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


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| 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 |

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| System of assessment and verification of constancy of performance of the product | 2+ |
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| 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 BS EN 10346:2015 S450GD + Z600 NA-C |

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

voestalpine Metsec plc

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| 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 |
| Durability | Zinc coating (Z275/Z600) in accordance with EN 10346:2015 |
| Declared Performance | |
| Essential Characteristics | Performance |
| Structural Characteristics | |
| Load bearing capacity | Design according to EN 1993-1-3. The technical documentation relevant to the above product can be made available for inspection on application. |
| Deformation and serviceability limit state | See note above |
| Fatigue Strength | NPD |
| Manufacturing | According to voestalpine Metsec plc component specifications and EN 1090-2 EXC 4. |
| 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. | |
| Name and Function |  |
| Alan Harris – Quality Director Signed in the premises of voestalpine Metsec plc Oldbury West Midlands | |
| Date of issue | 25 th March 2021 |