

Declaration of Performance - No: 232-2019-65

according to Annex III Construction Products Regulation (305/2011/EU)

and Regulation (EU) No 574/2014

for the construction product	<i>Rolled plates</i>
1. Unique identification code of the product type:	<i>S420NL+Z35 - DIN EN 10025-3:2005</i>
2. Intended use:	<i>Rolled plates for use in the construction products</i>
3. Manufacturer:	<i>PRIVATE JOINT STOCK COMPANY «AZOVSTAL IRON & STEEL WORKS» 1, Leporskogo Str., Mariupol, Donetsk region, Ukraine, 87500 Fax: +38 (0629) 52-70-00, E-mail: azovstal@metinvestholding.com, http://azovstal.metinvestholding.com</i>
4. Authorised representative:	<i>No</i>
5. System of AVCP:	<i>System 2+</i>
6. Harmonised standard:	<i>EN 10025-1:2005</i>
Notified body:	<i>TÜV NORD Systems GmbH & Co. KG Germany-22525 Hamburg, Kenn.Nr. 0045</i>

7. Declared performance:

Essential characteristics	Performance										Harmonized technical specification
	Dimensions and shape	Chemical composition	Carbon equivalent, %	Thickness, mm	Minimum yield strength, Mpa	Tensile strength, Mpa	Minimum elongation, % (Lo=5.65√So)	Through-thickness reduction of area (Z), min, %	Impact energy (KV) on longitudinal specimens, at temperature		
									T, °C	KV, J, min	
Maximum deviations on dimensions and shape Yield strength Tensile strength Elongation Impact energy Weldability Durability	DIN EN 10029:2011-02 Tables 1, 2, 3, 4	DIN EN 10025-3:2005 Table 2	≤0,48	>15≤16	420	520-680	19	35	-50	27	DIN EN 10025-1:2005
				>16≤40	400	520-680	19	35	-50	27	
				>40≤63	390	520-680	19	35	-50	27	
			≤0,50	>63≤80	370	520-680	18	35	-50	27	
				>80≤100	360	520-680	18	35	-50	27	
				>100≤135	340	500-650	18	35	-50	27	

The performance of the product identified above is in conformity with the set of declared performance. This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Dmitry S. Zotov, Director for Technology and Quality

Mariupol, 31.01.2019

To review the Declaration of Performance please refer to:

<https://azovstal.metinvestholding.com/en/activity/quality/declarations-of-performance>