 0086	Declaration of Performance
voestalpine Metsec plc 21 0086-CPR-741424	
EN 1090-1:2009+A1:2011	

Notified Body	BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom
Manufacturer	Voestalpine Metsec plc Purlins & Framing Broadwell Road, Oldbury West Midlands, B69 4HF

System of assessment and verification of constancy of performance of the product	2+
---	----

Intended Use:	Cold roll formed Light Gauge Steel Framing System, External Wall Systems – Infill, Continuous (over sail) Walling, Panelised Walling.
Parent Materials:	BS EN 10346:2015 S450GD + Z275 NA-C BS EN 10346:2015 S450GD + Z600 NA-C

Declared Performance	
Essential Characteristics	Performance
Mechanical Resistance: Tolerances on geometrical data Weldability Fracture toughness Load bearing capacity Fatigue strength	EN 1090-2 NPD NPD NPD NPD

voestalpine Metsec plc

Safety in case of Fire: Reaction to fire Resistance to fire	Class A1 NPD
Health, Safety and the Environment Release of Cadmium Emission of Radioactivity	NPD NPD
Durability	Zinc coating (Z275/Z600) in accordance with EN 10346:2015
Declared Performance	
Essential Characteristics	Performance
Structural Characteristics Load bearing capacity Deformation and serviceability limit state Fatigue Strength	Design according to EN 1993-1-3. The technical documentation relevant to the above product can be made available for inspection on application. See note above NPD
Manufacturing	According to voestalpine Metsec plc component specifications and EN 1090-2 EXC 4.

Product Flange Width	Product Code	Material Thickness
Studs & Joists		
50mm	090M12-50	1.2mm
62mm	090M12-62	1.2mm
75mm	090M12-75	1.2mm
75mm	090M14-75	1.4mm
75mm	090M16-75	1.6mm
75mm	090M18-75	1.8mm
75mm	090M20-75	2.0mm
50mm	100M12-50	1.2mm
70mm	100M14-70	1.4mm
70mm	100M20-70	2.0mm
50mm	120M12-50	1.2mm
62mm	120M12-62	1.2mm
75mm	120M12-75	1.2mm
75mm	120M14-75	1.4mm
75mm	120M16-75	1.6mm
75mm	120M18-75	1.8mm
75mm	120M20-75	2.0mm
75mm	150M12-75	1.2mm
75mm	150M14-75	1.4mm
75mm	150M16-75	1.6mm
75mm	150M18-75	1.8mm
75mm	150M20-75	2.0mm

voestalpine

ONE STEP AHEAD.

voestalpine Metsec plc

Product Flange Width	Product Code	Material Thickness
Studs & Joists		
50mm	180M12-50	1.2mm
62mm	180M12-62	1.2mm
75mm	180M12-75	1.2mm
75mm	180M14-75	1.4mm
75mm	180M16-75	1.6mm
75mm	180M18-75	1.8mm
75mm	180M20-75	2.0mm
50mm	210M12-50	1.2mm
62mm	210M12-62	1.2mm
75mm	210M13-75	1.3mm
75mm	210M16-75	1.6mm
75mm	210M18-75	1.8mm
75mm	210M20-75	2.0mm
50mm	240M12-50	1.2mm
62mm	240M13-62	1.3mm
75mm	240M13-75	1.3mm
75mm	240M16-75	1.6mm
75mm	240M18-75	1.8mm
75mm	240M20-75	2.0mm
50mm	270M13-50	1.3mm
62mm	270M13-62	1.3mm
75mm	270M16-75	1.6mm
75mm	270M18-75	1.8mm
75mm	270M20-75	2.0mm
50mm	300M13-50	1.3mm
62mm	300M16-62	1.6mm
75mm	300M18-75	1.8mm
75mm	300M20-75	2.0mm
89mm	300M25-89	2.5mm
89mm	300M29-89	2.9mm
54mm	350M18-54	1.8mm
68mm	350M20-68	2.0mm
84mm	350M23-84	2.3mm
84mm	350M25-84	2.5mm
84mm	350M30-84	3.0mm
Tracks		
40mm	094M12-40	1.2mm
70mm	094M12-70	1.2mm
70mm	094M14-70	1.4mm
70mm	094M16-70S	1.6mm
70mm	094M20-70	2.0mm
40mm	104M12-40	1.2mm


voestalpine Metsec plc

Product Width	Product Code	Material Thickness
Tracks		
70mm	104M16-70S	1.6mm
65mm	104M20-65	2.0mm
40mm	124M12-40	1.2mm
70mm	124M12-70	1.2mm
70mm	124M14-70	1.4mm
70mm	124M16-70S	1.6mm
70mm	124M20-70	2.0mm
40mm	154M12-40	1.2mm
70mm	154M12-70	1.2mm
70mm	154M14-70	1.4mm
70mm	154M16-70S	1.6mm
70mm	154M20-70	2.0mm
40mm	184M12-40	1.2mm
70mm	184M12-70	1.2mm
70mm	184M14-70	1.4mm
70mm	184M16-70S	1.6mm
70mm	184M20-70	2.0mm
40mm	214M12-40	1.2mm
70mm	214M12-70	1.2mm
70mm	214M14-70	1.4mm
70mm	214M16-70	1.6mm
70mm	214M18-70	1.8mm
70mm	214M20-70	2.0mm
40mm	244M12-40	1.2mm
70mm	244M13-70	1.3mm
70mm	244M16-70	1.6mm
70mm	244M18-70	1.8mm
70mm	244M20-70	2.0mm
40mm	274M12 -40	1.2mm
70mm	274M13-70	1.3mm
70mm	274M16-70	1.6mm
70mm	274M18-70	1.8mm
70mm	274M20-70	2.0mm
40mm	304M13-40	1.3mm
70mm	304M16-70	1.6mm
70mm	304M18-70	1.8mm
70mm	304M20-70	2.0mm
45mm	354M16-45	1.6mm
60mm	354M18-60	1.8mm
75mm	354M20-75	2.0mm
75mm	356M25-75	2.5mm
75mm	356M29-75	2.9mm

voestalpine Metsec plc

Studs Z600		
90mm	090M20-62G	2.0mm
100mm	100M20-57G	2.0mm
120mm	120M20-62G	2.0mm
150mm	150M20-62G	2.0mm
180mm	180M20-62G	2.0mm
210mm	210M20-62G	2.0mm
240mm	240M20-62G	2.0mm
270mm	270M20-62G	2.0mm
300mm	300M20-62G	2.0mm
350mm	350M20-62G	2.0mm
Tracks Z600		
94mm	094M20-70G	2.0mm
104mm	104M20-65G	2.0mm
124mm	124M20-70G	2.0mm
154mm	154M20-70G	2.0mm
184mm	184M20-70G	2.0mm
214mm	214M20-70G	2.0mm
244mm	244M20-70G	2.0mm
274mm	274M20-70G	2.0mm
304mm	304M20-70G	2.0mm
354mm	354M20-75G	2.0mm

The performance of the product(s) identified above is in conformity with the declared performance in the table above and meets the requirements of the designated standard EN1090-1:2009+A1:2011. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

<p>Name and Function Alan Harris – Quality Director Signed in the premises of voestalpine Metsec plc Oldbury West Midlands</p>	
<p>Date of issue</p>	<p>1st November 2023</p>