

DECLARATION OF PERFORMANCE

DoP - FERPINTA 04/16

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| Unique identification code of the product-type | TE CBBBBBBB.CC.AAAAA COLD FORMED WELDED STRUCTURAL HOLLOW SECTIONS OF NON-ALLOY AND FINE GRAIN STEELS | | |
| Product-type reference | Steel Grade | Hollow Section | Dimensions |
| | S420MH | Circular | Outside diameter (<i>D</i>) x Thickness (<i>T</i>) : (21,3x1,5 to 323,9x12,5) mm |
| | | Square | Side Dimension (<i>B</i>) x Thickness (<i>T</i>) : (20x1,5 to 260x12,5) mm |
| | Rectangular | Side Dimensions (<i>B</i> x <i>H</i>) x Thickness (<i>T</i>) : (40x20x1,5 to 300x200x12,5) mm | |
| Intended use | To be used in metal structures or in composite metal and concrete structures. | | |
| Name, registered trade name and contact address of the manufacturer | FERPINTA - Indústrias de Tubos de Aço de Fernando Pinho Teixeira, SA Carregosa - Oliveira de Azeméis 3731 - 956 VALE DE CAMBRA PORTUGAL | | |
| System of assessment and verification of constancy of performance | System 2 + | | |
| Notified body | CERTIF NB No. 1328, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the Certificate of Conformity of the factory production control No 1328-CPR-0121. | | |
| Declared performance: | | | |
| <u>Essential characteristics</u> | <u>Performance</u> | <u>Harmonised technical specification</u> | |
| - Tolerances on dimensions and shape | Conform | EN 10219-1 : 2006 | |
| - Elongation | Minimum 19 % | | |
| - Tensile strength | $510 \leq R_m \leq 680$ MPa | | |
| - Yield strength | $ReH \geq 420$ MPa | | |
| - Impact strength | Minimum 40 J (-20 °C) | | |
| - Weldability | CEV maximum : 0,43 % | | |
| - Durability | Uncoated Suitable for hot dip galvanizing | | |
| The Performance of the product identified in this document is in conformity with the Declared performance above described. This DECLARATION OF PERFORMANCE is issued under the exclusive responsibility of the manufacturer identified. | | | |

Declaration of Performance in accordance with the REGULATION (EU) No 305/2011

Carregosa, 7th January of 2016



Nuno Ribeiro Pires
(Board Member)