

# HBIS GROUP Serbia Iron & Steel d.o.o. Belgrade

1) Unique identification code of the product type:

DoP No : 27503      revision: 1

Hot Rolled Steel S275J2-EN 10025-2/2019

2) Intended use or uses of the construction product:

To be used for metal structures

3) Contact address of manufacturer :

HBIS GROUP Serbia Iron & Steel d.o.o. Belgrade

Bulevar Mihajla Pupina 6, Beograd-Novigrad

11000 Beograd

Republic of Serbia

+381 26 692 099

[www.hbiss Serbia.rs](http://www.hbiss Serbia.rs)

4) Authorised representative:

Not applicable

5) System/s of AVCP:

2+

6) Harmonised standard:

EN 10025-1:2004

Notified body No:

0045

TÜV NORD Systems GmbH & Co.KG

D-22525 Hamburg, Kenn.Nr. 0045

7) Declared performance:

DoP No : 27503

Essential characteristic		Performance		Harmonised technical specification
<b>Tolerances on dimensions and shape</b>		EN 10051/2010		EN 10025-2/2019
<b>Yield Strength, MPa</b>	<b>Nom. Thickness, mm</b>	<b>min.</b>	<b>max.</b>	
$R_{eH} (R_{p0.2})$	≤ 15.0	275		EN 10025-2/2019
<b>Tensile Strength, MPa</b>				
$R_m$	< 3.0	430	580	EN 10025-2/2019
$R_m$	≥ 3.0 ≤ 15.00	410	560	EN 10025-2/2019
<b>Elongation, %</b>				
$A_{80}$	≤ 1.5	14		EN 10025-2/2019
$A_{80}$	> 1.5 ≤ 2.0	15		EN 10025-2/2019
$A_{80}$	> 2.0 ≤ 2.5	16		EN 10025-2/2019
$A_{80}$	> 2.5 < 3.0	17		EN 10025-2/2019
$A_{5.65\sqrt{S_0}}$	≥ 3.0 ≤ 15.0	21		EN 10025-2/2019
<b>Tensile test specimen</b>		Transversal		EN 10025-2/2019
<b>Absorbed energy, J</b>	≥ 6.0 ≤ 15.0	27		EN 10025-2/2019
<b>Temperature</b>		-20		EN 10025-2/2019
<b>Impact test specimen</b>		Longitudinal		EN 10025-2/2019
<b>Weldability</b>				
<b>CEV, wt. %</b>	≤ 15.0		0,4	EN 10025-2/2019

for Si ≤ 0,04 %, increase CEV by 0,02 %; for Si ≤ 0,25 %, increase CEV by 0,01 %.

**Durability, wt. %**

<b>Chem. Compos., wt. %</b>	≤ 15.0	<b>min.</b>	<b>max.</b>	
<b>C</b>		0,00	0,18	EN 10025-2/2019
<b>Mn</b>		0,00	1,50	EN 10025-2/2019
<b>Si</b>				EN 10025-2/2019
<b>P</b>		0,000	0,025	EN 10025-2/2019
<b>S</b>		0,000	0,025	EN 10025-2/2019
<b>Al</b>		0,020		EN 10025-2/2019
<b>N</b>				EN 10025-2/2019
<b>Cu</b>		0,00	0,55	EN 10025-2/2019
<b>Ni</b>		0,00	0,42	EN 10025-2/2019
<b>Cr</b>		0,00	0,29	EN 10025-2/2019
<b>Mo</b>		0,00	0,11	EN 10025-2/2019

For elements not defined in tables for the chemical composition for heat analysis, limit values of Table 1 of EN 10020:2000 shall apply as maximum values  
Suitability for hot-deep zinc-coating: Category A: Si<=0,03% and Si+2,5P<=0,090%; Category B: 0,14%=<Si<=0,25%; Category D: 0,25%<Si<=0,35%.

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:

Štovic Željko, General Manager of Quality Assurance


<https://hbisserbia.rs/declaration-of-performance-dop/>

At: Smederevo

On: 01-apr-20