

Declaration of Performance - No: 232-2016-35

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>S420ML - DIN EN 10025- 4:2005</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: Notified body:	<i>EN 10025- 1:2005 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	DIN EN 10029:2011-02 Tables 1, 2, 3, 4	DIN EN 10025-4:2005 Table 2	≤0,43	>6≤16	420	520-680	19	-50	27	DIN EN 10025-1:2005
Yield strength			≤0,45	>16≤40	400	520-680	19	-50	27	
Tensile strength			≤0,46	>40≤52	390	500-660	19	-50	27	
Elongation										
Impact energy										
Weldability										
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:
Sergey V. Sosin, Director for Technology and Quality

Mariupol, 12.05.2016



To review the Declaration of Performance please refer to:

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