


























































Roofing and Cladding

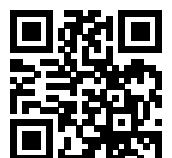
Contents

<i>Application Examples</i>	<i>Page</i>		<i>Page</i>
Built up roof systems	5	About PMJ-tec	3
Built up trapezoidal wall systems	6	Technical information	3
Built up sinusoidal wall systems	7	Powder coating	4
Composite panel roof systems	8	Durability/Anti-corrosion	4
Composite panel wall systems	9	Disclaimer	35
Standing seam roof systems	10	Contact PMJ	Back Cover
Rainscreen wall systems	11		

Order code example

7510			5.5 x 25		S16		PP-RAL3004		
7510 - Fastener range			Diameter x Length		Washer material and diameter		Powder coated head		
('Range' column below)			in millimetres		Material options S - stainless A - aluminium		PP - powder coat followed by RAL or BS colour		
Range	Page	Coating	Material	Substrate	Drill Capacity	Point	Head	Drive	
7110	12	Dural 250	A2 BiMetal			Steel 1.2 - 3.5mm	No. 2 	UFO DS25	
7115	13	Dural 250	A2 BiMetal			Steel < 2 x 1.0mm	No. 1 	UFO DS25	
7120	14	Dural 250	A2 BiMetal			Steel 1.5 - 6.0mm	No. 3 	UFO DS25	
7130	15	Dural 250	A2 BiMetal			Steel 4.0 - 12.5mm	NO. 5 	UFO DS25	
7140	16	Dural 250	A2 BiMetal			Steel < 2 x 1.0mm	No. 1 	UFO DS25	
7160	17	Dural 250	A2 BiMetal			Timber	No. 1 	UFO DS25	
7510	18	Dural 250	A2 BiMetal			Steel 1.2 - 3.5mm	No. 2 	Hex AF8	
7515	19	Dural 250	A2 BiMetal			Steel 1.2 - 3.5mm	No. 2 	UFO DS25	
7517	20	Dural 250	A2 BiMetal			Steel 1.5 - 3.5mm	No. 2 	Hex AF8	
7520	21	Dural 250	A2 BiMetal			Steel 1.5 - 6.0mm	No. 3 	Hex AF8	
7530	22	Dural 250	A2 BiMetal			Steel 4.0 - 12.5mm	No. 5 	Hex AF8	
7550	23	Dural 250	A2 BiMetal			Steel < 2 x 1.0mm	No. 1 	Hex AF8	
7565	24	Dural 250	A2 BiMetal			Timber	No. 1 	Hex AF8	
7570	25	Dural 250	A2 BiMetal			Steel 1.5 - 6.0mm	No. 3 	Hex AF8	
7571	26	Dural 250	A2 BiMetal			Steel 1.2 - 3.5mm	No. 2 	Hex AF8	
7575	27	Dural 250	A2 BiMetal			Steel 4.0 - 12.5mm	No. 5 	Hex AF8	
7591	28	Dural 250	A2 BiMetal			Steel 1.5 - 5.0mm	No. 3 	C-sink DS25	
7610	29	Dural 250	A2 Stainless			Aluminium 1.5 - 6.0mm	No. 3 	Hex AF8	
7612	30	Dural 250	A2 Stainless			Aluminium 1.0 - 4.0mm	No. 2 	Hex AF8	

Further information about PMJ-tec, details of our wider range of fasteners, including custom made fasteners, OEM selection guides and technical documents can be found at www.pmj-tec.com



About PMJ-tec

PMJ-tec is a Swiss roofing and facade fastener manufacturer specialising in A2, A4 and other high grade corrosion resistant stainless steel products which can be supplied with a colour powder coated head.

People are at the heart of our 'service and innovation' culture, along with a commitment to provide the ever-changing European and world markets with high quality product for both on and off site production, fully supported by experienced and honest technical expertise.

As a European manufacturer, we offer technical and application assistance worldwide.

The PMJ range of stainless steel fasteners is fully warranted and CE marked (supported by European Technical Assessments) and a suite of CAD and BIM models are available.

Our ISO 9001 compliant system of batch numbers allows for the traceability of a finished product through the various stages of production even to the original batch of the wire, so that the customer has total confidence in our quality control. The details of the batch number which appears on the boxes and invoices is enough to ensure traceability of all the relevant quality control tests of our products.

Quality Assurance



ETA - European Technical Approval



SQS Certificate



PMJ-tec Technical Information

ETAs - European Technical Assessments - are a cornerstone of our commitment to proven quality and reliability. Available exclusively to European manufacturers, it demonstrates independently assessed standards and differentiates PMJ-tec as a fastener manufacturer from non-manufacturers who supply and distribute generic fasteners.

DIBt - Deutsches Institut für Bautechnik - are the approval body for construction products that controls and issues our ETAs.

The CE or UKCA mark indicates that a fastener is consistent with the data provided in the relevant Declaration of Performance issued by PMJ-tec AG.



Deutsches
Institut
für
Bautechnik



Download technical documents, selection guides and certificates at
<https://pmj-tec.com/pmj-tec-documents/>

Powder coating

Powder coating technology is environmentally acceptable due to the lack of waste products from the manufacturing process, because the excess powder overspray is recycled. The use of powder coating has been prompted by high requirements of impact and weather resistance, which is why many other organisations such as aluminium profile manufacturers, fastener technology, machine and automobile industry have changed in the last few years from wet painting to powder coating. PMJ uses polyester powder due to its excellent colour and durability properties.

British Standard and RAL colour references

The most popular colours are generally available within a short delivery lead time; other colours are manufactured to order. Special colours can be produced with extended lead times which may be subject to an additional cost.

Durability of PMJ fasteners

It is important for the building owner to have confidence in the products selected and their long term durability. PMJ has built its reputation on supplying reliable quality products, ensuring suitability for each application, and high quality corrosion resistant finishes on all fasteners.

The PMJ bimetal and fully stainless fastener ranges are manufactured using 304/A2 and 316/A4 grade austenitic stainless steel. These steel grades are mainly alloyed with chromium and nickel and can be easily identified by their non-magnetic properties – however, cold forming can lead to minimal residual magnetism which does not have the slightest effect on the corrosion resistance.

Recommended anti-corrosion performance of fasteners

Corrosivity Category	C1 - very low	C2 - low	C3 - medium	C4 - high	C5 - very high
A2	Up to 40 years	Up to 40 years	Up to 40 years	Up to 30 years	See note
A4	Up to 40 years	Up to 40 years	Up to 40 years	Up to 30 years	See note

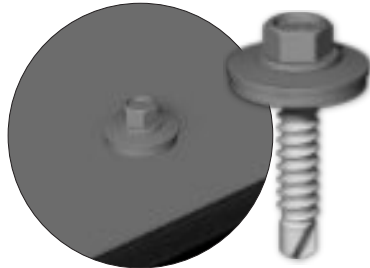
Warranty periods are indicative subject to conditions and correct installation using approved screw guns and sockets as per the NFRC Guidance Note GN01. Refer to PMJ-tec AG for full terms and conditions.

For C5 environments, including swimming pools, stainless steel grades 1.4547 and 1.4529 are recommended.

