

## DECLARATION OF PERFORMANCE

### DoP - FERPINTA 03/16

<b>Unique identification code of the product-type</b>	TE CBBBBBBB.CC.AAAAA COLD FORMED WELDED STRUCTURAL HOLLOW SECTIONS OF NON-ALLOY AND FINE GRAIN STEELS		
<b>Product-type reference</b>	Steel Grade	Hollow Section	Dimensions
	S355J0H	Circular	Outside diameter ( <i>D</i> ) x Thickness ( <i>T</i> ) : (21,3x1,5 to 323,9x12,5) mm
	S355J2H	Square	Side Dimension ( <i>B</i> ) x Thickness ( <i>T</i> ) : (20x1,5 to 260x12,5) mm
	S355K2H	Rectangular	Side Dimensions ( <i>B</i> x <i>H</i> ) x Thickness ( <i>T</i> ) : (40x20x1,5 to 300x200x12,5) mm
<b>Intended use</b>	To be used in metal structures or in composite metal and concrete structures.		
<b>Name, registered trade name and contact address of the manufacturer</b>	FERPINTA - Indústrias de Tubos de Aço de Fernando Pinho Teixeira, SA Carregosa - Oliveira de Azeméis 3731 - 956 VALE DE CAMBRA PORTUGAL		
<b>System of assessment and verification of constancy of performance</b>	System 2 +		
<b>Notified body</b>	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.		
<b>Declared performance:</b>			
<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 : 510 ≤ <i>Rm</i> ≤ 680 MPa <i>T</i> ≥ 3 mm : 470 ≤ <i>Rm</i> ≤ 630 MPa		
- Yield strength	<i>T</i> ≤ 16 mm : <i>ReH</i> ≥ 355 MPa		
- Impact strength	S355J0H : Minimum 27 J (0 °C) S355J2H : Minimum 27 J (-20 °C) S355K2H: Minimum 40 J (-20 °C)		
- Weldability	CEV maximum : 0,45 %		
- 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, 7<sup>th</sup> January of 2016



Nuno Ribeiro Pires  
(Board Member)