



### DECLARATION OF PERFORMANCE No. DP 003

according to Annex III Construction Products Regulation (305/2011/ EU)  
and Regulation (EU) No. 574/2014

For the construction product	<b>Hot finished structural hollow sections of non-alloy and fine grain steels</b>
1. Unique identification code of the product-type:	S355NH - EN 10210-1:2006 S355NLH - EN 10210-1:2006 S355J0H - EN 10210-1:2006 S355J2H - EN 10210-1:2006 S355K2H - EN 10210-1:2006
2. Intended use for construction product:	<b>Hollow section for steel construction</b>
3. Contact address of the manufacturer:	<b>Železiarne Podbrezová a.s. Kolkáreň 35 976 81 Podbrezová Slovak Republic</b>
4. Contact address of the authorised representative	<b>Not relevant</b>
5. Assessment systems and verification for constancy of performance	<b>System 2+</b>
6. Harmonized specification :	<b>EN 10210-1, Annex ZA</b>
Notified body :	<b>TUV NORD Systems GmbH &amp; Co. KG D-22525 Hamburg; Kenn. Nr. 0045</b>

#### 7. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	<b>Tolerances acc. to EN 10210-2:2006, Table 2</b>	<b>EN 10 210-2:2006</b>
Mechanical properties: Tensile strength $R_m$ (MPa)  Yield point $R_{eH}$ (MPa) Elongation A (%) Notched bar Impact work	<p><u>S355NH/S355NLH</u> <u>S355J0H/S355J2H/S355K2H</u>  <b>470 – 630</b> <b>(510-680)<sub>ts3</sub></b>  <b>(470-630)<sub>3&lt;ts100</sub></b></p> <p><b>355</b> <b>355</b>  <b>22</b> <b>22</b></p> <p>S355NH - 40 J<sub>Temperature -20 °C</sub>  S355NLH - 27 J<sub>Temperature -50 °C</sub>  <u>S355J0H - 27 J<sub>Temperature 0 °C</sub></u>  <u>S355J2H - 27 J<sub>Temperature -20 °C</sub></u>  <u>S355K2H - 40 J<sub>Temperature -20 °C</sub></u></p>	<p><b>S355NH/S355NLH</b>  <b>EN 10210-1:2006, tab.B3</b></p> <p><b><u>S355J0H/S355J2H/S355K2H</u></b>  <b><u>EN 10210-1:2006, tab. A.3</u></b></p>
Weldability (CEV) (%)	<p><b>S355NH/S355NLH max. 0.43</b></p> <p><b><u>S355J0H/S355J2H/S355K2H max. 0.45</u></b></p>	<p><b>S355NH/S355NLH</b>  <b>EN 10210-1:2006, tab.B2</b></p> <p><b><u>S355J0H/S355J2H/S355K2H</u></b>  <b><u>EN 10210-1:2006, tab. A.2</u></b></p>

The performance of the product acc. to the declared performance.

This Declaration of Performance is issued under the sole responsibility of the manufacturer acc. to EU Regulation No. 305/2011 .

Signed for and on behalf of the manufacturer by:



Ing. Jozef Turis  
Head of Quality Department

Podbrezová : 27. 05. 2015

**DECLARATION OF PERFORMANCE No. DP 002**

according to Annex III Construction Products Regulation (305/2011/ EU)  
and Regulation (EU) No. 574/2014

For the construction product	<b>Hot finished structural hollow sections of non-alloy and fine grain steels</b>
1. Unique identification code of the product-type:	<b>S275J0H - EN 10210-1:2006</b> <b>S275J2H - EN 10210-1:2006</b> <del>S275NH - EN 10210-1:2006</del> <b>S275NLH - EN 10210-1:2006</b>
2. Intended use for construction product:	<b>Hollow section for steel construction</b>
3. Contact address of the manufacturer:	<b>Železiarne Podbrezová a.s.</b> <b>Kolkáreň 35</b> <b>976 81 Podbrezová</b> <b>Slovak Republic</b>
4. Contact address of the authorised representative	<b>Not relevant</b>
5. Assessment systems and verification for constancy of performance	<b>System 2+</b>
6. Harmonized specification :	<b>EN 10210-1:2006, Annex ZA</b>
Notified body :	<b>TUV NORD Systems GmbH &amp; Co. KG</b> <b>D-22525 Hamburg; Kenn. Nr. 0045</b>