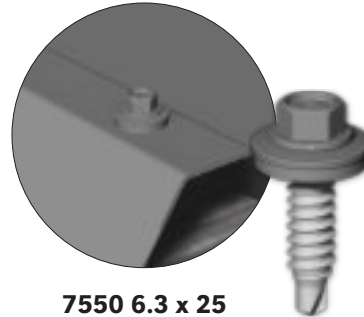
PMJ-tec recommend the use of a screw gun with a correctly fitted and adjusted depth setting nose cone for accurate and consistent washer compression during installation of fasteners. Do not use percussion or hammer drills.



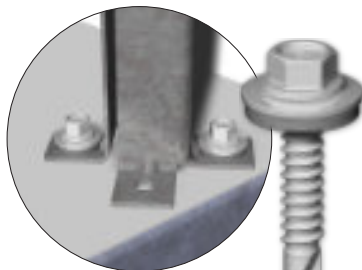
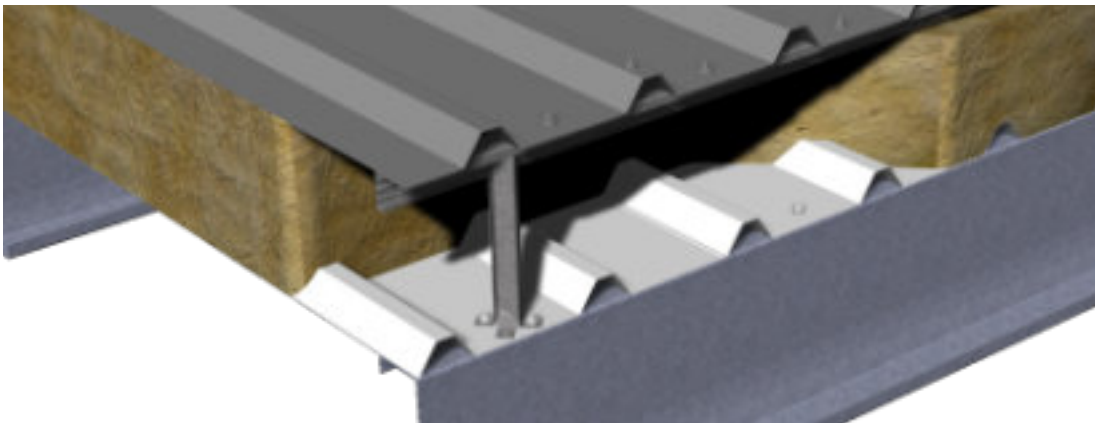
Bi-Metal stainless steel fasteners for built up roof systems



7510 5.5 x 28
19 Washer
Colour matched



7550 6.3 x 25
16 Washer
Colour matched



7510 5.5 x 28
16 Washer



7510 5.5 x 28
16 Washer

Application/fastener range

Substrate	< 2 x 1.2mm	1.2 - 3.5mm	1.5 - 6.0mm	4.0 - 12.5mm
Bracket/Liner/Profile/Rooflight		7510	7520	7530
Internal flashing	7140	7110		
Profile/Rooflight stitch	7550			

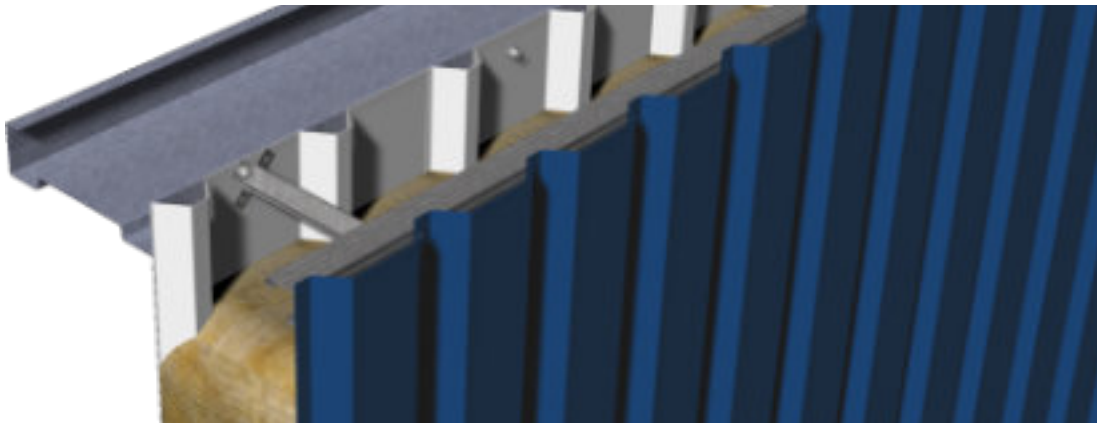
Bi-Metal stainless steel fasteners for built up wall systems



7510 5.5 x 28
16 Washer



7510 5.5 x 28
16 Washer



7510 5.5 x 28
16 Washer
Colour matched



7550 6.3 x 25
16 Washer
Colour matched

Application/fastener range

Substrate	< 2 x 1.2mm	1.2 - 3.5mm	1.5 - 6.0mm	4.0 - 12.5mm
Bracket/Liner/Profile		7510	7520	7530
Internal flashing	7140			
Profile stitch	7550			

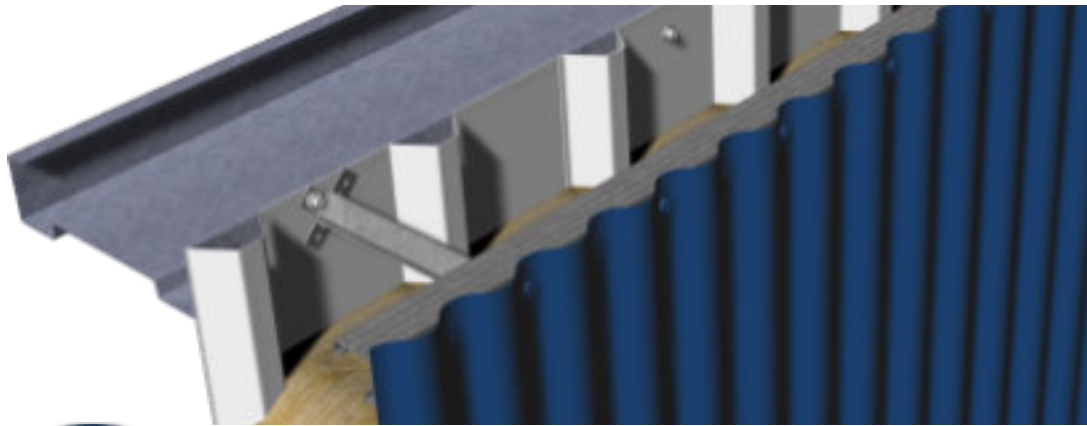
Bi-Metal stainless steel fasteners for
built up wall systems



