP5510014/A4S	5.5	100	14	T20	A4

**Especially suited for face fixing ACM Panels & Cassette Joint Recess to Aluminium Rail – Aluminium sections from 1.2 to 3.5mm in thickness  
– Low profile dome head**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SD/4825/S	4.8	25	12	T20	15	A2
SWLP/SD/5535/S	5.5	35	12	T20	18	A2
SWLP/SD/4825/S/S12	4.8	25	12	T20	13	A2
SWLP/SD/5535/S/S12	5.5	35	12	T20	16	A2

ECT = Effective Clamping Tolerance

**Especially suited to Face fix Aluminium Flashings from 0.7 to 2.0mm to Timber Battens Low profile dome head**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SD/4935/S	4.9	35	12	T20	N/A	A2
SWLP/SD/4935/S/S12	4.9	35	12	T20	N/A	A2

ECT = Effective Clamping Tolerance

**Especially suited for fixing aluminium profiles to aluminium substructure.  
Aluminium sections from 1.5 to 4.0mm in thickness – Low profile dome head**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SD/4.8 x 19 /S	4.8	19	12	T25	0.0–9.0	A2
SWLP/SD/4.8 x 19/S/S12	4.8	19	12	T25	1.5–6.0	A2
SWLP/SD/5.5 x 19 /S	5.5	19	12	T25	1.5–7.0	A2
SWLP/SD/5.5 x 19/S/S12	5.5	19	12	T25	1.5–5.0	A2

ECT = Effective Clamping Tolerance

**Especially suited for fixing aluminium profiles to aluminium substructure.  
Aluminium sections from 1.5 to 4.0mm in thickness – Low profile Dome head**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
PSR/T25/4.8 x 19 /S	4.8	19	9	T25	1.5–9.0	A2
PSR/T25/4.8 x 25 /S	4.8	25	9	T25	1.5–15.0	A2
PSR/T25/4.8 x 19 /S/S12	4.8	19	9	T25	1.5–7.0	A2
PSR/T25/4.8 x 25 /S/S12	4.8	25	9	T25	1.5–13.0	A2

ECT = Effective Clamping Tolerance

# Bi Metallic Stainless-Steel Low-Profile Screws – Self-Drilling – Reduced Drill Tip

**Especially suited for Profiled roofing and cladding sheets to Timber & Aluminium roofing and cladding sheets to Timber – Steel sections from 0.7 to 2.0mm in thickness**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDR/4.9 x 35/BI	4.9	35	12	T25	N/A	Bi Met
SWLP/SDR/4.9 x 35/BI/S12	4.9	35	12	T25	N/A	Bi Met

ECT = Effective Clamping Tolerance

**Especially suited for Stitching Steel and aluminium flashings to roofing and cladding sheets and for Stitching 2 x 0.5mm up to 2 x 1.0mm in thickness**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDR/4.8 X 19/BI	4.8	19	12	T25	2.0 – 6.0	Bi Met
SWLP/SDR/4.8 X 19/BI/S12	4.8	19	12	T25	0.5 – 4.0	Bi Met
SWLP/SDR/6.3 X 25/BI	6.3	19	12	T25	2.0 – 11.0	Bi Met
SWLP/SDR/6.3 X 25/BI/S12	6.3	19	12	T25	0.5 – 9.0	Bi Met

ECT = Effective Clamping Tolerance

**For Profiled roofing and cladding sheets to light steel sections & Aluminium roofing and cladding sheets to medium steel sections from 1.2 to 2.5mm in thickness**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDR/5525/BI	5.5	25	12	T25	2.0 – 9.0	A2

**Especially suited for fixing metal to profiled sheet or sandwich panels  
& Fixing plastic clips to profiled metal or sandwich panels  
- Stitching 2 x 0.5mm up to 2 x 1.0mm in thickness**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDP/5.5 X 25/BI	5.5	25	12	T25	0.0 - 10.0	Bi Met
SWLP/SDP/5.5 X 25/BI/S12	5.5	25	12	T25	0.5 - 8.0	Bi Met

ECT = Effective Clamping Tolerance

**Especially suited for Steel sections from 1.2 to 3.0 mm in thickness.  
Very Low profile head to prevent interference.**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDL/LT3/5.5 x 25 BI	5.5	25	12	T25	2.0 - 10.0	Bi Met

ECT = Effective Clamping Tolerance



**Especially suited for Roofing or cladding sheets to light steel sections  
& Aluminium roofing and cladding sheets to light Steel sections from  
1.5 to 3.0mm in thickness**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDL/5.5 X 50/BI	5.5	50	12	T25	0.7 – 32.0	Bi Met
SWLP/SDL/5.5 X 50/BI/S12	5.5	50	12	T25	0.0 – 31.0	Bi Met

ECT = Effective Clamping Tolerance

**Especially suited for Roofing or cladding sheets to Medium steel sections  
& Aluminium roofing and cladding sheets to medium Steel sections from  
1.2 to 6.0mm in thickness**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDM/5.5 X 25/BI	5.5	25	12	T25	1.2 – 8.0	Bi Met
SWLP/SDM/5.5 X 35/BI	5.5	35	12	T25	1.2 – 18.0	Bi Met
SWLP/SDM/5.5 X 25/BI/S12	5.5	25	12	T25	0.0 – 7.0	Bi Met
SWLP/SDM/5.5 X 35/BI/S12	5.5	35	12	T25	0.0 – 17.0	Bi Met

ECT = Effective Clamping Tolerance

**Especially suited for Roofing or cladding sheets to Heavy steel sections  
& Aluminium roofing and cladding sheets to medium Steel sections from  
4.0 to 12.0mm in thickness**



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Head Recess	ECT (mm)	Grade of Stainless
SWLP/SDH/5540/BI	5.5	40	12	T25	4.0 – 14.0	Bi Met
SWLP/SDH/5540/BI/S12	5.5	40	12	T25	4.0 – 12.0	Bi Met

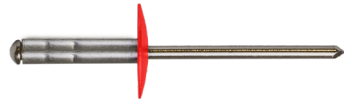
ECT = Effective Clamping Tolerance

## Dome Head 11mm Large Flange Rivets



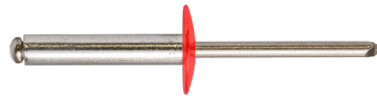
Code	Diameter (mm)	Length (mm)	Head Size (mm)	Grip Range (mm)	Body Material	Grade of Aluminium	Mandrel	Units of Sale
SSAL5/501211	5.0	12	11	5.0 – 8.0	Aluminium	AlMg 5	Stainless	100

## Dome Head 14mm Large Flange Rivets



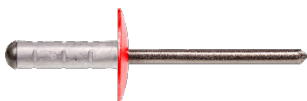
Code	Diameter (mm)	Length (mm)	Head Size (mm)	Grip Range (mm)	Body Material	Grade of Aluminium	Mandrel	Units of Sale
SSAL5/501214	5.0	12	14	5.0 – 8.0	Aluminium	AlMg 5	Stainless	100
SSAL501414	5.0	14	14	8.0 – 10.0	Aluminium	AlMg 3.5	Stainless	100
SSAL5/501814	5.0	18	14	8.0 – 14.0	Aluminium	AlMg 5	Stainless	100

## Dome Head 15mm Large Flange Rivets



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Grip Range (mm)	Body Material	Grade of Aluminium	Mandrel	Units of Sale
SSAL5/4018	4.0	18	15	8.0 – 13.0	Aluminium	AlMg 5	Stainless	100
SSAL5/4025	4.0	25	15	12.0 – 18.0	Aluminium	AlMg 5	Stainless	100

## Dome Head 16mm Large Flange Rivets



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Grip Range (mm)	Body Material	Grade of Aluminium	Mandrel	Units of Sale
SSAL481016	4.8	10	16	1.5 – 6.5	Aluminium	AlMg 2.5	Stainless	100
SSAL481816	4.8	18	16	6.5 – 12.5	Aluminium	AlMg 2.5	Stainless	100
SSAL482316	4.8	23	16	11.0 – 19.5	Aluminium	AlMg 2.5	Stainless	100
SSAL483016	4.8	30	16	23.0 – 25.0	Aluminium	AlMg 2.5	Stainless	100
SSAL5/501816	5.0	18	16	8.0 – 14.0	Aluminium	AlMg 5	Stainless	100
SSAL5/502516	5.0	25	16	12.5 – 18.0	Aluminium	AlMg 5	Stainless	100

