



DECLARATION OF PERFORMANCE N° 0012

In compliance with Regulation 305/11 of the European Parliament and of the Council of 9st 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

Unique identification code of the product	Steel grade 1.4462 manufactured in accordance with UNI EN 10088-4 in hot rolled coils or sheets or cold rolled coils or sheets
Intended uses	to be used as construction product
Manufacturer	Acciai Speciali Terni V.le Brin 218 - 05100 Terni Italia
System of AVCP	2+
Notified body	Notified body n°2592, Qoncert Stradone Farnese, 39G - 29121 Piacenza (Italia)
Harmonised standard	UNI EN 10088-4



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

		Declared performances for 1.4462 steel grade				
Essential characteristic	Performance				Harmonised technical specification	
Tolerance on dimensions and thickness		according to the order				
Yield strenght (0.2%)	hot rolled coils	≥460	(trasv)	MPa	EN 10088/4	
	cold rolled coils	≥500	(trasv)	MPa		
Tensile strenght	hot rolled coils	≥700 and ≤950		MPa	EN 10088/4	
	cold rolled coils					
Impact energy (J)	hot rolled coils	thick.≤6.5mm		NPD	EN 10088/4	
	cold rolled coils	thick.≤5.0mm		NPD		
Elongation	hot rolled coils	≥25	(long ÷ trasv)	%	EN 10088/4	
	cold rolled coils	≥20	(long ÷ trasv)	%		
Resistence to intergranular corrosion	in the delivery condition				yes	EN 10088/4
	in the sensitized condition				yes	
Durability (chemical composition%)	C ≤ 0.03	Mn ≤ 2.00	S ≤ 0.015	21 ≤ Cr ≤ 23	4.5 ≤ Ni ≤ 6.5	EN 10088/4
	Si ≤ 1.00	P ≤ 0.035	0.10 ≤ N ≤ 0.22	2.5 ≤ Mo ≤ 3.5		

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

Acciai Speciali Terni S.p.A. con unico socio

Dr. PAOLO ZANELLA
QUALITY SYSTEM MANAGER