7510 5.5 x 28
16 Washer



7510 5.5 x 28
16 Washer



7515 5.5 x 28
12 Washer
Colour matched

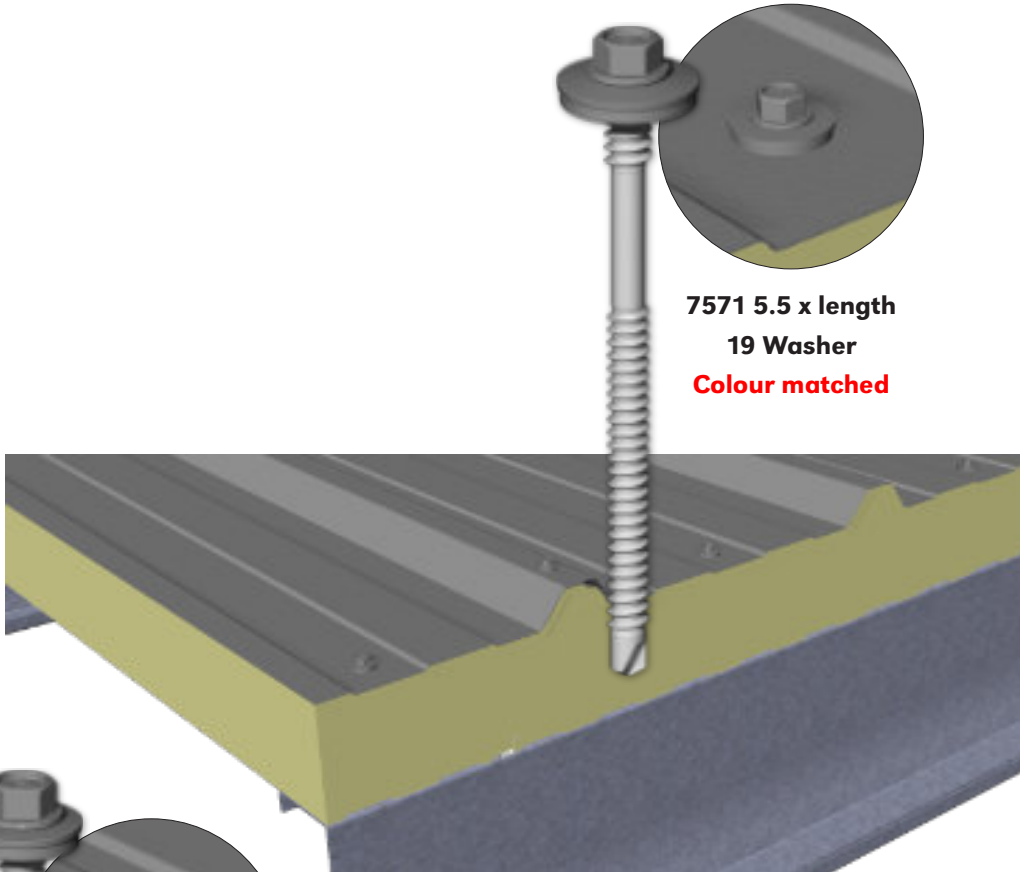


7115 5.5 x 25
12 Washer
Colour matched

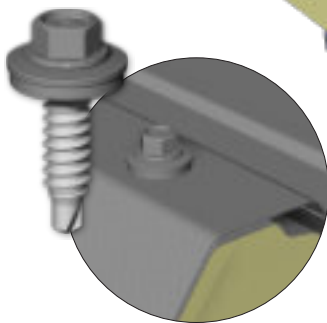
Application/fastener range

Substrate	< 2 x 1.2mm	1.2 - 3.5mm	1.5 - 6.0mm	4.0 - 12.5mm
Bracket/Liner		7510	7520	7530
Profile fix		7515		
Internal flashing	7140			
Profile stitch	7115			

Bi-Metal stainless steel fasteners for composite panel roof systems



7571 5.5 x length
19 Washer
Colour matched

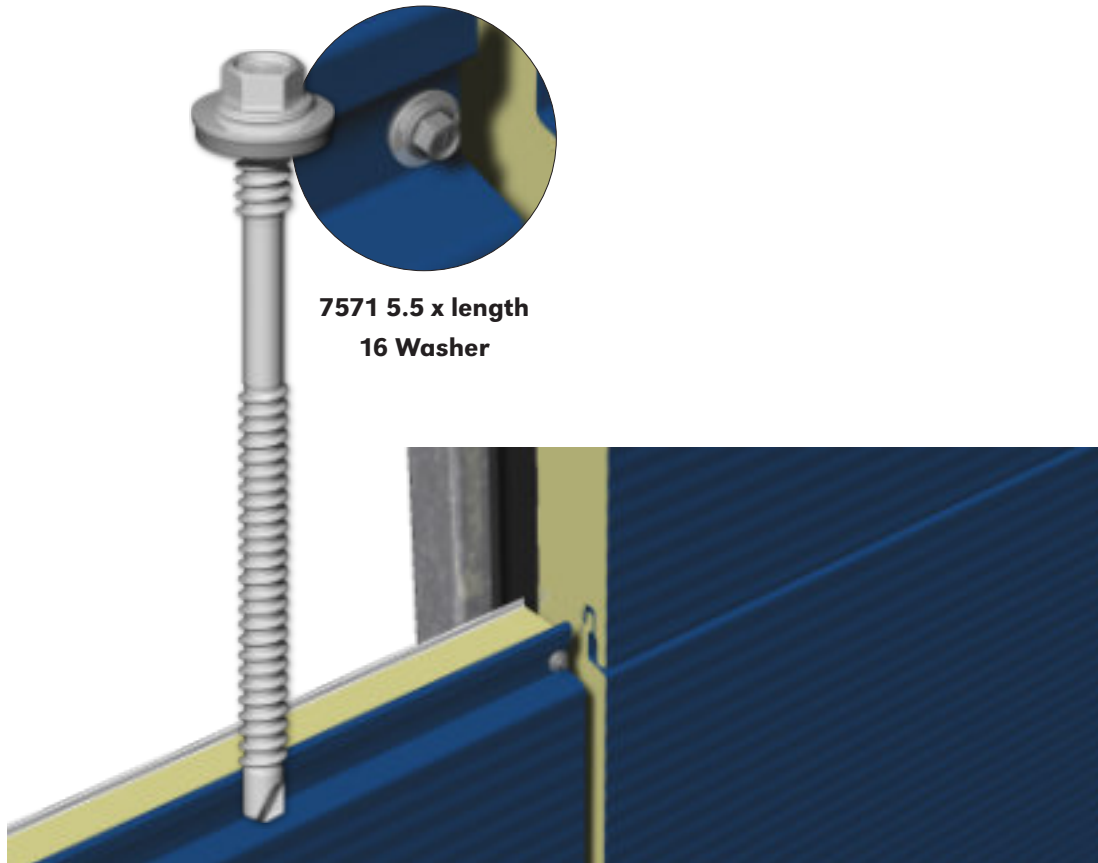


7550 6.3 x 25
16 Washer
Colour matched

Application/fastener range

Substrate	< 2 x 1.2mm	1.2 - 3.5mm	1.5 - 6.0mm	4.0 - 12.5mm
Panel/Rooflight fix		7571	7570	7575
Side/End laps	7550			

