



**DECLARATION OF PERFORMANCE AND  
CONFORMITY:  
EN 10088-4:2009**

Document no.:  
TEC-DOP-4436P

Revision 7

**For the construction products: Hot Rolled Plate of Corrosion Resisting Steel**

|    |   |  |   |
|----|---|--|---|
| 1. | Identification code of the product-type   | 1.4436 – EN 10088-4:2009   |   |
| 2. | Type  | 1.4436 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 EU   | Acerinox Europa S.A.U. C/ Santiago de<br>Compostela nº 100. 28035 Madrid, Spain  |   |
| 6. | Assessment system and verification for<br>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<br>continuous surveillance according to the<br>system:<br>and issued the certificate:<br>as a confirmation of conformity for the factory<br>production control | TÜV Rheinland Polska Sp. z o.o.<br><br>2+<br>2627-CPR-B.ZA0001.TÜVRh.22.00       |   |
| 8. | Construction product with European Technical Assessment: No   |  |   |
| 9. | Declared Performance:   |  |   |
|    | <b>Essential Characteristics</b>  | <b>Performance</b>   | <b>Harmonised Technical Specification</b> |
|    | Tolerances on Dimensions<br>and Shape   | Tables 1, 2, 3, 4 & 5<br>Paragraph 7   | EN 10029:2010                             |
|    | Mechanical Properties -<br>Transverse:<br>• Tensile strength<br>• 0.2% Proof strength<br>Elongation<br>• Impact strength  | 530-730MPa<br>≥220MPa<br>≥40%<br>≥60J  | EN 10088-4:2009                           |
|    | Weldability [Covered by<br>chemical composition]  | Table 3  | EN 10088-4:2009                           |
|    | Durability [Covered by<br>chemical composition]   | Table 3  | EN 10088-4:2009                           |
|    | Fracture Toughness / Brittle<br>Strength [Covered by impact<br>strength]  | Table 10   | EN 10088-4:2009                           |
|    | Cold Formability [Covered by<br>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 17<sup>th</sup> day of March 2023