

**DECLARATION OF PERFORMANCE**

No. 0007/14

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

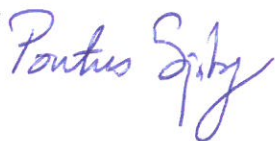
1. *Unique identification code of the product - type:***Flat hot rolled steel product - grade S355JR\_1.0045 according to EN 10025-2:2004**2. *Intended use:***Steel construction or in composite metal and concrete structures**3. *Manufacturer:***VÍTKOVICE STEEL, a.s.**Address: **Českokobratrská 3321/46, 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	355	470 - 630	20
	16	40	345	470 - 630	20
	40	63	335	470 - 630	19
	63	80	325	470 - 630	18
	80	100	315	470 - 630	18
	100	150	295	450 - 600	18
Impact test KV L	Nominal thickness (mm)		Values		
	>	≤	min (J)		
	6	250	27 at 20°C		
Carbon equivalent	Nominal thickness (mm)		Values		
	>	≤	max. (CEV, %)		
		30	0,45		
	30	150	0,47		
	150	0,49			
Chemical composition	Nominal thickness (mm)		Values		
	>	≤		min (%)	max. (%)
		250	C		0,24
			Si		0,55
			Mn		1,60
			P		0,035
			S		0,035
			N		0,012
		Cu		0,55	

EN 10025-2:2004