


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

7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to EN 10210-2:2006, Table 2	EN 10 210-2:2006
Mechanical properties: Tensile strength R_m (MPa)	S355NH/S355NLH <u>470 - 630</u> S355J0H/S355J2H/S355K2H <u>(510-680)_{1.53}</u> <u>(470-630)_{3-cl<100}</u>	S355NH/S355NLH EN 10210-1:2006, tab.B3
Yield point R_{eH} (MPa)	355 <u>355</u>	
Elongation A (%)	22 <u>22</u>	
Notched bar Impact work	S355NH - 40 J _{Temperature -20 °C} S355NLH - 27 J _{Temperature -50 °C} S355J0H - 27 J _{Temperature 0 °C} S355J2H - 27 J _{Temperature -20 °C} S355K2H - 40 J _{Temperature -20 °C}	S355J0H/S355J2H/S355K2H EN 10210-1:2006, tab. A.3
Weldability (CEV) (%)	S355NH/S355NLH max. 0.43 S355J0H/S355J2H/S355K2H max. 0.45	S355NH/S355NLH EN 10210-1:2006, tab.B2 S355J0H/S355J2H/S355K2H EN 10210-1:2006, tab. A.2

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:


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Ing. Jozef Turis
Head of Quality Department

Podbrezová : 27. 05. 2015