



**DECLARATION OF PERFORMANCE N° 0002**

**In compliance with Regulation 305/11 of the European Parliament and of the Council of 9<sup>st</sup> march 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/CE and Regulation 574/14 amending Annex III the above mentioned Regulation**

<b>Unique identification code of the product</b>	<b>Steel grade 1.4301 manufactured in accordance with UNI EN 10088-4 in hot rolled plates, coils or sheets or cold rolled coils or sheets</b>
<b>Intended uses</b>	<b>to be used as construction product</b>
<b>Manufacturer</b>	<b>Acciai Speciali Terni V.le Brin 218 - 05100 Terni Italia</b>
<b>System of AVCP</b>	<b>2+</b>
<b>Notified body</b>	<b>Notified body n°2592, Qoncert Stradone Farnese, 39G - 29121 Piacenza (Italia)</b>
<b>Harmonised standard</b>	<b>UNI EN 10088-4</b>



Essential characteristic	Declared performances for 1.4301 steel grade				Harmonised technical specification	
	Performance					
Tolerance on dimensions and thickness	according to the order					
Yield strenght (0.2%)	plates	≥210	(transv.)	MPa	EN 10088/4	
	hot rolled coils					
Yield strenght (1%)	cold rolled coils	≥230	(transv.)	MPa		
	plates					
Yield strenght (1%)	hot rolled coils	≥250	(transv.)	MPa	EN 10088/4	
	cold rolled coils					
Tensile strenght	plates	≥520 and ≤720		MPa		EN 10088/4
	hot rolled coils					
Tensile strenght	cold rolled coils	≥540 and ≤750		MPa		
	plates					
Impact energy (J)	plates	thick.≤50mm		100 (long)	EN 10088/4	
	hot rolled coils			thick.≤6.5mm		NPD
	cold rolled coils	thick.≤5.0mm	NPD			
Elongation	plates	≥45	(long ÷ transv)	%		EN 10088/4
	hot rolled coils	≥45	(long ÷ transv)	%		
	cold rolled coils	≥45	(long ÷ transv)	%		
Resistence to intergranular corrosion	in the delivery condition			yes	EN 10088/4	
	in the sensitized condition			no		
Durability (chemical composition%)	C ≤ 0.070	Si ≤ 1.00	Mn ≤ 2.00	P ≤ 0.045	EN 10088/4	
	S ≤ 0.015	N ≤ 0.10	17.5 ≤ Cr ≤ 19,5	8.0 ≤ Ni ≤ 10.5		

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) N°305/2011, under the sole responsibility of the manufacturer identified above.

**Signed for and on behalf on the manufacturer by:**

**Paolo Zanella**  
Quality Assurance Responsible

**Terni on 07/12/2018**