

Declaration of Performance - No: 232-2016-58

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>S235JR+N+Z35 - DIN EN 10025- 2:2005</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	Mini-mum 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 10029:2 011-02 Tables 1, 2, 3, 4	DIN EN 10025-2:2005 Table 2	≤0,35	>6≤16	235	360-510	24	35	20	27	DIN EN 10025-1:2005
				>16≤40	225	360-510	24	35	20	27	
			≤0,38	>40≤63	215	360-510	23	35	20	27	
				>63≤80	215	360-510	22	35	20	27	
				>80≤100	215	360-510	22	35	20	27	
				>100≤150	195	350-500	22	35	20	27	
			≤0,40	>150≤200	185	340-490	21	35	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, 20.10.2016



To review the Declaration of Performance please refer to
<http://azovstal.metinvestholding.com/en/activity/quality/certification>