

DECLARATION OF PERFORMANCE

No. 0001/14

REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

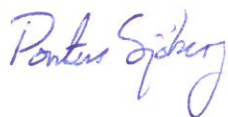
1. *Unique identification code of the product - type:***Flat hot rolled steel product - grade S235JR_1.0038 according to EN 10025-2:2004**2. *Intended use:***Steel construction or in composite metal and concrete structures**3. *Manufacturer:***VÍTKOVICE STEEL, a.s.**Address: **Československá 3321/46, Moravská Ostrava, PSČ: 702 00 Ostrava, ČR**Phone.: **+420 595 696 077**Fax: **+420 595 696 070**E-mail: **sekretariat@vitkovicesteel.com**5. *System of AVCP:***System 2+**6. *Harmonised standard:***EN 10025-2:2004: E, November 2004***Notified body:***TÜV NORD Systems GmbH & Co. KG, NB No. 0045**

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Moravská Ostrava, **July 1st, 2014**Name: **Pontus Sjöberg**Name: **Otakar Blahož**Position: **Managing Director**Position: **Quality Manager**

Signature:



Signature:

7. *Declared performance:*

Essential characteristic		Technical parameters			Harmonised techn. Specification
Tolerances on dimensions and shape					EN 10029:2010
Tensile test	Nominal thickness (mm)		Values		
	>	≤	Yield strength min (MPa)	Tensile strength (MPa)	Elongation min (%)
	5	16	235	360 - 510	24
	16	40	225	360 - 510	24
	40	63	215	360 - 510	23
	63	80	215	360 - 510	22
	80	100	215	360 - 510	22
	100	150	195	350 - 500	22
	150	200	185	340 - 490	21
200	250	175	340 - 490	21	
Impact test KV L	Nominal thickness (mm)		Values		
	>	≤	min (J)		
	6	250	27 at 20°C		
Carbon equivalent	Nominal thickness (mm)		Values		
	>	≤	max (CEV, %)		
		40	0,35		
	40	150	0,38		
	150	250	0,40		
Chemical composition	Nominal thickness (mm)		Values		
	>	≤	min (%)		max (%)
		40	C		0,17
			Si		-
			Mn		1,40
			P		0,035
			S		0,035
			N		0,012
			Cu		0,55
	40	250	C		0,20
			Si		-
			Mn		1,40
			P		0,035
			S		0,035
			N		0,012
		Cu		0,55	

EN 10025-2:2004