



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

Document no.:  
TEC-DOP-UKC4436P

Revision 0

**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 Hendrina Road, Middelburg, South Africa, 1050
5.	Authorised Representative in the UK	Acerinox U.K. Ltd., Heath Road, Darlaston West 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: has conducted the first inspection and continuous surveillance according to the system: and issued the certificate: as a confirmation of conformity for the factory production control	TUV Rheinland UK Ltd.  2+ 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	EN 10029:2010
	Mechanical Properties - Transverse: • Tensile strength • 0.2% Proof strength Elongation • Impact strength	Tables 1, 2, 3, 4 & 5 Paragraph 7  530-730MPa ≥220MPa ≥40% ≥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