## 120° Countersunk Rivets



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Grip Range (mm)	Body Material	Grade of Aluminium	Mandrel	Units of Sale
RBC4812/AS	4.8	12	9	6.0 – 8.0	Aluminium	AlMg3.5	Stainless	100

## Dome Head Rivets



Code	Diameter (mm)	Length (mm)	Head Size (mm)	Grip Range (mm)	Body Material	Grade of Aluminium	Mandrel	Units of Sale
RBD4095/AS/MG	4.0	9.5	8.0	1.5 – 6.5	Aluminium	AlMg2.5	Stainless	100
RBD4012/AS/MG	4.0	12.0	8.0	4.0 – 9.5	Aluminium	AlMg2.5	Stainless	100
RBD4017/AS/MG	4.0	17.0	8.0	8.5 – 13.5	Aluminium	AlMg2.5	Stainless	100
RBD4810/AS/MG	4.8	10.0	9.5	1.0 – 6.0	Aluminium	AlMg2.5	Stainless	100
RBD4815/AS/MG	4.8	15.0	9.5	4.5 – 11.0	Aluminium	AlMg2.5	Stainless	100

## Dome Head 15mm Large Flange Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
SSSS4018	4.0	18	15	12.0 – 14.0	A2 Stainless	A2 Stainless	100
SSSS4025	4.0	25	15	15.5 – 20.5	A2 Stainless	A2 Stainless	100

## Dome Head 16mm Large Flange Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
SSSS4814	4.8	14	16	8.0 – 10.0	A2 Stainless	A2 Stainless	100
SSSS4816	4.8	16	16	9.5 – 11.0	A2 Stainless	A2 Stainless	100
SSSS4818	4.8	18	16	11.0 – 13.0	A2 Stainless	A2 Stainless	100
SSSS4820	4.8	20	16	13.0 – 16.0	A2 Stainless	A2 Stainless	100
SSSS4822	4.8	22	16	16.0 – 18.0	A2 Stainless	A2 Stainless	100
SSSS4825	4.8	25	16	17.0 – 20.0	A2 Stainless	A2 Stainless	100

## Dome Head 16mm Large Flange Multi Grip Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
SSSS/MG/4820	4.8	20	16	9.0 – 16	A2 Stainless	A2 Stainless	100

## 120° Countersunk Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
RBC4812SS	4.8	12	9	5.0 – 8.0	A2 Stainless	A2 Stainless	100

## Dome Head Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
RBD4812/MG/SS	4.8	12.0	9.8	3.0 – 7.0	A2 Stainless	A2 Stainless	100
RBD4815/MG/SS	4.8	15.0	9.8	6.0 – 10.0	A2 Stainless	A2 Stainless	100
RBD4817/MG/SS	4.8	17.5	9.8	9.0 – 12.5	A2 Stainless	A2 Stainless	100

### Dome Head 16mm Large Flange Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
SSSS4810A4	4.8	10	16	4.0 – 6.0	A4 Stainless	A4 Stainless	100
SSSS4812A4	4.8	12	16	6.0 – 8.0	A4 Stainless	A4 Stainless	100
SSSS4814A4	4.8	14	16	8.0 – 10.0	A4 Stainless	A4 Stainless	100
SSSS4816A4	4.8	16	16	9.0 – 11.0	A4 Stainless	A4 Stainless	100
SSSS4818A4	4.8	18	16	7.0 – 13.0	A4 Stainless	A4 Stainless	100
SSSS4820A4	4.8	20	16	11.0 – 15.0	A4 Stainless	A4 Stainless	100
SSSS4822A4	4.8	22	16	15.0 – 18.0	A4 Stainless	A4 Stainless	100
SSSS4825A4	4.8	25	16	16.0 – 20.0	A4 Stainless	A4 Stainless	100

### Dome Head 16mm Large Flange Multi-Grip Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
SSSS4820/A4/MG	4.8	20	16	5.0 – 13.0	A4 Stainless	A4 Stainless	100

### Dome Head Standard Flange Rivets



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel	Units of Sale
RBD4808A4	4.8	08	9.5	1.5 – 4.0	A4 Stainless	A4 Stainless	100
RBD4810A4	4.8	10	9.5	4.0 – 6.0	A4 Stainless	A4 Stainless	100
RBD4812A4	4.8	12	9.5	6.0 – 8.0	A4 Stainless	A4 Stainless	100
RBD4814A4	4.8	14	9.5	8.0 – 9.5	A4 Stainless	A4 Stainless	100
RBD4816A4	4.8	16	9.5	9.5 – 11.0	A4 Stainless	A4 Stainless	100
RBD4818A4	4.8	16	9.5	11.0 – 13.0	A4 Stainless	A4 Stainless	100
RBD4820A4	4.8	20	9.5	13.0 – 16.0	A4 Stainless	A4 Stainless	100

## Dome Head – Aluminium Body / Aluminium Mandrel



Code	Diameter (mm)	Length (mm)	Head (mm)	Grip Range (mm)	Body Material	Mandrel Aluminium	Units of Sale
BT-6604-6-3W	5.2	17.5	12.50	1.2 – 4.8	AlMg3.0	AlMg3.0	100
BT-6604-6-4W	5.2	19.1	12.50	1.5 – 6.4	AlMg3.0	AlMg3.0	100
BT-6604-6-6W	5.2	22.2	12.50	4.9 – 9.6	AlMg3.0	AlMg3.0	100
BT-6604-6-8W	5.2	25.4	12.50	7.9 – 12.7	AlMg3.0	AlMg3.0	100
BT-6604-6-10W	5.2	28.6	12.50	11.1 – 15.9	AlMg3.0	AlMg3.0	100
BT-6604-6-12W	5.2	31.8	12.50	14.3 – 19.1	AlMg3.0	AlMg3.0	100
BT-6604-8-6W	6.3	23.8	13.95	3.1 – 9.6	AlMg3.0	AlMg3.0	100
BT-6604-9-6W	7.7	27.5	18.50	1.0 – 9.5	AlMg3.0	AlMg3.0	100

Product	Code	Description	Units of Sale
	BT-NP-5.2	Nose Piece for 5.2mm Rivet	1
	BT-NP-6.3	Nose Piece for 6.3mm Rivet	1
	BT-NP-7.7	Nose Piece for 7.7mm Rivet	1

## Centralising Tools



Product	Code	Description
	CT6549mm	Centralising Tool 7.0mm Sliding Point - 4.9mm Drill
	CT6551mm	Centralising Tool 7.0mm Sliding Point - 5.1mm Drill
	CT7541mm	Centralising Tool 8.0mm Sliding Point - 4.1mm Drill
	CT7549mm	Centralising Tool 8.0mm Sliding Point - 4.9mm Drill
	CT7551mm	Centralising Tool 8.0mm Sliding Point - 5.1mm Drill
	CT8049mm	Centralising Tool 8.5mm Sliding Point - 4.9mm Drill
	CT8051mm	Centralising Tool 8.5mm Sliding Point - 5.1 mm Drill
	CT8541mm	Centralising Tool 9.0mm Sliding Point - 4.1mm Drill
	CT8549mm	Centralising Tool 9.0mm Sliding Point - 4.9mm Drill
	CT8551mm	Centralising Tool 9.0mm Sliding Point - 5.1mm Drill
	CT9049mm	Centralising Tool 9.5mm Sliding Point - 4.9mm Drill
	CT9051mm	Centralising Tool 9.5mm Sliding Point - 5.1mm Drill
	CT9549mm	Centralising Tool 10mm Sliding Point - 4.9mm Drill
	CT9551mm	Centralising Tool 10mm Sliding Point - 5.1mm Drill
	CT10541mm	Centralising Tool 11.0mm Sliding Point - 4.1mm Drill

