



DECLARATION OF PERFORMANCE

EN 10088-4:2009

Document No.:

UKCA-DOP-4541H

Revision:

0

For the construction products: Hot 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 9,10 & 11 (ISO 9445-2:2009)	
Mechanical Properties: <ul style="list-style-type: none">Tensile strength0.2% Proof strengthElongationImpact strength	520-720MPa ≥200MPa ≥40% 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