



## DECLARATION OF PERFORMANCE N° 0107

**In compliance with Regulation 305/11 of the European Parliament and of the Council of 9 st 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 S235JR (1.0038) manufactured in accordance with UNI EN 10025-1 in hot rolled coils</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 10025-1</b>



	Declared performances for S235JR (1.0038) steel grade			
Essential characteristic	Performance			Harmonised technical specification
Tolerance on dimensions and thickness	according to the order			
Yield strenght	≥235		MPa (transverse)	EN 10025/1
Tensile strenght	≥360 and ≤510		MPa (transverse)	EN 10025/1
Yield strenght (0.2%)	1.5mm<th. ≤2mm	≥ 17	% (transverse)	EN 10025/1
	2mm<th. ≤2.5mm	≥ 18		
	2.5mm<th. <3mm	≥ 19		
	thick. ≥ 3mm	≥ 24		
Impact energy	Temperature 20°C	≥ 27	J	EN 10025/1
Durability (chemical composition%)	C ≤ 0.17	S ≤ 0.035	P ≤ 0.035	EN 10025/1
	Cu ≤ 0.55	Mn ≤ 1.40	N ≤ 0.012	
Equivalent Carbon (CEV)	≤ 0.35			EN 10025/1

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.

**Paolo Zanella**  
Quality Assurance Responsible

**Terni on 21/01/2019**

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

  
Dr. PAOLO ZANELLA  
QUALITY SYSTEM MANAGER