Bi-Metal stainless steel fasteners for composite panel wall systems

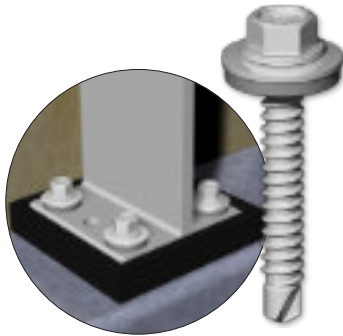


7571 5.5 x length
16 Washer

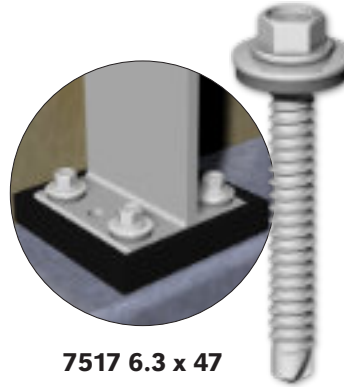
Application/fastener range

Application/fastener range	< 2 x 1.2mm	1.2 - 3.5mm	1.5 - 6.0mm	4.0 - 12.5mm
Substrate				
Panel fix		7571	7570	7575
Stitcher	7140 / 7550			
Panel bearer		7510	7520	7530

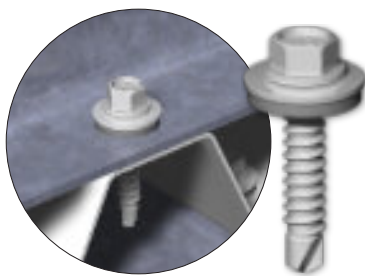
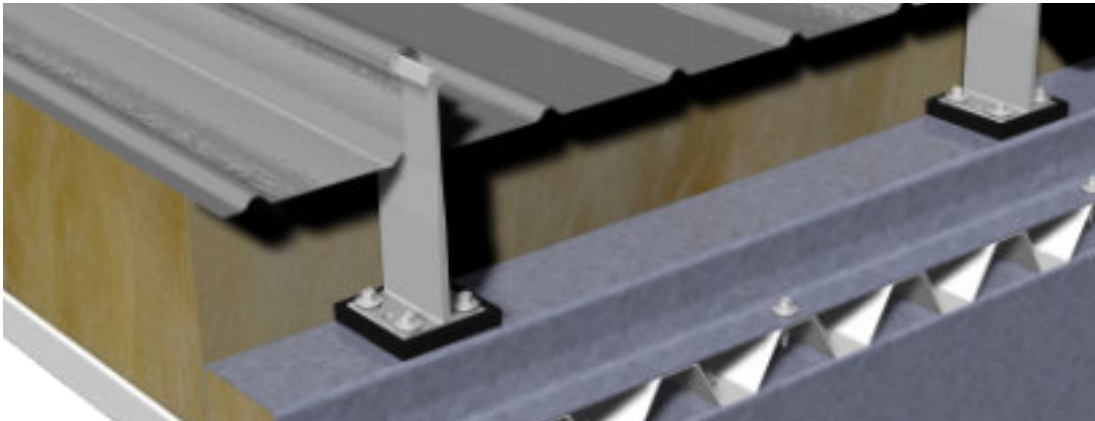
Bi-Metal stainless steel fasteners for standing seam roof systems



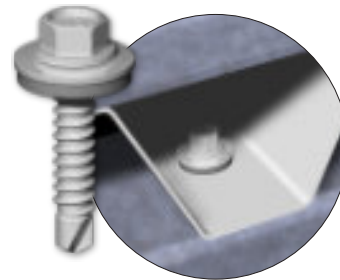
7510 5.5 x 38
16 Washer



7517 6.3 x 47
16 Washer



7510 5.5 x 25
16 Washer



7510 5.5 x 25
16 Washer

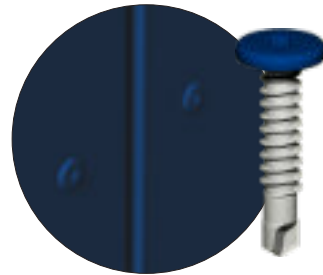
Application/fastener range

Substrate	1.2 - 3.5mm	1.5 - 6.0mm	4.0 - 12.5mm
Liner/Top hat fix	7510	7520	7530
Halter fix	7510 / 7517	7520	7530

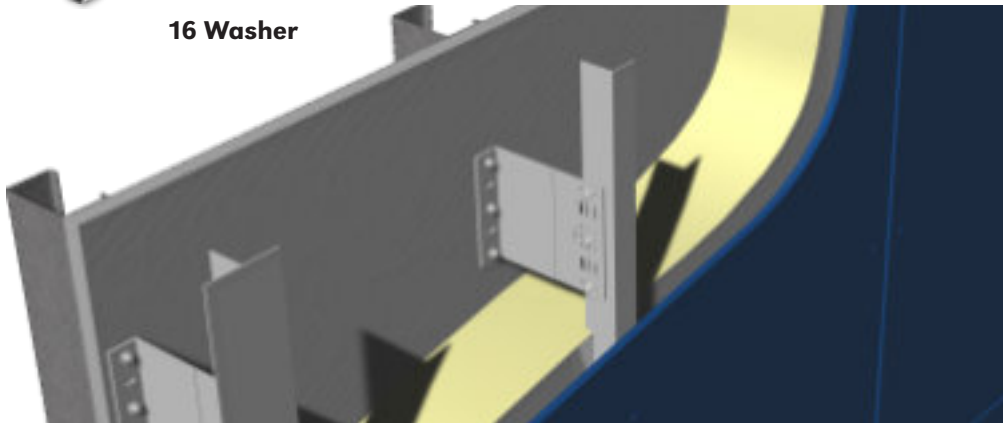
Stainless steel fasteners for rainscreen wall systems



7510 5.5 x 38
16 Washer








7515 5.5 x 28
Colour Matched



7612 5.5 x 20

Application/fastener range

Substrate	1.2 - 3.5mm	1.5 - 6.0mm	4.0 - 12.5mm
Panel fix	 7515		
Bracket fix	 7510	 7520	 7530
Halter fix	 7612		

Stainless steel bi-metal fasteners

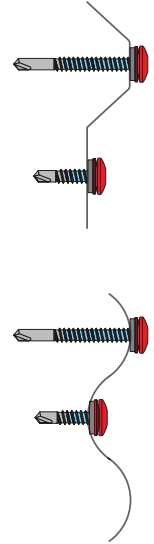
Fix façade panel or profile

Fasten to cold rolled rails and purlins 1.2 - 3.5mm

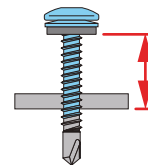


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm, 4.8mm
<i>Drill capacity</i>	1.2mm - 3.5mm (Ø5.5), 1.2mm - 4.5mm (Ø4.8)
<i>Drill diameter</i>	4.6mm (Ø5.5),
<i>Head</i>	Ø14.4mm low profile
<i>Drive</i>	DS25
<i>Washer diameter</i>	14mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199






7110 Range



Length	Maximum clamp	Minimum clamp
25mm	5mm	1.2mm
38mm	13mm	1.2mm
50mm	21mm	1.2mm
60mm	43mm	11mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		11.3 kN	7.5 kN	9.2 Nm			
							
	Steel substrate	1.2mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm
		2 612 N	3 764 N	4 973 N	7 187 N	9 498 N	11 380 N
	Steel profile	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
	14 washer	3 380 N	4 750 N	6 160 N	6 540 N	7 530 N	8 620 N

