

Declaration of Performance - No: 232-2020-103

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>S420N - EN 10025- 3:2019</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, 87505 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: Notified body:	<i>EN 10025- 1:2004 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)	Impact energy (KV) on longitudinal specimens, at temperature		
								T, °C		KV, J, min
Maximum deviations on dimensions and shape	EN 10029:2011-02 Tables 1, 2, 3, 4	EN 10025-3:2019 Table 1&2	≤0,48	>6≤16	420	520-680	19	-20	40	EN 10025-1:2004
Yield strength			>16≤40	400	520-680	19	-20	40		
Tensile strength			>40≤63	390	520-680	19	-20	40		
Elongation			≤0,50	>63≤80	370	520-680	18	-20	40	
Impact energy			>80≤100	360	520-680	18	-20	40		
Weldability			≤0,52	>100≤135	340	500-650	18	-20	40	
Durability										

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, 12.08.2020

To review the Declaration of Performance please refer to:

<http://azovstal.metinvestholding.com/en/activity/quality/certification>