



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

Document no.:  
TEC-DOP-4509C

Revision 6

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

|    |   |  |
|----|---|--|
| 1. | Identification code of the product-type   | 1.4509 – EN 10088-4:2009   |
| 2. | Type  | 1.4509 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:   |  |

| Essential Characteristics  | Performance                                  | Harmonised Technical Specification |
|--|--|------------------------------------|
| Tolerances on Dimensions<br>and Shape  | Tables 1, 2, 3 & 4<br>Paragraphs 11, 12 & 13 | ISO 9445-2:2009                    |
| Mechanical Properties -<br>Transverse:<br><ul style="list-style-type: none"> <li>• Tensile strength</li> <li>• 0.2% Proof strength</li> <li>• Elongation</li> <li>• Impact strength</li> </ul> | 430-630MPa<br>≥250MPa<br>≥18%<br>N/A         | EN 10088-4:2009                    |
| Weldability [Covered by<br>chemical composition]   | Table 1                                      | EN 10088-4:2009                    |
| Durability [Covered by<br>chemical composition]  | Table 1                                      | EN 10088-4:2009                    |
| Fracture Toughness / Brittle<br>Strength [Covered by impact<br>strength]   | Table 7                                      | EN 10088-4:2009                    |
| Cold Formability [Covered by<br>elongation]  | Table 7                                      | 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