



DECLARATION OF PERFORMANCE N° 0007

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

Unique identification code of the product	Steel grade 1.4318 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



		Declared performances for 1.4318 steel grade			
Essential characteristic	Performance				Harmonised technical specification
Tolerance on dimensions and thickness		according to the order			
Yield strenght (0.2%)	hot rolled coils	≥330	(transv.)	MPa	EN 10088/4
	cold rolled coils	≥350	(transv.)	MPa	
Yield strenght (1%)	hot rolled coils	≥370	(transv.)	MPa	EN 10088/4
	cold rolled coils	≥380	(transv.)	MPa	
Tensile strenght	hot rolled coils	≥650 and ≤850		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			
Elongation	hot rolled coils	thick.<3mm ≥35 thick.≥3mm ≥40		% (long ÷ transv)	EN 10088/4
	cold rolled coils				
Resistence 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	0.10 ≤ N ≤ 0.20	16.5 ≤ Cr ≤ 18,5	6.0 ≤ Ni ≤ 8.0	

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

Acciai Speciali Terni S.p.A con unico Socio

 Dr. PAOLO ZANELLA
 QUALITY SYSTEM MANAGER