 2797	Declaration of Performance
voestalpine Metsec plc 14 2797-CPR-649436	
EN 1090-1:2009+A1:2011	

Notified Body	BSI Group The Netherlands BV. John M, Keynesplein 9, 1066 EP Amsterdam, The Netherlands
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 Zed Purlins and “C” sections for building shell applications made from continuously hot dip coated structural steel.
Parent Materials:	BS EN 10346:2015 S450GD + Z275 NA-C (DECARB) BS EN 10346:2015 S450GD + Z600 NA-C (DECARB)

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
Safety in case of Fire: Reaction to fire Resistance to fire	Class A1 NPD
Health, Safety and the Environment Release of Cadmium	NPD

voestalpine Metsec plc

Emission of Radioactivity	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.

Part Description	Product Code	Material Thickness
ZED Sections		
142mm	142Z13X	1.3mm
142mm	142Z14X	1.4mm
142mm	142Z15X	1.5mm
142mm	142Z16X	1.6mm
142mm	142Z18X	1.8mm
142mm	142Z20X	2.0mm
172mm	172Z13X	1.3mm
172mm	172Z14X	1.4mm
172mm	172Z15X	1.5mm
172mm	172Z16X	1.6mm
172mm	172Z18X	1.8mm
172mm	172Z20X	2.0mm
172mm	172Z23X	2.3mm
172mm	172Z25X	2.5mm
202mm	202Z13X	1.3mm
202mm	202Z14X	1.4mm
202mm	202Z15X	1.5mm
202mm	202Z16X	1.6mm
202mm	202Z18X	1.8mm
202mm	202Z20X	2.0mm
202mm	202Z23X	2.3mm
202mm	202Z27X	2.7mm
232mm	232Z14X	1.4mm
232mm	232Z15X	1.5mm
232mm	232Z16X	1.5mm
232mm	232Z18X	1.8mm
232mm	232Z20X	2.0mm

voestalpine

ONE STEP AHEAD.

voestalpine Metsec plc

Part Description	Product Code	Material Thickness
ZED Sections		
232mm	232Z23X	2.3mm
232mm	232Z25X	2.5mm
262mm	262Z15X	1.5mm
262mm	262Z16X	1.6mm
262mm	262Z18X	1.8mm
262mm	262Z20X	2.0mm
262mm	262Z23X	2.3mm
262mm	262Z25X	2.5mm
262mm	262Z29X	2.9mm
302mm	302Z18X	1.8mm
302mm	302Z20X	2.0mm
302mm	302Z23X	2.3mm
302mm	302Z25X	2.5mm
302mm	302Z29X	2.9mm
342mm	342Z20X	2.0mm
342mm	342Z23X	2.3mm
342mm	342Z25X	2.5mm
342mm	342Z27X	2.7mm
342mm	342Z30X	3.0mm
402mm	402Z30X	3.0mm
C Sections		
142mm	142C13X	1.3mm
142mm	142C14X	1.4mm
142mm	142C15X	1.5mm
142mm	142C16X	1.6mm
142mm	142C18X	1.8mm
142mm	142C20X	2.0mm
172mm	172C13X	1.3mm
172mm	172C14X	1.4mm
172mm	172C15X	1.5mm
172mm	172C16X	1.6mm
172mm	172C18X	1.8mm
172mm	172C20X	2.0mm
172mm	172C23X	2.3mm
172mm	172C25X	2.5mm
202mm	202C13X	1.3mm
202mm	202C14X	1.4mm
202mm	202C15X	1.5mm
202mm	202C16X	1.6mm
202mm	202C18X	1.8mm
202mm	202C20X	2.0mm
202mm	202C23X	2.3mm
202mm	202C27X	2.7mm

voestalpine Metsec plc

Product Description	Product Code	Material Thickness
C Sections		
232mm	232C14X	1.4mm
232mm	232C15X	1.5mm
232mm	232C16X	1.6mm
232mm	232C18X	1.8mm
232mm	232C20X	2.0mm
232mm	232C23X	2.3mm
232mm	232C25X	2.5mm
262mm	262C15X	1.5mm
262mm	262C16X	1.6mm
262mm	262C18X	1.8mm
262mm	262C20X	2.0mm
262mm	262C23X	2.3mm
262mm	262C25X	2.5mm
262mm	262C29X	2.9mm
302mm	302C18X	1.8mm
302mm	302C20X	2.0mm
302mm	302C23X	2.3mm
302mm	302C25X	2.5mm
302mm	302C29X	2.9mm
342mm	342C20X	2.0mm
342mm	342C23X	2.3mm
342mm	342C25X	2.5mm
342mm	342C27X	2.7mm
342mm	342C30X	3.0mm
402mm	402C30X	3.0mm
Mezzanine Section		
142mm	142M13X	1.3mm
142mm	142M14X	1.4mm
142mm	142M15X	1.5mm
142mm	142M16X	1.6mm
142mm	142M18X	1.8mm
142mm	142M20X	2.0mm
150mm	150M15X	1.5mm
150mm	150M20X	2.0mm
165mm	165M15X	1.5mm
165mm	165M20X	2.0mm
172mm	172M13X	1.3mm
172mm	172M14X	1.4mm
172mm	172M15X	1.5mm
172mm	172M16X	1.6mm
172mm	172M18X	1.8mm
172mm	172M20X	2.0mm
172mm	172M23X	2.3mm