## Centralising Tool Replacement and Drills



### For Aluminium Rails



Product	Code	Description
	CTHDRLG 4.1	4.10mm Long Series Ground - D End HSS Replacement Drill Bit
	CTHDRLG 4.9	4.90mm Long Series Ground - D End HSS Replacement Drill Bit
	CTHDRLG 5.1	5.10mm Long Series Ground - D End HSS Replacement Drill Bit




## Rivet Head Removal Tool – For the safe, fast and clean removal of installed façade rivet heads


Product	Code	Application
	RRT/K14/2022	<b>Rivet Removal Tool</b> For use with K14 Rivet
	RRT/K15/2022	<b>Rivet Removal Tool</b> For use with K15 Rivet
	RRT/K16/2022	<b>Rivet Removal Tool</b> For use with K16 Rivet
	CT/RR	<b>Drill Bit</b> Spare drill bit for rivet removal tool

## Rivet Spacer Nose Pieces


### Hex Nosepieces – For use with solid panels

Product	Code	Description
	RT/ACB/NP/K16	Rivet Spacer Hex Nosepiece for K16 Rivets
	RT/ACB/NP/M/K15	Rivet Spacer Hex Nosepiece for K15 Rivets
	RT/ACB/NP/RP/K14	Rivet Spacer Hex Nosepiece for K14 Rivets


### Round Nosepieces – For use with aluminium and composite panels

Product	Code	Description
	RT/ACB/NP/AL/K11	Rivet Spacer Nosepiece for K11 Rivets 50mm Outer Diameter
	RT/ACB/NP/AL/K14	Rivet Spacer Nosepiece for K14 Rivets 50mm Diameter


### Rivet Spacer Bushes – For use with rivets for Equitone panels

Product	Code	Description
	RSPACBUSH 08 Green	Green Bush for 8mm Board
	SPACBUSH 08 Red	Red Bush for 8mm Board
	SPACBUSH 12 Green	Green Bush for 12mm Board
	SPACBUSH 12Red	Red Bush for 12mm Board

## HSS Step Drills

Product	Code	Description
	STEP-049070	HSS Step Drill - 4.9 x 7.0
	STEP-049080	HSS Step Drill - 4.9 x 8.0
	STEP-049085	HSS Step Drill - 4.9 x 8.5
	STEP-049090	HSS Step Drill - 4.9 x 9.0
	STEP-049010	HSS Step Drill - 4.9 x 10.0
	STEP-051070	HSS Step Drill - 5.1 x 7.0
	STEP-051080	HSS Step Drill - 5.1 x 8.0
	STEP-051085	HSS Step Drill - 5.1 x 8.5
	STEP-051090	HSS Step Drill - 5.1 x 9.0
	STEP-051010	HSS Step Drill - 5.1 x 10.0

## Carbide Drills

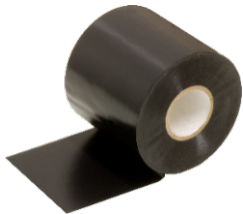
Product	Code	Description
	CAR-030046	3.0 x 16mm Flute x 46mm Long
	CAR-041055	4.1 X 22mm Flute x 55mm Long
	CAR-049062	4.9 X 26mm Flute x 62mm Long
	CAR-050062	5.0 X 26mm Flute x 62mm Long
	CAR-051062	5.1 x 26mm Flute x 62mm Long
	CAR-055066	5.5 x 28mm Flute x 66mm Long
	CAR-060066	6.0 x 28mm Flute x 66mm Long
	CAR-065070	6.5 x 31mm Flute x 70mm Long
	CAR-070074	7.0 x 34mm Flute x 74mm Long
	CAR-080079	8.0 x 37mm Flute x 79mm Long
	CAR-083079	8.3 X 37mm Flute x 79mm Long
	CAR-085079	8.5 X 37mm Flute x 79mm Long
	CAR-090084	9.0 X 40mm Flute x 84mm Long
	CAR-095084	9.5 X 40mm Flute x 84mm Long
	CAR-110095	11.0 X 47mm Flute x 95mm Long
	CAR-140107	14.0 X 54mm Flute X 107mm Long

## EPDM Flexible Finned Gasket for Timber Batten Joints



Product	Code	Description
	GAS/FIN/36/BL	36mm x 25 Metre Roll Flexible Finned Gasket
	GAS/FIN/60/BL	60mm x 25 Metre Roll Flexible Finned Gasket
	GAS/FIN/75/BL	75mm x 25 Metre Roll Flexible Finned Gasket
	GAS/FIN/100/BL	100mm x 25 Metre Roll Flexible Finned Gasket

## PVC Shadowline Tape



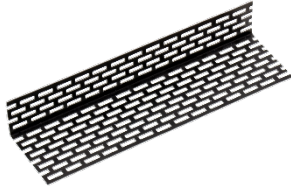
Product	Code	Description
	GAS/SHL/040/PVC	40mm x 33 Metre Roll Shadow Line Tape
	GAS/SHL/050/PVC	50mm x 33 Metre Roll Shadow Line Tape
	GAS/SHL/075/PVC	75mm x 33 Metre Roll Shadow Line Tape
	GAS/SHL/100/PVC	100mm x 33 Metre Roll Shadow Line Tape
	GAS/SHL/120/PVC	120mm x 33 Metre Roll Shadow Line Tape

## Blackout Tape / Anti Rattle Tape for Aluminium Sub-Frame




Product	Code	Description
	GAS/FLT/SA/035	35mm x 25 Metre Roll Blackout / Anti Rattle Tape
	GAS/FLT/SA/050	50mm x 25 Metre Roll Blackout / Anti Rattle Tape
	GAS/FLT/SA/060	60mm x 25 Metre Roll Blackout / Anti Rattle Tape
	GAS/FLT/SA/080	80mm x 25 Metre Roll Blackout / Anti Rattle Tape
	GAS/FLT/SA/100	100mm x 25 Metre Roll Blackout / Anti Rattle Tape

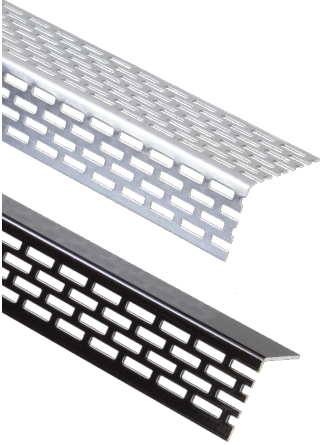
### Rigid PVC Vent Profile – 2.5 Metre Length

Product	Code	First Diameter (mm)	Larger Diameter (mm)	Free Ventilation cross Section cm <sup>2</sup> /linear metre	Pack Size
	VP/RP/2525/BL	25	25	112	10
	VP/RP/3030/BL	30	30	134	10
	VP/RP/3050/BL	30	50	246	10
	VP/RP/3060/BL	30	60	291	10
	VP/RP/3070/BL	30	70	358	10
	VP/RP/3090/BL	30	90	470	10

### Vent Profile Rigid PVC

Product	Code	Width (mm)	Length (Metre)	Free Ventilation cross Section cm <sup>2</sup> /linear metre	Pack Size
	VP/FP/050x5BL	50	5	269	10
	VP/FP/080x5BL	80	5	426	10
	VP/FP/100x5BL	100	5	538	10
	VP/FP/150x5BL	150	5	648	10
	VP/FP/180x5BL	180	5	792	10
	VP/FP/050x60BL	50	60	269	10
	VP/FP/080x60BL	80	60	426	10
	VP/FP/100x60BL	100	60	538	10

## Rigid PVC Vent Profile – 2.5 Metre Length

Product	Code	Size	Larger Diameter (mm)	Free Ventilation cross Section cm <sup>2</sup> /linear metre	Pack Size
	VP30030MF	30 x 30	Mill Finish	92/92	20
	VP30040MF	30 x 40	Mill Finish	92/139	20
	VP30050MF	30 x 50	Mill Finish	92/185	20
	VP30060MF	30 x 60	Mill Finish	208	10
	VP30070MF	30 x 70	Mill Finish	254	10
	VP30090MF	30 x 90	Mill Finish	346	10
	VP30100MF	30 x 100	Mill Finish	393	10
	VP30120MF	30 x 120	Mill Finish	462	10
	VP50050MF	50 x 50	Mill Finish	185/185	20
	VP50070MF	50 x 70	Mill Finish	185/255	20
	VP30040BL	30 x 40	Black	92/139	20
	VP30050BL	30 x 50	Black	92/185	20
	VP30060BL	30 x 60	Black	208	10
	VP30070BL	30 x 70	Black	254	10
	VP30100BL	30 x 100	Black	393	10
	VP30120BL	30 x 120	Black	462	10
	VP50050BL	50 x 50	Black	185/185	20
	VP50070BL	50 x 70	Black	185/255	20

