



**DECLARATION OF PERFORMANCE**

**DoP - FERPINTA 01/13**

<b>Unique identification code of the product-type</b>	TE 13NNNN-LL-NN COLD FORMED WELDED STRUCTURAL HOLLOW SECTIONS OF NON-ALLOY AND FINE GRAIN STEELS		
<b>Product-type reference</b>	<b>Steel Grade</b>	<b>Hollow Section</b>	<b>Dimensions</b>
	S235JRH	Circular	Outside diameter (D) x Thickness (T) : (21,3x2,0 to 323,9x12,5) mm
		Square	Side Dimension (B) x Thickness (T) : (20x2,0 to 260x12,5) mm
	Rectangular	Side Dimensions (BxH) x Thickness (T) : (40x20x2,0 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 3730 - 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-CPD-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 : 2005	
- Elongation	Minimum 24 %		
- Tensile strength	T < 3 mm : 360 ≤ Rm ≤ 510 MPa T ≥ 3 mm : 360 ≤ Rm ≤ 510 MPa		
- Yield strength	T ≤ 16 mm : ReH ≥ 235 MPa		
- Impact strength	Minimum 27 J (20 °C)		
- Weldability	CEV maximum : 0,35 %		
- 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, 17<sup>th</sup> June of 2013

Nuno Ribeiro Pires  
Administrator



**DECLARATION OF PERFORMANCE**

**DoP - FERPINTA 02/13**

<b>Unique identification code of the product-type</b>	TE 13NNNN-LL-NN COLD FORMED WELDED STRUCTURAL HOLLOW SECTIONS OF NON-ALLOY AND FINE GRAIN STEELS		
<b>Product-type reference</b>	<b>Steel Grade</b>	<b>Hollow Section</b>	<b>Dimensions</b>
	S275J0H	Circular	Outside diameter (D) x Thickness (T) : (21,3x2,0 to 323,9x12,5) mm
		Square	Side Dimension (B) x Thickness (T) : (20x2,0 to 260x12,5) mm
	Rectangular	Side Dimensions (BxH) x Thickness (T) : (40x20x2,0 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 3730 - 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-CPD-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 : 2005	
- Elongation	Minimum 20 %		
- Tensile strength	T < 3 mm : 430 ≤ Rm ≤ 580 MPa T ≥ 3 mm : 410 ≤ Rm ≤ 560 MPa		
- Yield strength	T ≤ 16 mm : ReH ≥ 275 MPa		
- Impact strength	Minimum 27 J (0 °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, 17<sup>th</sup> June of 2013

*Nuno Ribeiro Pires*

Nuno Ribeiro Pires  
Administrator



**DECLARATION OF PERFORMANCE**

**DoP - FERPINTA 03/13**

<b>Unique identification code of the product-type</b>	TE 13NNNN-LL-NN COLD FORMED WELDED STRUCTURAL HOLLOW SECTIONS OF NON-ALLOY AND FINE GRAIN STEELS		
<b>Product-type reference</b>	<b>Steel Grade</b>	<b>Hollow Section</b>	<b>Dimensions</b>
	S355J2H	Circular	Outside diameter ( <i>D</i> ) x Thickness ( <i>T</i> ) : (21,3x2,0 to 323,9x12,5) mm
		Square	Side Dimension ( <i>B</i> ) x Thickness ( <i>T</i> ) : (20x2,0 to 260x12,5) mm
	Rectangular	Side Dimensions ( <i>B</i> x <i>H</i> ) x Thickness ( <i>T</i> ) : (40x20x2,0 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 3730 - 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-CPD-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 : 2005	
- 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	Minimum 27 J (-20 °C)		
- Weldability	CEV maximum : 0,45 %		
- Durability	Uncoated Suitable for hot dip galvanizing		
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Declaration of Performance in accordance with the REGULATION (EU) No 305/2011

Carregosa, 17<sup>th</sup> June of 2013

Nuno Ribeiro Pires  
Administrator



CERTIFICADO N. 92/CEP.023



Tubos de Aço Soldados