voestalpine Metsec plc

Product Description	Product Code	Material Thickness
Mezzanine Section		
172mm	172M25X	2.5mm
202mm	202M13X	1.3mm
202mm	202M14X	1.4mm
202mm	202M15X	1.5mm
202mm	202M16X	1.6mm
202mm	202M18X	1.8mm
202mm	202M20X	2.0mm
202mm	202M23X	2.3mm
202mm	202M27X	2.7mm
220mm	220M15X	1.5mm
220mm	220M20X	2.0mm
232mm	232M14X	1.4mm
232mm	232M15X	1.5mm
232mm	232M16X	1.6mm
232mm	232M18X	1.8mm
232mm	232M20X	2.0mm
232mm	232M23X	2.3mm
232mm	232M25X	2.5mm
262mm	262M15X	1.5mm
262mm	262M16X	1.6mm
262mm	262M18X	1.8mm
262mm	262M20X	2.0mm
262mm	262M23X	2.3mm
262mm	262M25X	2.5mm
262mm	262M29X	2.9mm
302mm	302M18X	1.8mm
302mm	302M20X	2.0mm
302mm	302M23X	2.3mm
302mm	302M25X	2.5mm
302mm	302M29X	2.9mm
342mm	342M20X	2.0mm
342mm	342M23X	2.3mm
342mm	342M25X	2.5mm
342mm	342M27X	2.7mm
342mm	342M30X	3.0mm
Wide Flange ZED Section		
202mm	202Z14/92X	1.4mm
202mm	202Z15/92X	1.5mm
202mm	202Z16/92X	1.6mm
202mm	202Z18/92X	1.8mm
202mm	202Z20/92X	2.0mm
202mm	202Z23/92X	2.3mm
202mm	202Z25/92X	2.5mm

voestalpine Metsec plc

Product Description	Product Code	Material Thickness
Wide Flange ZED Section		
232mm	232Z15/92X	1.5mm
232mm	232Z16/92X	1.6mm
232mm	232Z18/92X	1.8mm
232mm	232Z20/92X	2.0mm
232mm	232Z23/92X	2.3mm
232mm	232Z25/92X	2.5mm
262mm	262Z16/92X	1.6mm
262mm	262Z18/92X	1.8mm
262mm	262Z23/92X	2.3mm
Purlins Sleeves		
142mm	PS142Z13X	1.3mm
142mm	PS142Z14X	1.4mm
142mm	PS142Z15X	1.5mm
142mm	PS142Z16X	1.6mm
142mm	PS142Z18X	1.8mm
142mm	PS142Z20X	2.0mm
172mm	PS172Z13X	1.3mm
172mm	PS172Z14X	1.4mm
172mm	PS172Z15X	1.5mm
172mm	PS172Z16X	1.6mm
172mm	PS172Z18X	1.8mm
172mm	PS172Z20X	1.8mm
202mm	PS202Z13X	1.3mm
202mm	PS202Z14X	1.4mm
202mm	PS202Z15X	1.5mm
202mm	PS202Z16X	1.6mm
202mm	PS202Z18X	1.8mm
202mm	PS202Z20X	2.0mm
202mm	PS202Z23X	2.3mm
202mm	PS202Z27X	2.7mm
232mm	PS232Z14X	1.4mm
232mm	PS232Z15X	1.5mm
232mm	PS232Z16X	1.6mm
232mm	PS232Z18X	1.8mm
232mm	PS232Z20X	2.0mm
232mm	PS232Z23X	2.3mm
232mm	PS232Z25X	2.5mm
302mm	PS302Z18X	1.8mm
302mm	PS302Z20X	2.0mm
302mm	PS302Z23X	2.3mm
302mm	PS302Z25X	2.5mm
302mm	PS302Z29X	2.9mm
342mm	PS342Z20X	2.0mm