Where Free Vent shows two figures i.e. 185/185 it is vented both sites

### External Corner – 3.0 Metre Length

Product	Code	Board Thickness	Black	White	Pack Size
	PRF/RP/EC/06-08	6.0mm	✓	✓	10
	PRF/RP/EC/08-10	8.0mm	✓	✓	10
	PRF/RP/EC/10-12	10.0mm	✓	✓	10
	PRF/RP/EC/12-15	12.0mm	✓	✓	10

### External Corner – 3.0 Metre Length

Product	Code	Board Thickness	Black	White	Pack Size
	PRF/RP/ECC/065	6.0mm	✓	✓	10
	PRF/RP/ECC/085	8.0mm	✓	✓	10

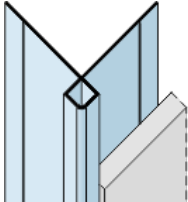
### PVC Joint Profile – 2.5 Metre Length

Product	Code	Board Thickness	Black	White	Pack Size
	PRF/RP/JB/065	6.0mm	✓	✓	10
	PRF/RP/JB/085	8.0mm	✓	✓	10
	PRF/RP/JB/010	10.0mm	✓	✓	10

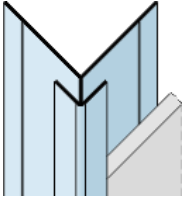
### PVC Joint Profile – 2.5 Metre Length

Product	Code	Board Thickness	Black	White	Pack Size
	PRF/RP/SG/065	6.0mm	✓	✓	10
	PRF/RP/SG/085	8.0mm	✓	✓	10
	PRF/RP/SG/105	10.0mm	✓	✓	10

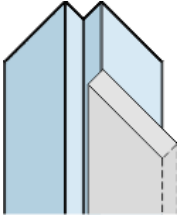
## External Corner – 3.0 Metre Length

Product	Code	To Suit Panel Thickness	COLOUR	
			Black	Mill Finish
	PRF/AL/EC/08	8	✓	✓
	PRF/AL/EC/10	10	✓	✓
	PRF/AL/EC/12	12	✓	✓

## External Corner – 3.0 Metre Length

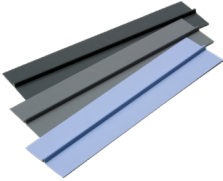
Product	Code	To Suit Panel Thickness	COLOUR	
			Black	Mill Finish
	PRF/AL/ECA/08	8	✓	✓
	PRF/AL/ECA/10	10	✓	✓

## Internal Corner – 2.5 Metre Length

Product	Code	To Suit Panel Thickness	COLOUR	
			Black	Mill Finish
	PRF/AL/EC/12	12	✓	✓

\*Standard RAL colours are available subject to minimum quantity. Please call our sales office to enquire.

### Aluminium Joint Profile (Birds Beak) – 2.5 Metre

Product	Code	Width (mm)	COLOUR
			Black
	PRF/AL/BB/06/BL/2.5	65	✓

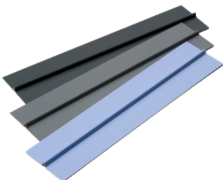
Only available in Black

### Aluminium Joint Profile (Birds Beak) – 3.0 Metre

Product	Code	Width (mm)	COLOUR
			Black
	PRF/AL/BB/06/BL/3.0	65	✓
	PRF/AL/BB/47/BL/3.0	47	✓

Only available in Black

### Aluminium Flat Strip – 2.5 Metre

Product	Code	Width (mm)	COLOUR
			Black
	PRF/AL/JPF/65/2500/B	65	✓

Only available in Black

\*Standard RAL colours are available subject to minimum quantity. Please call our sales office to enquire.



## Ground HSS Drill Bits (Standard) – Din 338 RN

For Timber and Aluminium



Cone envelope grinding  
118° point angle for precise  
engineering



Strengthened core  
particularly resistant  
to breakage



Precision ground flutes  
and diameter for excellent  
dimensional accuracy

Code	Size (mm)	Flute Length (mm)	Box Qty
HDRSTG2.0	HSS ground drill bit 2.0mm	24	10
HDRSTG2.5	HSS ground drill bit 2.5mm	30	10
HDRSTG3.0	HSS ground drill bit 3.0mm	33	10
HDRSTG3.5	HSS ground drill bit 3.5mm	39	10
HDRSTG3.6	HSS ground drill bit 3.6mm	39	10
HDRSTG4.0	HSS ground drill bit 4.0mm	43	10
HDRSTG4.1	HSS ground drill bit 4.1mm	41	10
HDRSTG4.2	HSS ground drill bit 4.2mm	43	10
HDRSTG4.5	HSS ground drill bit 4.5mm	47	10
HDRSTG4.9	HSS ground drill bit 4.9mm	52	10
HDRSTG5.0	HSS ground drill bit 5.0mm	52	10
HDRSTG5.1	HSS ground drill bit 5.1mm	52	10
HDRSTG5.5	HSS ground drill bit 5.5mm	57	10
HDRSTG6.0	HSS ground drill bit 6.0mm	57	10
HDRSTG6.5	HSS ground drill bit 6.5mm	63	10
HDRSTG7.0	HSS ground drill bit 7.0mm	69	10
HDRSTG7.5	HSS ground drill bit 7.5mm	69	5
HDRSTG8.0	HSS ground drill bit 8.0mm	75	5
HDRSTG8.5	HSS ground drill bit 8.5mm	75	5
HDRSTG9.0	HSS ground drill bit 9.0mm	81	5
HDRSTG10.0	HSS ground drill bit 10.0mm	87	5
HDRSTG10.5	HSS ground drill bit 10.5mm	87	5
HDRSTG11.0	HSS ground drill bit 11.0mm	94	5
HDRSTG11.5	HSS ground drill bit 11.5mm	94	5
HDRSTG12.0	HSS ground drill bit 12.0mm	101	5
HDRSTG12.5	HSS ground drill bit 12.5mm	101	5
HDRSTG13.0	HSS ground drill bit 13.0mm	101	5

## Ground HSS Drill Bits (Long Series) – Din 338 RN

For Timber and Aluminium



Cone envelope grinding  
118° point angle for precise  
engineering



Strengthened core  
particularly resistant  
to breakage



Precision ground flutes  
and diameter for excellent  
dimensional accuracy

Code	Size (mm)	Flute Length (mm)	Box Qty
HDRLG2.0	HSS Long series drill bit 2.0mm	56	10
HDRLG2.5	HSS Long series drill bit 2.5mm	62	10
HDRLG3.0	HSS Long series drill bit 3.0mm	66	10
HDRLG3.5	HSS Long series drill bit 3.5mm	69	10
HDRLG4.0	HSS Long series drill bit 4.0mm	78	10
HDRLG4.2	HSS Long series drill bit 4.2mm	78	10
HDRLG4.5	HSS Long series drill bit 4.5mm	80	10
HDRLG4.8	HSS Long series drill bit 4.8mm	87	10
HDRLG5.0	HSS Long series drill bit 5.0mm	87	10
HDRLG5.5	HSS Long series drill bit 5.5mm	91	10
HDRLG6.0	HSS Long series drill bit 6.0mm	91	10
HDRLG6.5	HSS Long series drill bit 6.5mm	97	5
HDRLG7.0	HSS Long series drill bit 7.0mm	102	5
HDRLG8.0	HSS Long series drill bit 8.0mm	109	5
HDRLG9.0	HSS Long series drill bit 9.0mm	115	5
HDRLG10.0	HSS Long series drill bit 10.0mm	121	5

## Mainline Products (UK) Limited's Coating Performance 25 Year Warranty

### 1. GENERAL

- 1.1. Subject to and upon the following terms and conditions, Mainline Products (UK) Limited (company number: 07003332) (Mainline) offers a warranty (Warranty) for 25 years commencing on the date of delivery (Warranty Period) to customers within the European Union (Eligible Customers) in respect of the Colourfix and Metalix coatings provided by Mainline on screws and rivets (Goods).
- 1.2. For the avoidance of doubt, the Warranty is offered in respect of the Colourfix and Metalix paint coating only (Coating) and is not applicable to the screws and rivets upon which the coating is applied nor is it applicable to any other Mainline products supplied to Eligible Customers or any other customers.
- 1.3. This Warranty is subject to Mainline's standard terms and conditions (Terms and Conditions), a copy of which are attached to this Warranty.
- 1.4. If there is any conflict between the terms of this Warranty and the Terms and Conditions, the Terms and Conditions shall prevail.

