



## DECLARATION OF PERFORMANCE N° 0016

**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 in compliance with Regulation 574/14 amending Annex III of the above mentioned Regulation**

<b>Unique identification code of the product</b>	<b>Steel grade 1.4513 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 1.4513 steel grade			
Essential characteristic	Performance				Harmonised technical specification
Tolerance on dimensions and thickness		according to the order			
Yield strenght (0.2%)	cold rolled coils	≥200	long.	MPa	EN 10088/4
		≥220	transv.	MPa	
Tensile strenght	cold rolled coils	≥400 and ≤550		MPa	EN 10088/4
Elongation	cold rolled coils	≥23	(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 ≤ 0.025	N ≤ 0.020	16.0 ≤ Cr ≤ 18.0		EN 10088/4
	Si ≤ 1.00	S ≤ 0.015	0.80 ≤ Mo ≤ 1.40		
	Mn ≤ 1.00	P ≤ 0.040	0.30 ≤ Ti ≤ 0.60		

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