



**DECLARATION OF PERFORMANCE N° 0005**

**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 1.4306 manufactured in accordance with UNI EN 10088-4 in hot rolled coils or plates 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>



# Acciai Speciali Terni S.p.A. con Unico Socio

		Declared performances for 1.4306 steel grade			
Essential characteristic	Performance				Harmonised technical specification
Tolerance on dimensions and thickness		according to the order			
Yield strenght (0.2%)	plates	≥200	(transv.)	MPa	EN 10088/4
	hot rolled coils				
	cold rolled coils	≥220	(transv.)	MPa	
Yield strenght (1%)	plates	≥240	(transv.)	MPa	EN 10088/4
	hot rolled coils				
	cold rolled coils	≥250	(transv.)	MPa	
Tensile strenght	plates	≥500 and ≤700		MPa	EN 10088/4
	hot rolled coils	≥520 and ≤700		MPa	
	cold rolled coils				
Impact energy (J)	plates	thick.≤50mm	100 (long)		EN 10088/4
			60 (tr)		
	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.)	%	
Resistance to intergranular corrosion	in the delivery condition			yes	EN 10088/4
	in the sensitized condition			yes	
Durability (chemical composition%)	C ≤ 0.030	Si ≤ 1.00	Mn ≤ 2.00	P ≤ 0.045	EN 10088/4
	S ≤ 0.015	N ≤ 0.10	18.0 ≤ Cr ≤ 20.0	10.0 ≤ Ni ≤ 12.0	

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**