voestalpine Metsec plc


Part Description	Part Code	Material Thickness
Purlins Sleeves		
342mm	PS342Z23X	2.3mm
342mm	PS342Z25X	2.5mm
342mm	PS342Z27X	2.7mm
342mm	PS342Z30X	3.0mm
402mm	PS402Z30X	3.0mm
C Sleeves		
142mm	CS142C13X	1.3mm
142mm	CS142C14X	1.4mm
142mm	CS142C15X	1.5mm
142mm	CS142C16X	1.6mm
142mm	CS142C18X	1.8mm
142mm	CS142C20X	2.0mm
172mm	CS172C13X	1.3mm
172mm	CS172C14X	1.4mm
172mm	CS172C15X	1.5mm
172mm	CS172C16X	1.6mm
172mm	CS172C18X	1.8mm
172mm	CS172C20X	2.0mm
172mm	CS172C23X	2.3mm
172mm	CS172C25X	2.5mm
202mm	CS202C13X	1.3mm
202mm	CS202C14X	1.4mm
202mm	CS202C15X	1.5mm
202mm	CS202C16X	1.6mm
202mm	CS202C18X	1.8mm
202mm	CS202C20X	2.0mm
202mm	CS202C23X	2.3mm
202mm	CS202C27X	2.7mm
232mm	CS232C14X	1.4mm
232mm	CS232C15X	1.5mm
232mm	CS232C16X	1.6mm
232mm	CS232C18X	1.8mm
232mm	CS232C20X	2.0mm
232mm	CS232C23X	2.3mm
232mm	CS232C25X	2.5mm
262mm	CS262C15X	1.5mm
262mm	CS262C16X	1.6mm
262mm	CS262C18X	1.8mm
262mm	CS262C20X	2.0mm
262mm	CS262C23X	2.3mm

voestalpine Metsec plc

Part Description	Part Code	Material Thickness
C Sleeves		
262mm	CS262C25X	2.5mm
262mm	CS262C29X	2.9mm
302mm	CS302C18X	1.8mm
302mm	CS302C20X	2.0mm
302mm	CS302C23X	2.3mm
302mm	CS302C25X	2.5mm
302mm	CS302C29X	2.9mm
342mm	CS342C20X	2.0mm
342mm	CS342C23X	2.3mm
342mm	CS342C25X	2.5mm
342mm	CS342C27X	2.7mm
342mm	CS342C30X	3.0mm
402mm	CS402C30X	3.0mm
HEBS		
142mm	HEBS142Z14X	1.4mm
142mm	HEBS142Z15X	1.5mm
142mm	HEBS142Z16X	1.6mm
142mm	HEBS142Z18X	1.8mm
142mm	HEBS142Z20X	2.0mm
172mm	HEBS172Z14X	1.4mm
172mm	HEBS172Z15X	1.5mm
172mm	HEBS172Z16X	1.6mm
172mm	HEBS172Z18X	1.8mm
172mm	HEBS172Z20X	2.0mm
172mm	HEBS172Z23X	2.3mm
172mm	HEBS172Z25X	2.5mm
202mm	HEBS202Z14X	1.4mm
202mm	HEBS202Z15X	1.5mm
202mm	HEBS202Z16X	1.6mm
202mm	HEBS202Z18X	1.8mm
202mm	HEBS202Z20X	2.0mm
202mm	HEBS202Z23X	2.3mm
202mm	HEBS202Z27X	2.7mm
232mm	HEBS232Z15X	1.5mm
232mm	HEBS232Z16X	1.6mm
232mm	HEBS232Z18X	1.8mm
232mm	HEBS232Z20X	2.0mm
232mm	HEBS232Z23X	2.3mm
232mm	HEBS232Z25X	2.5mm
262mm	HEBS262Z16X	1.6mm
262mm	HEBS262Z18X	1.8mm
262mm	HEBS262Z20X	2.0mm
262mm	HEBS262Z23X	2.3mm

voestalpine Metsec plc

Product Description	Product Code	Material Thickness
HEBS		
262mm	HEBS262Z25X	2.5mm
262mm	HEBS262Z29X	2.9mm
302mm	HEBS302Z20X	2.0mm
302mm	HEBS302Z23X	2.3mm
302mm	HEBS302Z25X	2.5mm
302mm	HEBS302Z29X	2.9mm
342mm	HEBS342Z23X	2.3mm
342mm	HEBS342Z25X	2.5mm
342mm	HEBS342Z27X	2.7mm
342mm	HEBS342Z30X	3.0mm
Purlins Wide Sleeves		
202mm	PS202Z14/87X	1.4mm
202mm	PS202Z15/87X	1.5mm
202mm	PS202Z16/87X	1.6mm
202mm	PS202Z18/87X	1.8mm
202mm	PS202Z20/87X	2.0mm
202mm	PS202Z23/87X	2.3mm
202mm	PS202Z25/87X	2.5mm
232mm	PS232Z15/87X	1.5mm
232mm	PS232Z16/87X	1.6mm
232mm	PS232Z18/87X	1.8mm
232mm	PS232Z20/87X	2.0mm
232mm	PS232Z23/87X	2.3mm
232mm	PS323Z25/87X	2.5mm
262mm	PS262Z16/87X	1.6mm
262mm	PS262Z18/87X	1.8mm
262mm	PS262Z23/87X	2.3mm

<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 harmonised 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>20th November 2024</p>