

DECLARATION OF PERFORMANCE

No. 0003/14

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 S235J2_1.0117 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: **Českoobrátská 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	0,40			
Chemical composition	Nominal thickness (mm)		Values		
	>	≤		min (%)	max. (%)
		250	C		0,17
			Si		-
			Mn		1,40
			P		0,025
			S		0,025
			N		-
		Cu		0,55	

EN 10025-2:2004