See also:
[7130](#)
 fix to heavy section
[7140](#)
 stitcher

Information correct at time of publication. We reserve the right to change product specifications without notice.
 Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

Stitch overlapping profile

Stitch side and end laps to maximum 2 x 1.0mm

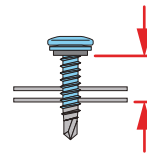


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	Maximum 2 x 1.0mm
<i>Drill diameter</i>	3.6mm
<i>Head</i>	Ø12.0mm low profile
<i>Drive</i>	DS25
<i>Washer diameter</i>	11mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199






7115 Range



Length	Maximum clamp	Minimum clamp
25mm	7mm	1.2mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		8.5 kN		5.6 kN		9.4 Nm
 Steel substrate		0.63mm	0.75mm	1.0mm	1.25mm	2 x 0.75mm 2 x 1.25mm
		990 N	1 300 N	2 170 N	2 500 N	2 300 N 5 738 N
 Steel profile		0.40mm	0.50mm	0.63mm	0.75mm	0.88mm 1.00mm
	11 washer	1 474 N	2 195 N	2 746 N	4 133 N	5 271 N 6 631 N

See also:

7515

fix to light section

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Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

Fix façade panel or profile

Fasten to cold rolled rails and purlins 1.5 - 6.0mm

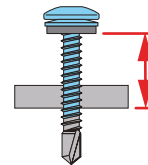


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	1.5mm - 6.0mm
<i>Drill diameter</i>	4.9mm
<i>Head</i>	Ø14.4mm low profile
<i>Drive</i>	DS25
<i>Washer diameter</i>	14mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199






7120 Range



Length	Maximum clamp	Minimum clamp
26mm	5mm	1.5mm
38mm	18mm	1.5mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		11.3 kN		7.5 kN		9.2 Nm
 Steel substrate	1.2mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm
	2 612 N	3 764 N	4 973 N	7 187 N	9 498 N	11 380 N
 Steel profile	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
	14 washer	3 380 N	4 750 N	6 160 N	6 540 N	7 530 N

See also:
[7110](#)
 fix to light section
[7140](#)
 stitcher

Information correct at time of publication. We reserve the right to change product specifications without notice.
 Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

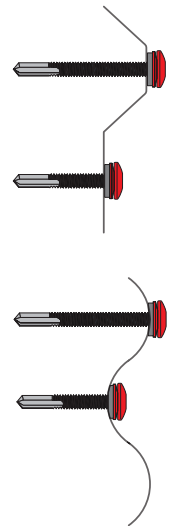
Fix façade panel or profile

Fasten to hot rolled beams 4.0 - 12.5mm

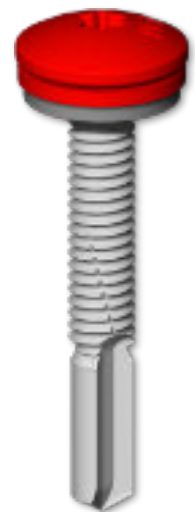
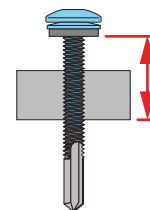


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	4.0mm - 12.5mm
<i>Drill diameter</i>	5.1mm
<i>Head</i>	Ø14.4mm low profile
<i>Drive</i>	DS25
<i>Washer diameter</i>	14mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM






7130 Range



Length	Maximum clamp	Minimum clamp
40mm	11mm	4mm
50mm	21mm	4mm
62mm	33mm	4mm
80mm	51mm	29mm



Performance data (ultimate values without safety margins)

	11.3 kN		7.5 kN		9.2 Nm		
	<i>Steel substrate</i>	4.0mm	5.0mm	6.0mm			
		10 700 N	11 600 N	12 600 N			
	<i>Steel profile</i>	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
	<i>14 washer</i>	3 380 N	4 750 N	6 160 N	6 540 N	7 530 N	8 620 N

See also:
[7110](#)
 fix to light section
[7140](#)
 stitcher

Information correct at time of publication. We reserve the right to change product specifications without notice.
 Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

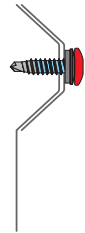
Stitch overlapping profile

Stitch side and end laps to maximum 2 x 1.0mm

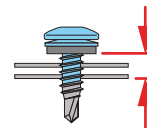


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	4.8mm, 6.3mm
<i>Drill capacity</i>	Maximum 2 x 1.0mm
<i>Drill diameter</i>	3.2mm (Ø4.8), 3.7mm (Ø6.3)
<i>Head</i>	Ø12.7mm (Ø4.8), Ø14.4mm (Ø6.3) low profile
<i>Drive</i>	DS25
<i>Washer diameter</i>	12mm (Ø4.8), 14mm (Ø6.3)
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199 (7140)









7140, 7141 Range



Code	Size	Maximum clamp
7140	4.8 x 20mm	5mm
7141	4.8 x 20mm	5mm
7141	4.8 x 30mm	15mm
7141	6.3 x 25mm	10mm



Performance data (ultimate values without safety margins - see ETA for approval details)

Ø4.8		6.9 kN		4.6 kN		6.8 Nm		
Ø6.3		13.5 kN		9.0 kN		12.7 Nm		
	<i>Steel profile</i>	0.63mm	0.75mm	1.0mm	1.25mm	2 x 0.75mm 2 x 1.25mm		
		Ø4.8	740 N	1 000 N	1 520 N	2 160 N	5 270 N	
		Ø6.3	1 400 N	1 710 N	2 540 N	3 400 N	7 230 N	
	<i>Steel profile</i>	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm	
		12 washer	2 030 N	2 940 N	3 742 N	4 835 N	5 930 N	7 020 N
		14 washer	3 380 N	4 750 N	6 160 N	6 540 N	7 530 N	8 620 N

See also:

7110

fix to light section

7130

fix to heavy section

Information correct at time of publication. We reserve the right to change product specifications without notice.
Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

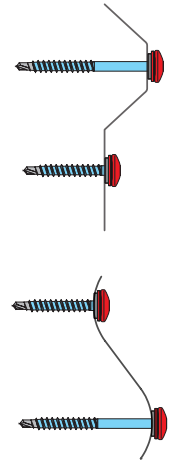
Fix profile sheet

Fasten to timber



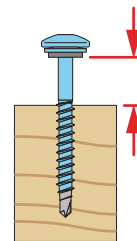
<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	4.8mm
<i>Drill capacity</i>	2 x 1.25mm
<i>Drill diameter</i>	3.1mm
<i>Thread pitch</i>	2.1mm
<i>Head</i>	Ø12.7mm low profile
<i>Drive</i>	DS25
<i>Washer diameter</i>	12mm, 16mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199 (with 16mm diameter washer, embedment > 30mm)

7160/7161 Range






Length	Maximum clamp	Minimum clamp
25mm	2mm	0mm
35mm	5mm	0mm
45mm	15mm	0mm
75mm	45mm	0mm

Recommended minimum embedment 30mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		10mm	15mm	20mm	25mm	30mm
		9.0 kN	7.4 kN	7.0 Nm		
	<i>Embedment</i>					
		870 N	1 663 N	2 044 N	2 587 N	3 144 N
	<i>Steel profile</i>	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm
	<i>12 washer</i>	2 030 N	2 940 N	3 742 N	4 835 N	5 930 N
						7 020 N

See also:
7140
stitcher

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Stainless steel bi-metal fasteners

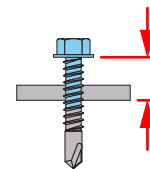
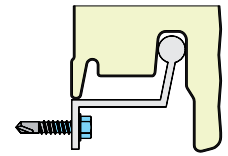
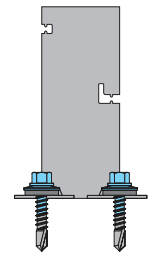
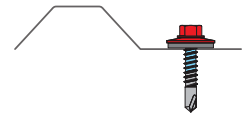
Fix profile, brackets, spacers, etc.

