



## DECLARATION OF PERFORMANCE N° 0014

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 1.4510 manufactured in accordance with UNI EN 10088-4 in hot rolled 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>



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

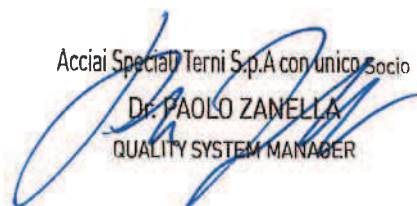
Declared performances for 1.4510 steel grade					
Essential characteristic	Performance				Harmonised technical specification
Tolerance on dimensions and thickness	according to the order				
Yield strenght (0.2%)	hot rolled coils	≥230	long.	MPa	EN 10088/4
		≥240	transv.	MPa	
	cold rolled coils	≥230	long.	MPa	
		≥240	transv.	MPa	
Tensile strenght	hot rolled coils	≥420 and ≤600		MPa	EN 10088/4
	cold rolled coils				
Elongation	hot rolled coils	≥23	(long ÷ transv)	%	EN 10088/4
	cold rolled coils	≥23	(long ÷ transv)	%	
Resistance to intergranular corrosion	in the delivery condition			yes	EN 10088/4
	in the sensitized condition			yes	
Durability (chemical composition%)	C ≤ 0.050	Si ≤ 1.00	Mn ≤ 1.00	Ti: 4*(C+N) + 0.15 ≤ 0.80	EN 10088/4
	S ≤ 0.015	16.0 ≤ Cr ≤ 18.0	P ≤ 0.040		
NB The stabilization may be by use of Ti or Nb or Zr. The equivalence shall be the following: Nb (% by mass) = Zr (% by mass) = 7/4 Ti (% by mass)					

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

Acciai Speciali Terni S.p.A con unico Socio  
  
 Dr. PAOLO ZANELLA  
 QUALITY SYSTEM MANAGER