### 2. WARRANTY AND WARRANTY CONDITIONS

Mainline offers to replace defective Coating (being Coating that has become completely removed from the Goods) (taking account of fair wear and tear of the Coating and any external factors that may impact upon the durability of the Coating) during the Warranty Period provided the Eligible Customer can provide evidence satisfactory to Mainline that the Eligible Customer has complied with the following conditions since the date of delivery of the Goods to the Eligible Customer:

#### 2.1 Storage and handling of the Goods

The Goods have been stored packaged, in dry conditions at room temperature ideally covered and, in a dust free environment with minimum handling of the Goods.

#### 2.2 Installation into Eligible Customer products

- a) If the Goods have been installed into Eligible Customer products, the Goods have been installed with Mainline tools and in accordance with panel manufacturers' hole size recommendations.
- b) The life expectancy of the Coating may be significantly reduced if the Goods are installed in or exposed to conditions heavily influenced by acid, industrial chemicals, salt water and other aggressive emission sources known to damage coated products.

#### 2.3 Rivets

When using and dealing with rivet Goods, the Eligible Customer must never use a worn drill bit for the drilling of panels and must always ensure that the hole sizes are drilled to the manufacturers' recommendation.

#### 2.4 Screws

When using and dealing with screw Goods, the correct screwdriver part for the screw and the fitting must be used and the Eligible Customer must always use new screwdriver parts when dealing with the screw Goods. Worn screwdriver parts can 'free spin' in the screw recess causing paint damage or removal.

#### 2.5 Profiles and other special parts

- a) The Goods must not come into contact with any dissimilar metals. The reason for this condition is that when two dissimilar metals meet, the weaker of the two metals, if exposed to electrolytes, corrodes.
- b) The Goods must not be exposed to heat in excess of 70°C/158°F.

#### 2.6 Cleaning and Maintenance

- a) The Goods must be correctly cleaned. Prior to any cleaning of the Goods, Mainline recommends a small test area is selected to ensure the selected cleaning products are safe to use.
- b) The Goods must only be cleaned using a soft cloth or sponge, using warm water and a mild detergent (ph. between 5 – 8). The Goods should not be cleaned with any abrasive material and the Goods should be cleaned gently without extensive rubbing.
- c) Paint removers, aggressive alkaline, acids, petrol, abrasive detergents, detergents or solutions containing ester, ketones, alcohol, aromatics, ethylene glycol or halogenated hydrocarbon should never be used on the Goods.

#### 2.7 Frequency of Cleaning and Maintenance

- a) The Goods have been cleaned to the frequency and standard required of the environment in which the Goods are situated and the products of which the Goods form part taking account of all environmental and weather conditions to which the Goods are exposed. At least 1 annual clean is required as a part of a required cleaning and maintenance programme.
- b) Factors such as the surrounding environment of any building in which the Goods are located, the geographical location of any such building and the protection afforded to that building, prevailing wind direction, atmospheric pollution, airborne debris such as sand/dust, change in geographical location of the Goods can cause the Goods to diminish in quality at different degrees and, as a result, significantly reduce the life expectancy of the Coating.

### 3. ADDITIONAL TERMS

- 3.1 In order for any Eligible Customer claim for replacement to be considered under this Warranty, the Eligible Customer must notify Mainline of such claim and provide the evidence required to show satisfaction of compliance with the above conditions within 20 Business Days of the Eligible Customer becoming aware of the defective Coating.
- 3.2 If the conditions set out at clauses 2.1 to 2.7 have not been complied with, or if evidence of compliance cannot be produced by the Eligible Customer to Mainline on request, the Warranty is rendered invalid and Mainline will have no liability under this Warranty in respect

**If you are unsure about any of the conditions in this Warranty, please contact Mainline at the earliest opportunity to avoid being in breach of the above conditions.**



# Coating Performance Test Certificate

## Mainline Coatings Data Sheet

### Mainline Multi-Component Semi Matt Primer/Finishing Coat

Test	ASTM/BS Number	Result
Artificial Weathering Test (UV & Water)	BS EN ISO 11507	Pass 5000 hours Colour Change
Corrosion / Salt Spray Test	BS EN ISO 9227 – NSS Test	<0.45units ΔE Gloss Retention > 80%
Pull Off Adhesion Test	ASTM D4541-09e1	Pass – 5000 Hours
Scratch / Hardness Test	BS EN ISO 1518 – 1:	Average > 2000psi Very Strong
Cross Cut Adhesion Test	BS EN ISO 2409:	No Penetration – Pass 2.5kg
Humidity Test (Cyclic Condensation)	BS 3900 Part F2:	Class 0
Impact Resistance Test (Falling Ball Test – 1kg)	BS 3900 Part E7:	No Defects – Pass 5000 Hours

### Test Characteristics

Artificial Weathering Test (UV & Water)	No visible defects or discernible change of colour or gloss when viewed with the naked eye.		
Corrosion / Salt Spray	Stainless Steel Panel	No defects, blistering, under film corrosion or coating detachment after 5000 hours	
	Rivets & Screws	No defects, blistering, under film corrosion or coating detachment from fixings after 5000 hours	
Pull Off Adhesion	Test 1	Slight cohesive detachment of coating to upper surface at 2400psi	Excellent Result
	Test 2	Slight cohesive detachment of coating to upper surface at 1750psi	Very Good Result
	Test 3	Slight cohesive detachment of coating to upper surface at 2300psi	Excellent Result
		Result exhibited very strong adhesion properties to HR Steel panel	
Scratch / Hardness	Test 1	3 tests at 2.5kg, slight mark left in coating but no penetration.	Satisfactory Result
	Test 2	3 tests at 2.5kg, slight mark left in coating but no penetration.	Satisfactory Result
Cross Cut Adhesion	Stainless Steel	3 tests all classification '0', no detachment of coating observed	
		3 tests all classification '0', no detachment of coating observed	
Humidity Test (Cyclic Condensation)	No defects including blistering, under film corrosion or coating detachment after 5000 hours.		
Impact Resistance (falling Ball Test – 1kg)	Two impacts, no detachment, cracking, wrinkling or other coating defects apparent. Satisfactory		

### Test Conclusion

Mainline Products Ltd Performance coating was benchmark tested based on the UK Network Rail coating approval test document NR/L3/CIV/039. This document states that 5000 hours accelerated weathering & other physical tests listed above may equate to a protective coating system providing steelwork with a potential service life of up to 25 years to first maintenance in railway environments (see Mainline Warranty conditions for façade industry provisions)

Additionally, Mainline Performance Coating was found to offer very good resistance to colour change and loss of gloss during the 5000-hour UVA light exposure test

The results indicate the Mainline coating system appears fit for the intended purpose of weathering & corrosion resistance, maintaining decorative properties and permanent adhesion when applied to aluminium alloys & stainless-steel rain screen accessories.

# Terms & Conditions

These terms and conditions are correct as of the date of printing but may be subject to change.

For the latest terms and conditions please go to [www.mainlineproducts.co.uk](http://www.mainlineproducts.co.uk)

The Customer's attention is drawn in particular to the provisions of clauses 2, 3, 4, 5 and 9.