Fasten to cold rolled rails and purlins 1.2 - 3.5mm






<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	1.2mm - 3.5mm
<i>Drill diameter</i>	4.6mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199

7510 Range



Length	Maximum clamp	Minimum clamp
25mm	5mm	1.2mm
28mm	8mm	1.2mm
38mm	13mm	1.2mm
50mm	20mm	1,2mm
60mm	42mm	10mm
80mm	63mm	34mm

Performance data (ultimate values without safety margins - see ETA for approval details)

	11.3 kN	7.5 kN	9.2 Nm				
							
<i>Steel substrate</i>	1.2mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	
	2 612 N	3 764 N	4 973 N	7 187 N	9 498 N	11 380 N	
<i>Steel profile</i>	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm	
	16 washer	3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N
	19 washer	3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N

See also:
[7530](#)
 fix to heavy section
[7550](#)
 stitcher
[7110](#)
 low profile head

Information correct at time of publication. We reserve the right to change product specifications without notice.
 Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

Fix sinusoidal and trapezoidal profile

Fasten to cold rolled rails and purlins 1.2 - 3.5mm

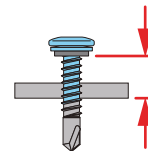


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	1.2mm - 3.5mm
<i>Drill diameter</i>	4.5mm
<i>Head</i>	Ø12.0mm low profile
<i>Drive</i>	DS25
<i>Washer diameter</i>	11mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199




7515 Range



Length	Maximum clamp	Minimum clamp
28mm	7mm	1.2mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		1.2mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm
		11.3 kN		7.5 kN		9.2 Nm	
	Steel substrate						
		2 612 N	3 764 N	4 973 N	7 187 N	9 498 N	11 380 N
	Steel profile	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
	11 washer	1 474 N	2 195 N	2 746 N	4 133 N	5 271 N	6 631 N

See also:

7115
stitcher

Information correct at time of publication. We reserve the right to change product specifications without notice.
Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

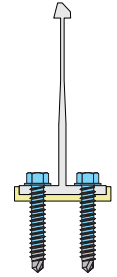
Fix brackets, halter clips, etc.

Fasten to cold rolled rails and purlins 1.5 - 3.5mm

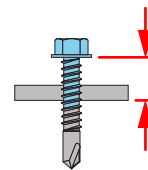


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	6.3mm
<i>Drill capacity</i>	1.5mm - 3.5mm
<i>Drill diameter</i>	5.2mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM






7517 Range



Length	Maximum clamp	Minimum clamp
35mm	22mm	1.5mm
47mm	34mm	1.5mm



Performance data (ultimate values without safety margins)

		14.55 kN		9.71 kN		13.0 Nm
 Steel substrate	1.5mm	2.0mm	2.5mm	3.0mm		
	4 029 N	5 678 N	7 960 N	10 348 N		
 Steel profile	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
16 washer	3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N
19 washer	3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N

See also:
7510
fix to light section

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Stainless steel bi-metal fasteners

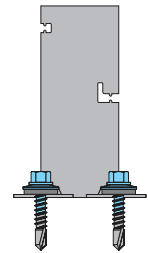
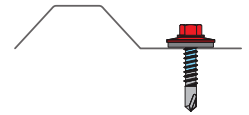
Fix profile, brackets, spacers, etc.

Fasten to cold rolled rails and purlins 1.5 - 6.0mm

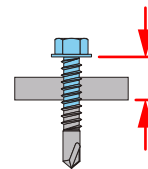


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	1.5mm - 6.0mm
<i>Drill diameter</i>	4.9mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199




7520 Range



Length	Maximum clamp	Minimum clamp
26mm	8mm	1.5mm
32mm	14mm	1.5mm
38mm	20mm	1.5mm
50mm	31mm	1.5mm
225mm	208mm	122mm
250mm	233mm	147mm
275mm	258mm	172mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		11.3 kN	7.5 kN	9.2 Nm			
							
	Steel substrate	2.0mm	2.5mm	3.0mm	4.0mm		
		2 730 N	3 790 N	4 760 N	7 520 N		
	Steel profile	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
	16 washer	3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N
	19 washer	3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N

See also:
[7510](#)
 fix to light section
[7550](#)
 stitcher
[7120](#)
 low profile head

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Stainless steel bi-metal fasteners

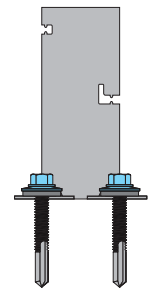
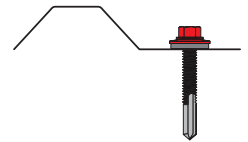
Fix profile, brackets, spacers, etc.

Fasten to cold rolled rails and purlins 4.0 - 12.5mm

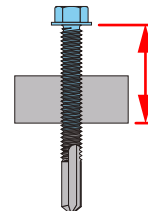


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	4.0mm - 12.5mm
<i>Drill diameter</i>	5.1mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199






7530 Range



Length	Maximum clamp	Minimum clamp
40mm	14mm	4mm
50mm	24mm	4mm
62mm	36mm	4mm
80mm	54mm	30mm
100mm	74mm	40mm
225mm	199mm	130mm
250mm	224mm	155mm
280mm	252mm	185mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		11.3 kN		7.5 kN		9.2 Nm	
<i>Steel substrate</i>		4.0mm	5.0mm	6.0mm			
		10 700 N	11 600 N	12 600 N			
<i>Steel profile</i>		0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
<i>16 washer</i>		3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N
<i>19 washer</i>		3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N

See also:
[7510](#)
 fix to light section
[7550](#)
 stitcher
[7130](#)
 low profile head

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Stainless steel bi-metal fasteners

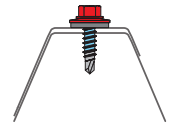
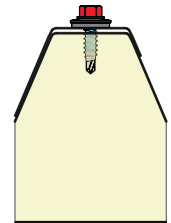
Stitch overlapping profile

Stitch side and end laps to maximum 2 x 1.0mm

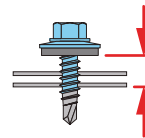


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	4.8mm, 5.5mm, 6.3mm
<i>Drill capacity</i>	Maximum 2 x 1.0mm
<i>Drill diameter</i>	3.2mm (Ø4.8), 3.5mm (Ø5.5), 3.7mm (Ø6.3)
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199

7550 Range



Size	Maximum clamp
4.8 x 20mm	5mm
5.5 x 22mm	7mm
6.3 x 25mm	9mm



Performance data (ultimate values without safety margins - see ETA for approval details)

