



**DECLARATION OF PERFORMANCE N° 0013**

**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 1.4509 manufactured in accordance with UNI EN 10088-4 in 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>



Declared performances for 1.4509 steel grade					
Essential characteristic	Performance				Harmonised technical specification
Tolerance on dimensions and thickness		according to the order			
Yield strenght (0.2%)	cold rolled coils	≥230	long.	MPa	EN 10088/4
		≥250	transv.	MPa	
Tensile strenght	cold rolled coils	≥430 and ≤630		MPa	EN 10088/4
Elongation	cold rolled coils	≥18	(long ÷ transv)	%	EN 10088/4
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 ≤ 1.00	0.10 ≤ Ti ≤ 0.60	EN 10088/4
	S ≤ 0.015	P ≤ 0.040	17.5 ≤ Cr ≤ 18.5	Nb ≥ (3*C+0.30) ≤ 1.00	

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