



DECLARATION OF PERFORMANCE

EN 10088-4:2009

Document No.:

UKCA-DOP-4526C

Revision:

0

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

| | | |
|---|--|---|
| 1 | Identification code of the product-type | 1.4526 - EN 10088-4:2009 |
| 2 | Type | 1.4526 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: <ul style="list-style-type: none">Tensile strength0.2% Proof strengthElongationImpact strength | 480-560MPa ≥300MPa ≥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:



Hairul Ahzim Hamzah : CPR Inspector Bahru Stainless Sdn Bhd

Signed at Pasir Gudang, Johor, Malaysia on the 5th day of May, 2023