## 1. INTERPRETATION

### 1.1 Definitions:

**Business Day:** a day (other than a Saturday, Sunday or public holiday) when banks in London are open for business.

**Conditions:** the terms and conditions set out in this document as amended from time to time in accordance with clause 11.3.

**Contract:** the contract between the Supplier and the Customer for the sale and purchase of the Goods in accordance with these Conditions.

**Customer:** the person or firm or corporate entity who purchases the Goods from the Supplier.

**Force Majeure Event:** an event or circumstance beyond a party's reasonable control which in the case of the Supplier includes but is not limited to fire, explosion, breakdown or failure of plant and machinery, lack of or breakdown of transportation facilities, excessive traffic delays, a third party failure to provide materials and/or labour, power failure, strike, lockout or labour dispute, illness, flood, drought, war, civil commotion or any restrictions imposed by, or the delay of, any government agency.

**Goods:** the goods (or any part of them) set out in the Order.

**Intellectual Property:** patents, rights to inventions, copyright and neighbouring and related rights, trademarks and service marks, business names and domain names, rights in get-up and trade dress, goodwill, rights in designs, database rights, rights to use, and protect the confidentiality of, confidential information (including know-how and trade secrets), and all other intellectual property rights, in each case whether registered or unregistered and including all applications and rights to apply for and be granted, renewals or extensions of, and rights to claim priority from, such rights and all similar or equivalent rights or forms of protection which subsist or will subsist now or in the future in any part of the world.

**Order:** the Customer's order for the Goods, as set out in the Customer's purchase order form or the Customer's written acceptance of the Supplier's quotation, as the case may be.

**Specification:** any specification for the Goods, including any related plans and drawings that is agreed in writing by the Customer and the Supplier.

**Supplier:** Mainline Products (UK) Limited (a company registered in England and Wales with company number 07003332).

### 1.2 Interpretation:

- a reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to a statute or statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted.
- any phrase introduced by the terms including, include, in particular or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms.
- a reference to writing or written includes emails except for notices required under clauses 5.2 and 10.

## 2. BASIS OF CONTRACT

- These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.
- The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order and any applicable Specification whether proposed by the Supplier or submitted by the Customer are complete and accurate. The Customer shall be liable to pay the Order price for the Goods (or a relevant proportion thereof, as appropriate) if the Supplier has already manufactured the Goods in fulfilment of (or partial fulfilment of) the Order and/or Specification. For the avoidance of doubt, this clause 2.2 shall apply regardless of whether the error in the Order and/or Specification renders the Goods unusable by the Customer.
- The Order shall only be deemed to be accepted when the Supplier issues a written acceptance of the Order, at which point the Contract shall come into existence.
- The Customer waives any right it might otherwise have to rely on any term endorsed upon, delivered with or contained in any documents of the Customer that is inconsistent with these Conditions.
- Any samples, drawings, descriptive matter or advertising produced by the Supplier and any descriptions or illustrations contained in the Supplier's leaflets, catalogues or brochures are produced for the sole purpose of giving an approximate idea of the Goods referred to in them. They shall not form part of the Contract nor have any contractual force.
- A quotation for the Goods given by the Supplier shall not constitute an offer. A quotation shall only be valid for a period of 10 Business Days from its date of issue.

## 3. GOODS

- The Goods are described in the Supplier's leaflets and catalogue as modified by any applicable Specification.
- To the extent that the Goods are to be manufactured in accordance with a Specification, the Customer shall indemnify the Supplier against all liabilities, costs,

expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal and other professional costs and expenses) suffered or incurred by the Supplier in connection with any claim made against the Supplier for actual or alleged infringement of a third party's Intellectual Property Rights arising out of or in connection with the Supplier's use of the Specification. This clause 3.2 shall survive termination of the Contract.

- The Supplier reserves the right to amend the Order and/or the Specification if required by any applicable statutory or regulatory requirements without notice to the Customer.
- Subject to clause 3.3, the Supplier is entitled to vary the Order and/or the Specification if the Supplier is unable to accommodate the particulars contained therein provided that the Supplier gives the Customer 3 Business Days' notice in writing of the variations to be made.
- If the Customer wishes to amend or cancel an Order or Specification, it must make a written request to the Supplier. Whether the Supplier accepts such amendment or cancellation is at the Supplier's discretion.
- If the Supplier accepts any amendment or cancellation, the Customer shall be liable to pay:
  - the Order price for the Goods (or a relevant proportion thereof, as appropriate) if the Supplier has already manufactured the Goods in fulfilment (or partial fulfilment) of the Order and/or Specification; and
  - all costs reasonably incurred by the Supplier in fulfilling the Order and/or Specification up until the date of acceptance by the Supplier of the amendment or cancellation.

## 4. DELIVERY

- The Supplier shall ensure that each delivery of the Goods is accompanied by a delivery note that shows the date of the Order, the Order number, the type and quantity of the Goods (including the code number of the Goods, where applicable) and, if the Goods are being delivered by instalments, the outstanding balance of Goods remaining to be delivered.
- The Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree (Delivery Location) at any time after the Supplier notifies the Customer that the Goods are ready.
- Delivery is completed on the completion of unloading of the Goods at the Delivery Location. For the avoidance of doubt, the Supplier is not required to deliver the Goods to any specific person (regardless of any request made by the Customer) at the Delivery Location and the Goods shall be deemed delivered as soon as unloaded at the Delivery Location. For the avoidance of doubt, if the Supplier (or its employees, agents or contractors) requires a person at the Delivery Location to sign for the Goods, the Supplier (or its employees, agents or contractors) can obtain that signature from any person present at the Delivery Location and the Customer acknowledges that such signature will be valid proof of the delivery of the Goods to the Delivery Location.
- Any dates quoted for delivery are approximate only and the time of delivery is not of the essence. The Supplier shall not be liable for any delay or any costs associated with any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- If the Supplier fails to deliver the Goods at all its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods. For the avoidance of doubt, the Supplier shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- If the Customer fails to accept delivery of the Goods within 3 Business Days of the Supplier notifying the Customer that the Goods are ready, then, except where such failure or delay is caused by a Force Majeure Event or the Supplier's failure to comply with its obligations under the Contract:
  - delivery of the Goods shall be deemed to have been completed at 9.00 am on the fourth Business Day after the day on which the Supplier notified the Customer that the Goods were ready; and
  - the Supplier shall store the Goods until delivery takes place, and charge the Customer for all related costs and expenses (including insurance).
- If 10 Business Days after the day on which the Supplier notified the Customer that the Goods were ready for delivery the Customer has not accepted delivery of them, the Supplier may at its discretion:
  - resell or otherwise dispose of part or all of the Goods; or
  - invoice the Customer for the full Order price of the Goods.
- If the Supplier delivers up to and including 5% more or less than the quantity of Goods ordered the Customer may not reject them. However, on receipt of notice and proof from the Customer within 3 Business Days of delivery of the Goods that the wrong quantity of Goods above or below 5% was delivered, a pro rata adjustment shall be made to the Order invoice.
- The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.

# Terms & Conditions

## 5. QUALITY

5.1 The Supplier warrants that on delivery the Goods shall:

- (a) conform in all material respects with their description and any applicable Specification;
- (b) be free from material defects in design, material and workmanship; and
- (c) be fit for any purpose held out by the Supplier.

### 5.2 Subject to clause 5.4, if:

- (a) the Customer gives notice in writing and provides evidence to the Supplier within 10 Business Days (or in 3 months in the case of defects not reasonably apparent on inspection) from the date of delivery of the Goods that some or all of the Goods do not comply with the warranties set out in clause 5.1; and
- (b) the Supplier is given a reasonable opportunity of examining such Goods; and
- (c) the Customer (if asked to do so by the Supplier) returns such Goods to the Supplier's place of business properly packaged and insured at the Customer's cost (but refunded if the claim is accepted); and
- (d) the Customer has paid all invoices issued by the Supplier to the Customer in respect of the Goods in question and any other Goods supplied to which the Supplier's invoices have fallen due for payment, the Supplier shall, at its option:
  - (a) repair the defective Goods; or
  - (b) replace the defective Goods; or
  - (c) refund the price of the defective Goods in part or in full; or
  - (d) pass on the warranties provided by third party manufacturers in relation to Goods that have not been wholly manufactured by the Supplier so that the Customer can pursue the third-party manufacturer directly and thus extinguish all liability of the Supplier in relation to the defective Goods.

