

DECLARATION OF PERFORMANCE

DoP - FERPINTA 02/16

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
	S275J0H	Circular	Outside diameter (<i>D</i>) x Thickness (<i>T</i>) : (21,3x1,5 to 323,9x12,5) mm
	S275J2H	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 20 %		
- Tensile strength	<i>T</i> < 3 mm : 430 ≤ <i>R_m</i> ≤ 580 MPa <i>T</i> ≥ 3 mm : 410 ≤ <i>R_m</i> ≤ 560 MPa		
- Yield strength	<i>T</i> ≤ 16 mm : <i>R_{eH}</i> ≥ 275 MPa		
- Impact strength	S275J0H : Minimum 27 J (0 °C) S275J2H : Minimum 27 J (-20 °C)		
- Weldability	CEV maximum : 0,40 %		
- 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


FERPINTA

Nuno Ribeiro Pires
(Board Member)