

	DECLARATION OF PERFORMANCE EN 10088-4:2009	Document No.:
		UKCA-DOP-4541C
		Revision:
		0

For the construction products: Cold Rolled Strips & Sheets of corrosion Resisting Steel

1	Identification code of the product-type	1.4541 - EN 10088-4:2009
2	Type	1.4541 See marking / label / Material Certificate
3	Intended use	Building Construction or Civil Engineering
4	Manufacturer	Bahru Stainless Sdn Bhd, PTD 4069, (PLO 108), Jalan Rumbia 4, Tanjung Langsat Industrial Complex, 81700 Pasir Gudang, Johor, Malaysia
5	Authorised Representative in the GB	Acerinox U.K.LTD. Heath Road, Darlaston, West Midlands WS10 8XL, United Kingdom
6	Assessment system and verification for constancy of performance as per Annex V	EN 10088-4, Annex ZA, System 2+
7	The Approved 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 Identification no : 2571 2+ 2571-UK-CPR-A215

8	Declared Performance	
	Essential Characteristics	Performance
		Designated Technical Specification
	Tolerances on Dimensions and Shape	Tables 1,2,3 & 4 ; Paragraph 11,12 & 13 (ISO 9445-2:2009)
	Mechanical Properties:	
	• Tensile strength	520-720MPa
	• 0.2% Proof strength	≥220MPa
	• Elongation	≥40%
	• Impact strength	N/A
	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 determine

9• The performance of the products are in accordance with the specification given above.
This Declaration of Performance is issued under the sole responsibility of Bahru Stainless Sdn Bhd.

Signed for and on behalf of the manufacturer by:




Hairul Ahzim Hamzah : CPR Inspector Bahru Stainless Sdn Bhd
Signed at Pasir Gudang, Johor, Malaysia on the 5th day of May, 2023