Ø4.8	6.9 kN	4.6 kN	6.8 Nm			
Ø5.5	8.5 kN	5.5 kN	9.4 Nm			
Ø6.3	13.5 kN	9.0 kN	12.7 Nm			
<i>Steel profile</i>	<i>0.63mm</i>	<i>0.75mm</i>	<i>1.0mm</i>	<i>1.25mm</i>	<i>2 x 0.75mm</i>	<i>2 x 1.25mm</i>
Ø4.8	740 N	1 000 N	1 520 N	2 160 N	5 270 N	
Ø5.5	990 N	1 300 N	2 170 N	2 500 N	2 300 N	5 738 N
Ø6.3	1 404 N	1 711 N	2 540 N	3 400 N	7 229 N	
<i>Steel profile</i>	<i>0.40mm</i>	<i>0.50mm</i>	<i>0.63mm</i>	<i>0.75mm</i>	<i>0.88mm</i>	<i>1.00mm</i>
16 washer	3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N
19 washer	3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N

See also:

7510

fix to light section

7530

fix to heavy section

7140

low profile head

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Stainless steel bi-metal fasteners

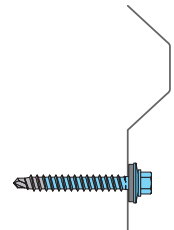
Fix façade panel or profile

Fasten to timber

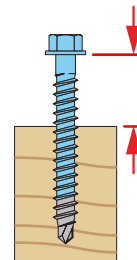


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	6.5mm
<i>Drill capacity</i>	2 x 1.25mm
<i>Drill diameter</i>	3.9mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-10/0199, ETA-13/0182

7565 Range






Length	Maximum clamp	Minimum clamp
50mm	5mm	0mm
65mm	20mm	0mm
75mm	30mm	0mm
90mm	45mm	0mm



Recommended minimum embedment 45mm

Performance data (ultimate values without safety margins - see ETA for approval details.)

	15.0 kN	14.6 kN	10.5 Nm				
							
 Embedment	20mm	30mm	40mm				
	3 350 N	6 715 N	7 398 N				
 Steel profile	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm	
16 washer	3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N	
19 washer	3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N	



See also:
7591
fix timber to light section

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Please see last page of this brochure for details.

Stainless steel bi-metal fasteners

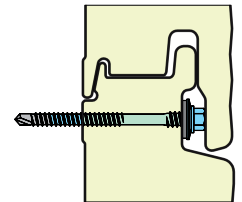
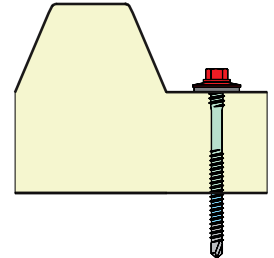
Fix composite panel

Fasten to cold rolled rails and purlins 1.5 - 6.0mm

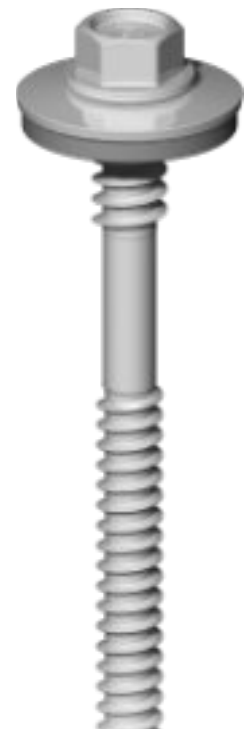
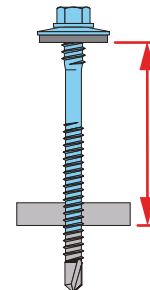


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>High thread diameter</i>	6.3mm
<i>Drill capacity</i>	1.5mm - 6.0mm
<i>Drill diameter</i>	4.9mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-13/0182






7570 Range



<i>Length</i>	<i>Maximum clamp</i>	<i>Minimum clamp</i>
70mm	50mm	27mm
85mm	65mm	37mm
110mm	90mm	57mm
125mm	105mm	63mm
145mm	125mm	66mm
175mm	155mm	96mm
195mm	175mm	116mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		13.2 kN		8.8 kN		9.6 Nm	
<i>Steel substrate</i>		1.5mm	2.0mm	3.0mm	4.0mm	5.0mm	6.0mm
		2 020 N	3 040 N	5 910 N	7 520 N	8 110 N	8 790 N
<i>Steel profile</i>		0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
<i>16 washer</i>		3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N
<i>19 washer</i>		3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N

See also:

7571

fix to light section

7575

fix to heavy section

7550

stitcher

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Stainless steel bi-metal fasteners

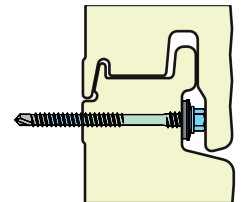
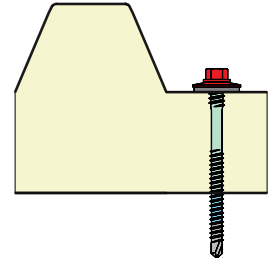
Fix composite panel

Fasten to cold rolled rails and purlins 1.2 - 3.5mm

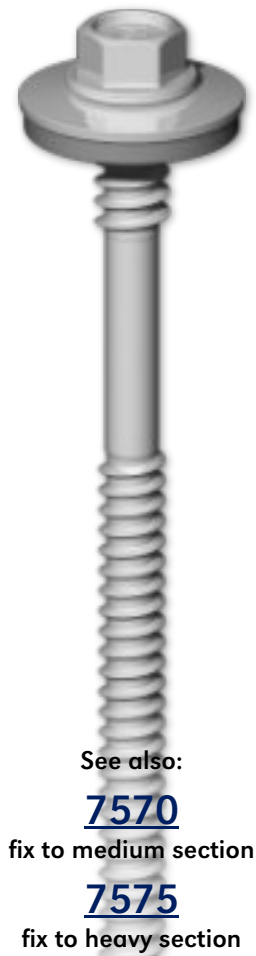
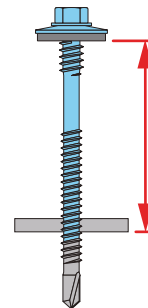


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>High thread diameter</i>	6.3mm
<i>Drill capacity</i>	1.2mm - 3.5mm
<i>Drill diameter</i>	4.6mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-13/0182






7571 Range



Length	Maximum clamp	Minimum clamp
75mm	50mm	27mm
95mm	70mm	37mm
115mm	90mm	57mm
135mm	110mm	51mm
160mm	135mm	76mm
180mm	155mm	96mm
200mm	175mm	116mm



Performance data (ultimate values without safety margins - see ETA for approval details)

	13.2 kN	8.8 kN	9.6 Nm			
						
<i>Steel substrate</i>	1.2mm	1.5mm	2.0mm	2.5mm	3.0mm	3.5mm
	2 612 N	3 764 N	4 973 N	7 187 N	9 498 N	8 790 N
<i>Steel profile</i>	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
	<i>16 washer</i>	3 595 N	5 090 N	5 430 N	6 440 N	7 530 N
	<i>19 washer</i>	3 955 N	5 600 N	6 640 N	7 720 N	9 020 N
						11 100 N

