 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+
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Intended Use:	Accessories for cold roll formed Zed Purlins, "C" sections and Mezzanine sections intended for building shell applications made from continuously hot dip coated structural steel and/or post galvanized structural steel
Parent Materials:	BS EN 10346:2015 S350GD + Z275 NA-C BS EN 10346:2015 S350GD + Z600 NA-C BS EN 10025-2:2004 S355JR + AR BS EN 10025-2:2004 S275JR + AR

Declared Performance	
Essential Characteristics	Performance
Mechanical Resistance: Tolerances on geometrical data Weldability	EN 1090-2 NPD

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Fracture toughness	NPD
Load bearing capacity	NPD
Fatigue strength	NPD
Safety in case of Fire:	
Reaction to fire	Class A1
Resistance to fire	NPD
Health, Safety and the Environment	
Release of Cadmium	NPD
Emission of Radioactivity	NPD
Declared Performance	
Essential Characteristics	Performance
Durability	Continuously hot dip coated steel, coating weights Z275 and Z600 according to BS EN 10346:2015 Hot dip galvanizing according to BS EN ISO 1461:2009
Structural Characteristics	
Load bearing capacity	NPD
Deformation and serviceability limit state	NPD
Fatigue Strength	NPD
Manufacturing	According to voestalpine Metsec plc component specifications and EN 1090-2 EXC 4.

Part Description	Part Height	Material Thickness
Weld On Cleat		
WOC142	130mm	4.0mm
WOC172	160mm	4.0mm
WOC202	190mm	4.0mm
WOC232	220mm	4.0mm
WOC262	250mm	4.0mm
WOC302	280mm	4.0mm
WOC342	320mm	4.0mm
Bolt On Cleat		
BOC142	130mm	6.0mm
BOC172	160mm	6.0mm
BOC202	190mm	6.0mm
BOC232	220mm	6.0mm
BOC262	250mm	6.0mm
BOC302	280mm	8.0mm
BOC342	320mm	8.0mm
Trimmer Cleat		
TC142	126mm	3.0mm
TC172	126mm	3.0mm
TC202	136mm	3.0mm

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ONE STEP AHEAD.

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Product Description	Part Height	Material Thickness
Trimmer Cleat		
TC232	142mm	3.0mm
TC262	146mm	3.0mm
TC302	156mm	3.0mm
TC342	166mm	3.0mm
Mezzanine Insert Cleat		
MIC142x4	60mm	4.0mm
MIC142x5	60mm	5.0mm
MIC150x4	60mm	4.0mm
MIC150x5	60mm	5.0mm
MIC165x4	70mm	4.0mm
MIC165x5	70mm	5.0mm
MIC172x4	70mm	4.0mm
MIC172x5	70mm	5.0mm
MIC202x4	100mm	4.0mm
MIC202x5	100mm	5.0mm
MIC220x4	100mm	4.0mm
MIC220x5	100mm	5.0mm
MIC232x4	130mm	4.0mm
MIC232x5	130mm	5.0mm
MIC262x4	160mm	4.0mm
MIC262x5	160mm	5.0mm
MIC302x4	200mm	4.0mm
MIC302x5	200mm	5.0mm
MIC342x4	240mm	4.0mm
MIC342x5	240mm	5.0mm
Mezzanine Overseal Cleat		
MOC142	134mm	4.0mm
MOC150	138mm	4.0mm
MOC165	150mm	4.0mm
MOC172	154mm	4.0mm
MOC202	184mm	4.0mm
MOC220	193mm	4.0mm
MOC232	214mm	4.0mm
MOC262	244mm	4.0mm
MOC302	284mm	4.0mm
MOC342	324mm	4.0mm
Riveted C Rail		
RCR142C13	142mm	1.3mm
RCR142C14	142mm	1.4mm
RCR142C15	142mm	1.5mm
RCR142C16	142mm	1.6mm
RCR142C18	142mm	1.8mm
RCR142C20	142mm	2.0mm

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Product Description	Part Height	Material Thickness
Riveted C Rail		
RCR172C13	172mm	1.3mm
RCR172C14	172mm	1.4mm
RCR172C15	172mm	1.5mm
RCR172C16	172mm	1.6mm
RCR172C18	172mm	1.8mm
RCR172C20	172mm	2.0mm
RCR172C23	172mm	2.3mm
RCR172C25	172mm	2.5mm
RCR202C13	202mm	1.3mm
RCR202C14	202mm	1.4mm
RCR202C15	202mm	1.5mm
RCR202C16	202mm	1.6mm
RCR202C18	202mm	1.8mm
RCR202C20	202mm	2.0mm
RCR202C23	202mm	2.3mm
RCR202C27	202mm	2.7mm
RCR232C14	232mm	1.4mm
RCR232C15	232mm	1.5mm
RCR232C16	232mm	1.6mm
RCR232C18	232mm	1.8mm
RCR232C20	232mm	2.0mm
RCR232C23	232mm	2.3mm
RCR232C25	232mm	2.5mm
RCR262C15	262mm	1.5mm
RCR262C16	262mm	1.6mm
RCR262C18	262mm	1.8mm
RCR262C20	262mm	2.0mm
RCR262C23	262mm	2.3mm
RCR262C25	262mm	2.5mm
RCR262C29	262mm	2.9mm
RCR302C18	302mm	1.8mm
RCR302C20	302mm	2.0mm
RCR302C23	302mm	2.3mm
RCR302C25	302mm	2.5mm
RCR302C29	302mm	2.9mm
RCR342C20	342mm	2.0mm
RCR342C23	342mm	2.3mm
RCR342C25	342mm	2.5mm
RCR342C27	342mm	2.7mm
RCR342C30	342mm	3.0mm

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Part Description	Hole Positions	Material Thickness
Eaves Beam Stiffener		
EBS170	40mm & 86mm	6.0mm
EBS200	40mm & 116mm	6.0mm
EBS230	40mm & 146mm	6.0mm
EBS270	44mm & 176mm	6.0mm
EBS330	44mm & 235mm	6.0mm
Part Description	Part Height	Material Thickness
Packing Plates		
PP142	116mm	6.0mm
PP172	146mm	6.0mm
PP202	176mm	6.0mm
PP232	206mm	6.0mm
PP262	236mm	6.0mm
PP302	255mm	6.0mm
PP342	295mm	6.0mm
Various Accessory Items		
EB – Eaves Beam Brace	Various	Various
SRS – Side Rail Support	Various	Various
RS – Rafter Stay	Various	Various
45x45x2 – Cleader Angle	Various	Various
100x100x2 – Cleader Angle	Various	Various
DTW – Tensioner Assembly	Various	Various
HCS – Horizontal Support (Eaves)	Various	Various
PJR – Multiple Cleats	Various	Various
SR – SAG Rod Assembly	Various	Various

<p>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>	
<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>