



COLUMBUS  
STAINLESS  
[Pty] Ltd

**DECLARATION OF PERFORMANCE**  
**(according to Construction Products Regulation**  
**2011 (retained EU law EUR 305/2011) as amended**

Document no.:  
TEC-DOP-UKC4435H

Revision 0

**For the construction products: Hot Rolled Strip & Sheet of Corrosion Resisting Steel**

|    |  |  |
|----|--|--|
| 1. | Identification code of the product-type  | 1.4435 – EN 10088-4:2009   |
| 2. | Type   | 1.4435 See marking / label / inspection certificate                              |
| 3. | Intended use   | Building Construction or Civil Engineering                                       |
| 4. | Manufacturer   | Columbus Stainless (Pty) Ltd<br>Hendrina Road, Middelburg, South Africa,<br>1050 |
| 5. | Authorised Representative in the UK  | Acerinox U.K. Ltd., Heath Road, Darlaston West<br>Midlands WS10 8XL              |
| 6. | Assessment system and verification for constancy of performance as per Annex V   | EN 10088-4, Annex ZA, System 2+  |
| 7. | The Notified Body:<br>has conducted the first inspection and continuous surveillance according to the system:<br>and issued the certificate:<br>as a confirmation of conformity for the factory production control | TUV Rheinland UK Ltd.<br><br>2+<br>2571-UK-CPR-A304                              |
| 8. | Construction product with European Technical Assessment: No  |  |
| 9. | Declared Performance:  |  |
|    | <b>Essential Characteristics</b>   | <b>Performance</b>   |
|    | Tolerances on Dimensions and Shape   | Tables 1 to 10<br>Paragraphs 9, 10 & 11  |
|    | Mechanical Properties - Transverse:<br>• Tensile strength<br>• 0.2% Proof strength<br>Elongation<br>• Impact strength  | 550-700MPa<br>≥220MPa<br>≥40%<br>≥60J  |
|    | EN 10088-4:2009  |  |
|    | Weldability [Covered by chemical composition]  | Table 3  |
|    | EN 10088-4:2009  |  |
|    | Durability [Covered by chemical composition]   | Table 3  |
|    | EN 10088-4:2009  |  |
|    | Fracture Toughness / Brittle Strength [Covered by impact strength]   | Table 10   |
|    | EN 10088-4:2009  |  |
|    | Cold Formability [Covered by elongation]   | Table 10   |
|    | EN 10088-4:2009  |  |
|    | Regulated substance  | No performance determined  |

10. The performance of the product is in accordance with the specification given above.  
This Declaration of Performance is issued under the sole responsibility of Columbus Stainless (Pty) Ltd.

Signed for and on behalf of the manufacturer by:

DJ Kruger: Business Unit Manager Technical  
Signed at Middelburg, South Africa on the 6<sup>th</sup> day of March 2024