5.3 Any Goods that are replaced by the Supplier at its discretion are to be returned by the Customer to the Supplier in accordance with the Supplier's instructions at that time. Title in the Goods replaced shall pass to the Supplier upon delivery of the replacement goods.

5.4 The Supplier shall not be liable for the Goods' failure to comply with the warranty set out in clause 5.1 in any of the following events:

- 5.5 Except as provided in this clause 5, the Supplier shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 5.1.
- 5.6 The conditions and terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.
- 5.7 These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.

## 6. TITLE AND RISK

6.1 The risk in the Goods shall pass to the Customer on completion of delivery.

6.2 Title to the Goods shall not pass to the Customer until the earlier of:

- (a) the Supplier receives payment in full (in cash or cleared funds):
  - (i) for the Goods (which includes any interest or other sums payable under the Order or these Conditions), in which case title to the Goods shall pass at the time of payment of such sum;
  - (ii) the Supplier receives payment in full (in cash or cleared funds) for the Goods and any other goods that the Supplier has supplied to the Customer (which includes any interest or other sums payable under the Order or these Conditions) in respect of which payment has become due, in which case title to the Goods shall pass at the time of payment of all such sums; and
- (b) the Customer resells the Goods, in which case title to the Goods shall pass to the Customer at the time specified in clause 6.4.

6.3 Until title to the Goods has passed to the Customer, the Customer shall:

- (a) store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as the Supplier's property;
- (b) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
- (c) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;
- (d) notify the Supplier immediately if it becomes subject to any of the events listed in clause 8.1; and
- (e) give the Supplier such information relating to the Goods as the Supplier may require from time to time.

6.4 Subject to clause 6.4, the Customer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Supplier receives payment for the Goods. However, if the Customer resells the Goods before that time:

- (a) it does so as principal and not as the Supplier's agent; and
- (b) title to the Goods shall pass from the Supplier to the Customer immediately before the time at which resale by the Customer occurs.

6.5 If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 8.1, then, without limiting any other right or remedy the Supplier may have:

- (a) the Customer's right to resell the Goods or use them in the ordinary course of its business ceases immediately; and

(b) the Supplier may at any time:

- (i) require the Customer to deliver up all Goods in its possession that have not been resold, or irrevocably incorporated into another product; and
- (ii) if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.

6.6 All Intellectual Property Rights in the drawings, designs, patterns, items and products used or provided by the Supplier under this Contract shall remain in the ownership of the Supplier (or any third party owner, as the case may be) and the Customer shall not, and shall procure that third parties shall not, use, copy or reproduce any such items without the consent of the Supplier.

## 7. PRICE AND PAYMENT

7.1 The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Supplier's published price list in force as at the date of delivery.

7.2 The Supplier may, by giving notice to the Customer at any time up to 3 Business Days before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:

- (a) any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
- (b) any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification; or
- (c) any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.

7.3 The price of the Goods:

- (a) excludes amounts in respect of value added tax (VAT), which the Customer shall additionally be liable to pay to the Supplier at the prevailing rate, subject to the receipt of a valid VAT invoice; and
- (b) excludes the costs and charges of packaging, insurance and delivery and transport of the Goods, which shall be invoiced to the Customer.

7.4 The Supplier may invoice the Customer for the Goods on or at any time after the completion of delivery.

7.5 The Customer shall pay the invoice in full and in cleared funds by the end of the month following the month in which the invoice was dated. Payment shall be made to the bank account nominated in writing by the Supplier. Time for payment is of the essence.

7.6 If the Customer fails to make any payment due to the Supplier under the Contract by the due date for payment, then the Customer shall pay interest on the overdue amount at the rate of 8% per annum above Royal Bank of Scotland plc's base rate from time to time. Such interest shall accrue on a daily basis from the due date until actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.

7.7 The Customer shall pay all amounts due under the Contract in full without any set-off, counterclaim, deduction or withholding (except for any deduction or withholding required by law). The Supplier may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Supplier to the Customer.

## 8. TERMINATION

8.1 Without limiting its other rights or remedies, the Supplier may terminate this Contract with immediate effect by giving written notice to the Customer if:

- (a) the Customer commits a breach of any term of the Contract and (if such a breach is remediable) fails to remedy that breach within 5 Business Days of the Customer being notified in writing to do so;
- (b) the Customer takes any step or action in connection with its entering administration, provisional liquidation, any composition or arrangement with its creditors (other than in relation to a solvent restructuring), being wound up (whether voluntarily or by order of the court, unless for the purpose of a solvent restructuring), the Customer is struck off, there is a bankruptcy petition being presented or a bankruptcy order being made for the bankruptcy of the Customer, the Customer otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, having a receiver appointed to any of its assets or ceasing to carry on business or, if the step or action is taken in another jurisdiction, in connection with any analogous procedure in the relevant jurisdiction;
- (c) the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business; or
- (d) the Customer's financial position deteriorates to such an extent that in the Supplier's opinion the Customer's capability to adequately fulfil its obligations under the Contract has been placed in jeopardy.

8.2 Without limiting its other rights or remedies, the Supplier may suspend provision of the Goods under the Contract or any other contract between the Customer and the Supplier (whether paid for by the Customer or not) if the Customer becomes subject to any of the events listed in clause 8.1(a) to clause 8.1(d), or the Supplier reasonably believes that the Customer is about to become subject to any of them, or if the Customer fails to pay any amount due under this Contract on the due date for payment.

# Terms & Conditions

- 8.3 Without limiting its other rights or remedies, the Supplier may terminate the Contract with immediate effect by giving written notice to the Customer if the Customer fails to pay any amount due under the Contract on the due date for payment.
- 8.4 On termination of the Contract for any reason the Customer shall immediately pay to the Supplier all of the Supplier's outstanding unpaid invoices and interest.
- 8.5 Termination of the Contract shall not affect any of the parties' rights and remedies that have accrued as at termination, including the right to claim damages in respect of any breach of this Contract that existed at or before the date of termination.
- 8.6 Any provision of the Contract that expressly or by implication is intended to come into or continue in force on or after termination shall remain in full force and effect.

## 9. LIMITATION OF LIABILITY

Please read this clause carefully.

9.1 Nothing in these Conditions shall limit or exclude the Supplier's liability for:

- (a) death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
- (b) fraud or fraudulent misrepresentation;
- (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979; or
- (d) defective products under the Consumer Protection Act 1987; or
- (e) any matter in respect of which it would be unlawful for the Supplier to exclude or restrict liability.

9.2 Subject to clause 9.1:

- (a) the Supplier shall under no circumstances whatsoever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any:
  - (i) loss of profit;
  - (ii) loss of goodwill;
  - (iii) loss of business or business opportunity;
  - (iv) loss of anticipated savings;
  - (v) any loss incurred by the Customer because of the deliberate or dishonest breaches or actions of any employees, contractors, agents or subcontractors (as applicable) of the Supplier;
  - (vi) any wasted time or expenditure; or
  - (vii) any indirect or consequential loss arising under or in connection with the Contract; and
- (b) the Supplier's total liability to the Customer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price paid by the Customer for the Goods.

9.3 The Customer must commence legal proceedings against the Supplier for any claim, regardless of the cause of action, within 12 months of the Customer becoming aware (or 12 months from when the Customer ought to have become aware) of the facts giving rise to any such claim (but in any event within six years of the date of the Supplier's act or omission alleged to have caused loss to the Customer). A failure to do so will result in the claim being time barred and all liability of the Supplier in relation to such claim being discharged. For the avoidance of doubt, this clause is intended to reduce the limitation periods set out in the Limitation Act 1980.

## 10. FORCE MAJEURE

Neither party shall be in breach of this Contract nor liable for delay in performing, or failure to perform, any of its obligations under this Contract if such delay or failure result from a Force Majeure Event. If the period of delay or non-performance continues for 6 months the party not affected may terminate this Contract by giving 5 Business Days written notice to the affected party.

