

Declaration of Performance - No: 232-2016-46

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>S460ML+Z25- 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:	<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	Dimensions and shape	Performance								Harmonized technical specification	
		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 10025-2:2005 Table 2	0,45	≥20≤30	345	470-630	20	25	-20	27	DIN EN 10025-1:2005
				>30≤40	345	470-630	20	25	-20	27	
				>40≤63	335	470-630	20	25	-20	27	
			0,47	>63≤80	325	470-630	19	25	-20	27	
				>80≤100	315	470-630	18	25	-20	27	
				>100≤150	295	450-600	18	25	-20	27	
0,49	>150≤200	285	450-600	18	25	-20	27				

*) is determined for plates with thickness of 20 mm and more.

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>