



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

Document No.:

UKCA-DOP-4512H

Revision:

1

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

1	Identification code of the product-type	1.4512 - EN 10088-4:2009
2	Type	1.4512 See marking / label / Material Certificate
3	Intended use	Metal structures or in composite metal and concrete structures
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	N/A
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 9444-2:2009)	
Mechanical Properties: <ul style="list-style-type: none">• Tensile strength• 0.2% Proof strength• Elongation• Impact strength	380-560MPa ≥220MPa ≥25% N/A	EN 10088-4:2009
Weldability (Covered by chemical composition)	Table 1	EN 10088-4:2009
Durability (Covered by chemical composition)	Table 1	EN 10088-4:2009
Fracture Toughness / Brittle Strength (Covered by impact strength)	Table 7	EN 10088-4:2009
Cold Formability (Covered by elongation)	Table 7	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:

BS
BS 250040

Hairul Ahzim Hamzah : CPR Inspector Bahru Stainless Sdn Bhd

Signed at Pasir Gudang, Johor, Malaysia on the 12th day of December, 2024