**7. Declared performance:**

Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	<b>Tolerances acc. to EN 10210-2:2006, Table 2</b>	<b>EN 10 210-2:2006</b>
Mechanical properties: Tensile strength $R_m$ (MPa) Yield point $R_{eH}$ (MPa) Elongation A (%) Notched bar impact work	<b>S275J0H/S275J2H</b> $(430-580)_{\leq 3}$ <b>370 - 510</b> $(410-560)_{3 < \leq 100}$ <b>275</b> <b>275</b> <b>26</b> <b>26</b> <b>S275J0H - 27 J Temperature -0 °C</b> <b>S275J2H - 27 J Temperature -20 °C</b> <b>S275NH - 40 J Temperature -20 °C</b> <b>S275NLH - 27 J Temperature -80 °C</b>	<b>S275J0H/S275J2H</b> <b>EN10210-1:2006, tab. A.3</b>  <b>S275NH / S275NLH</b> <b>EN 10210-1:2006, tab. B.3</b>
Weldability (CEV) (%)	<b>S275J0H/S275J2H max. 0.41</b>  <b>S275NH/S275NLH max. 0.40</b>	<b>S275J0H/S275J2H</b> <b>EN10210-1:2006, tab.A2</b> <b>S275NH / S275NLH</b> <b>EN 10210-1:2006, tab. B.2</b>

The performance of the product acc. to the declared performance.  
This Declaration of Performance is issued under the sole responsibility of the manufacturer acc. to EU Regulation No. 305/2011 .

Signed for and on behalf of the manufacturer by:



Ing. Jozef Turis  
Head of Quality Department

Podbrezová : 27. 05. 2015

### DECLARATION OF PERFORMANCE No. DP 001

according to Annex III Construction Products Regulation (305/2011/ EU)  
and Regulation (EU) No. 574/2014

For the construction product	<b>Hot finished structural hollow sections of non-alloy and fine grain steels</b>
1. Unique Identification code of the product-type:	<b>S235JRH - EN 10210-1:2006</b>
2. Intended use for construction product:	<b>Hollow section for steel construction</b>
3. Contact address of the manufacturer:	<b>Železiarne Podbrezová a.s. Kolkáreň 35 976 81 Podbrezová Slovak Republic</b>
4. Contact address of the authorised representative	<b>Not relevant</b>
5. Assessment systems and verification for constancy of performance	<b>System 2+</b>
6. Harmonized specification :	<b>EN 10210-1:2006, Annex ZA</b>
Notified body :	<b>TUV NORD Systems GmbH &amp; Co. KG D-22525 Hamburg; Kenn. Nr. 0045</b>

**7. Declared performance:**

Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	<b>Tolerances acc. To EN 10210-2:2006, Table 2</b>	<b>EN 10 210-2:2006</b>
Mechanical properties: Tensile strength $R_m$ (MPa) Yield point $R_{eH}$ (MPa) Elongation A (%) Notched bar impact work	<b>360 -510 235 26 27 <small>temperature +20 °C</small></b>	<b>EN 10 210-1:2006, Table A.3</b>
Weldability (CEV) (%)	<b>max. 0.37</b>	<b>EN 10 210-1:2006, Table A.2</b>

The performance of the product acc. to the declared performance.  
This Declaration of Performance is issued under the sole responsibility of the manufacturer acc. to EU Regulation No. 305/2011 .

Signed for and on behalf of the manufacturer by:



Ing. Jozef Turis  
Head of Quality Department

Podbrezová : 27. 05. 2015