## 11. GENERAL

11.1 Assignment and other dealings.

- (a) The Supplier may at any time assign, transfer, mortgage, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.
- (b) The Customer may not assign, transfer, mortgage, charge, subcontract, declare a trust over or deal in any other manner with any or all of its rights or obligations under the Contract without the prior written consent of the Supplier.

### 11.2 Entire agreement.

- (a) This Contract constitutes the entire agreement between the parties and supersedes and extinguishes all previous agreements, promises, assurances, warranties, representations and understandings between them, whether written or oral, relating to its subject matter.
- (b) Each party agrees that it shall have no remedies in respect of any statement, representation, assurance or warranty (whether made innocently or negligently) that is not set out in this agreement. Each party agrees that it shall have no claim for innocent or negligent misrepresentation or negligent misstatement based on any statement in this agreement.

11.3 Variation. Subject to clauses 3.3 and 3.4 of these Conditions, no variation of this Contract shall be effective unless it is in writing and signed by the parties (or their authorised representatives).

11.4 Waiver. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

11.5 Severance. If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.

11.6 Notices.

- (a) Any notice or other communication given to a party under or in connection with clauses 5.2 and 10 of the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first class post or other next working day delivery service or commercial courier.
- (b) A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 11.6(a); if sent by pre-paid first class post or other next working day delivery service, at 9.00 am on the second Business Day after posting; or, if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed
- (c) The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

11.7 Third party rights. No one other than a party to this Contract and their permitted assignees shall have any right to enforce any of its terms.

11.8 Governing law. The Contract, and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation, shall be governed by and construed in accordance with the law of England and Wales.

11.9 Jurisdiction. Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with this Contract or its subject matter or formation.

# About VJ Technology



We're a market leader in manufacturing, distributing and testing fixings, fasteners and building consumables, anchoring ourselves as the No.1 impartial supply chain partner to the construction and infrastructure sector for over 30 years.

With a focus on technical connections to timber, concrete and steel we have an in-house UKAS Accredited Laboratory and a qualified technical department offering advice, testing, specification and bespoke calculations to our clients. We have over £6 million of quality, brand leading products in stock ranging from fixings, sealants, screws, anchors, power tools and much more.

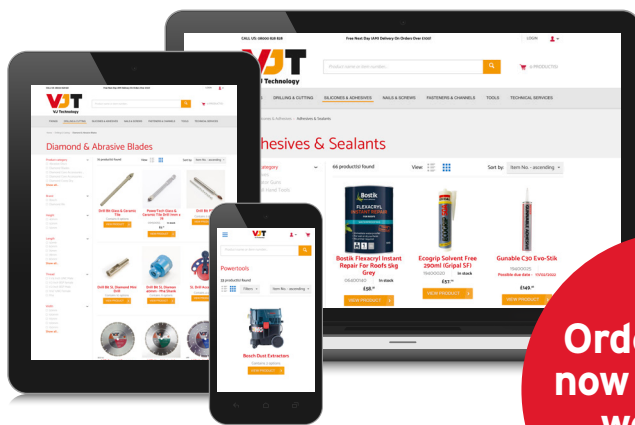
## First Class Delivery Service

- We aim to deliver the next day, before 12pm - subject to slot availability
- A booking in process will be carried out by our experienced team
- ETA updates are available
- VJ Technology are FORS Gold Accredited

We have a fleet of our own vehicles delivering your fixings and accessories across the south east, midlands and Bristol, the north west and Glasgow and Edinburgh.

## Visit our Trade Counters

We have a trade counter in Ashford and in Glasgow, where you'll find a variety of high quality products ranging from drill bits, power tools, sealants, blades, cutting discs and so much more. We also have direct access to over £6M of products in our warehouse just in case we don't have what you need on display.



Order online now from our website!

## Contact us

**Ashford** - 08000 828 828

**Glasgow** - 08000 828 830

**Email:** [enquiries@vjtechnology.com](mailto:enquiries@vjtechnology.com)

**Online:** [www.vjtechnology.com](http://www.vjtechnology.com)

## How to find us

**Ashford** - Mon-Fri: 7am-5pm / Sat: 8am-12 noon - Technology House, Brunswick Road, Ashford, Kent, TN23 1EN

**Glasgow** - Mon-Fri: 8am-5pm Unit 9, Maclellan Street, Glasgow G41 1RR







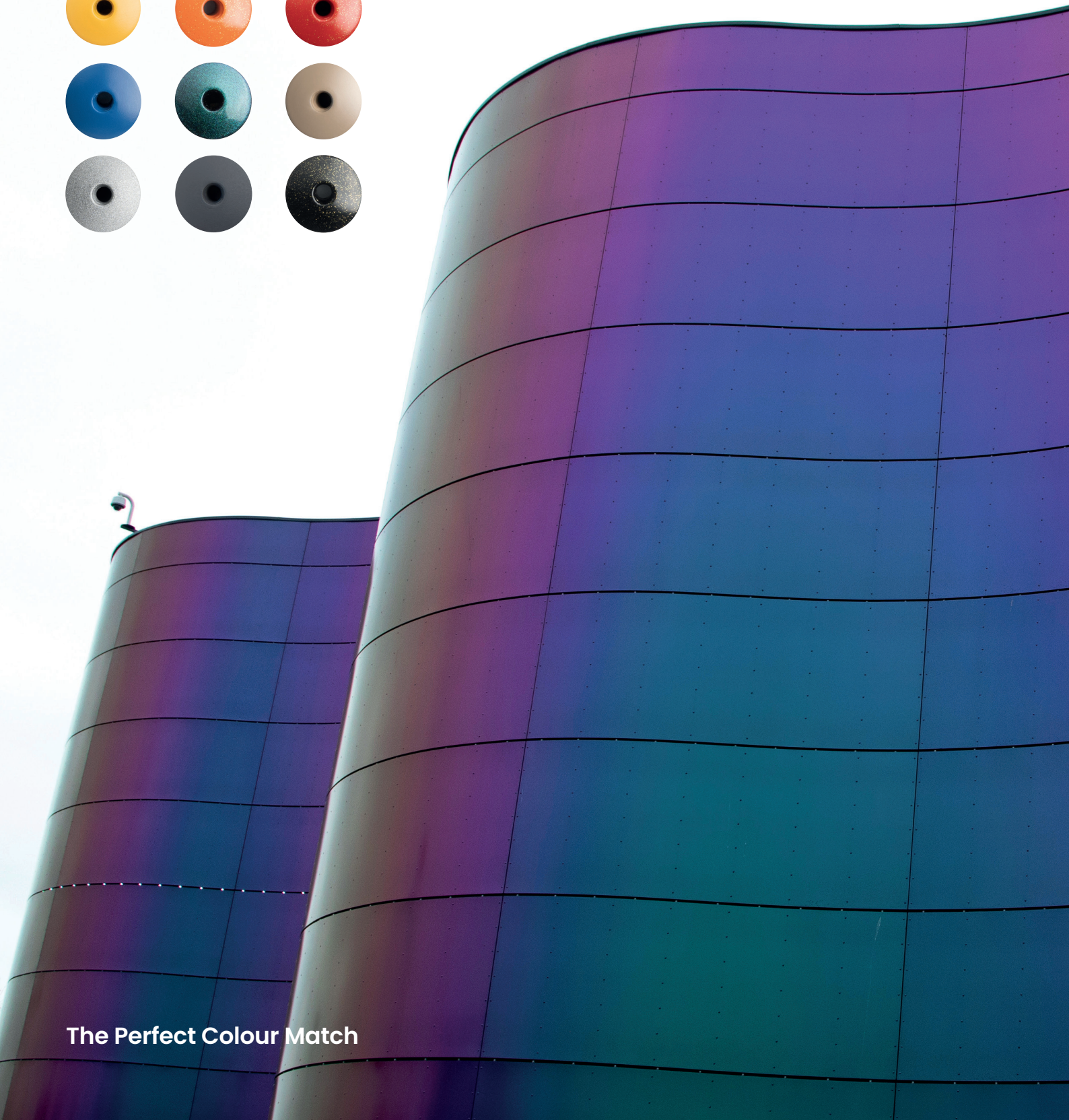


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