See also:

[7570](#)

fix to medium section

[7575](#)

fix to heavy section

[7550](#)

stitcher

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Stainless steel bi-metal fasteners

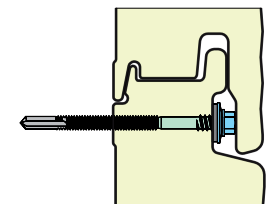
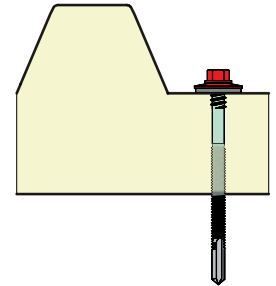
Fix composite panel

Fasten to cold rolled rails and purlins 4.0 - 12.5mm

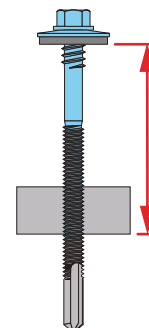


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	5.5mm
<i>High thread diameter</i>	6.3mm
<i>Drill capacity</i>	4.0mm - 12.5mm
<i>Drill diameter</i>	5.1mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM
<i>Approval</i>	ETA-13/0182

7575 Range



<i>Length</i>	<i>Maximum clamp</i>	<i>Minimum clamp</i>
80mm	52mm	20mm
95mm	67mm	35mm
115mm	87mm	55mm
135mm	107mm	75mm
155mm	127mm	95mm
175mm	147mm	115mm
195mm	167mm	135mm



Performance data (ultimate values without safety margins - see ETA for approval details)

		13.2 kN		8.8 kN		9.6 Nm	
	<i>Steel substrate</i>	4.0mm	5.0mm	6.0mm			
		10 700 N	11 600 N	12 600 N			
	<i>Steel profile</i>	0.40mm	0.50mm	0.63mm	0.75mm	0.88mm	1.00mm
	<i>16 washer</i>	3 595 N	5 090 N	5 430 N	6 440 N	7 530 N	8 620 N
	<i>19 washer</i>	3 955 N	5 600 N	6 640 N	7 720 N	9 020 N	11 100 N

See also:

[**7571**](#)

fix to light section

[**7570**](#)

fix to medium section

[**7550**](#)

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Stainless steel bi-metal fasteners

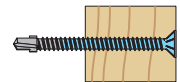
Fix timber to steel substrate

Fasten to cold rolled rails and purlins 1.5 - 5.0mm

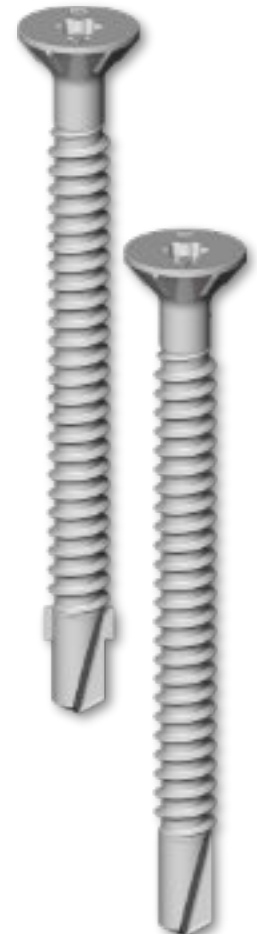
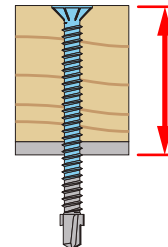


<i>Material</i>	304/A2 grade bi-metal stainless steel
<i>Drill point material</i>	Hardened carbon steel
<i>Thread diameter</i>	4.8mm, 5.5 mm
<i>Drill capacity</i>	1.5 - 4.5mm (Ø4.8) 1.5 - 5.0mm (Ø5.5)
<i>Drill diameter</i>	4.0mm (Ø4.8), 4.7 (Ø5.5)
<i>Head</i>	Ø9.5mm (Ø4.8), Ø10.5mm (Ø5.5) self counter-sinking
<i>Drive</i>	DS25
<i>Features</i>	Available with or without clearance wings

7591 Range



<i>Dia. x Length</i>	<i>Maximum clamp</i>	<i>Minimum clamp</i>
4.8 x 45mm	28mm	10mm
5.5 x 65mm	45mm	10mm



Performance data (ultimate values without safety margins)

Ø	Steel substrate	Steel substrate thickness					
		1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm
Ø4.8		8.68 kN	6.04 kN	5.5 Nm			
Ø6.3		10.50 kN	11.40 kN	8.3 Nm			
Ø4.8	Ø4.8	2 402 N	4 039 N	5 656 N	6 334 N	8 680 N	
	Ø5.5	2 456 N	3 565 N	4 585 N	7 584 N	9 924 N	10 500 N

See also:
7565
fix to timber

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Stainless steel fasteners
Fix aluminium to aluminium
Fasten to aluminium 1.5 - 6.0mm

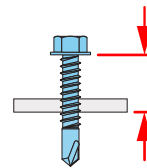


7610 Range





<i>Material</i>	304/A2 or 316/A4 grade stainless steel
<i>Drill point material</i>	304/A2 or 316/A4 grade stainless steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	1.5mm - 6.0mm
<i>Drill diameter</i>	4.5mm
<i>Head</i>	Ø11.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon
<i>Washer diameter</i>	16mm, 19mm, 22mm, 29mm
<i>Washer material</i>	304/A2 grade stainless steel/vulcanised EPDM



<i>Length</i>	<i>Maximum clamp</i>	<i>Minimum clamp</i>
20mm	11mm	1.5mm
25mm	16mm	1.5mm
32mm	23mm	1.5mm



Performance data (ultimate values without safety margins)

		9.65 kN		7.49 kN		9.5 Nm
<i>Aluminium substrate</i>		1.5mm	2.0mm	3.0mm	4.0mm	5.3mm
		1 208 N	2 254 N	3 650 N	5 716 N	> 9 000 N

See also:
7510
 fix to steel

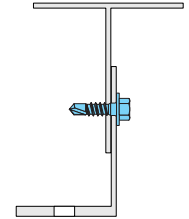
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Stainless steel fasteners
Fix aluminium to aluminium
Fasten to aluminium 1.0 - 4.0mm

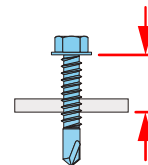


<i>Material</i>	304/A2 grade stainless steel
<i>Drill point material</i>	304/A2 grade stainless steel
<i>Thread diameter</i>	5.5mm
<i>Drill capacity</i>	1.0mm - 4.0mm
<i>Drill diameter</i>	4.3mm
<i>Head</i>	Ø13.0mm hex-washer
<i>Drive</i>	8mm A/F hexagon





7612 Range



<i>Length</i>	<i>Maximum clamp</i>	<i>Minimum clamp</i>
20mm	11mm	1.5mm
25mm	16mm	1.5mm
32mm	23mm	1.5mm



Performance data (ultimate values without safety margins)

		9.11 kN		6.89 kN		9.5 Nm
<i>Aluminium substrate</i>		1.0mm	2.0mm	3.0mm	4.0mm	
		731 N	3 101 N	3 803 N	6 889 N	

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