

## Declaration of Performance

No. SDP\_01\_2014/v.04

according to Annex III of Regulation (EU) No. 305/2011 of the European Parliament and of the Council

Unique identification code of the product-type: **SDP-SSC-S235JRH**

Cold formed welded structural hollow sections of structural steel S235JRH (1.0039) according to ČSN EN 10219-1:2006

- Hollow sections of rectangular shape from 40 x 20 mm to 100 x 60 mm
  - Hollow sections of square shape from 20 x 20 mm to 80 x 80 mm
  - Hollow sections of circular shape in the range 32 to 102 mm
- All shapes in thicknesses 1,5 to 4,0 mm

Intended use: To be used in metal structures or in composite metal and concrete structures

Production plant: Feron, a.s., SSC  
Plzeňská 18, 709 65 Ostrava, Czech Republic  
IČ: 26440181

Authorized representative: not applicable

System of assessment and verification of constancy of performance of the construction product: **2+**

Harmonised standard: EN 10219-1:2006

Notified body: No. 1020 Technický a zkušební ústav stavební Praha, s.p. (TZUS), Prosecká 811/76a,  
190 00 Praha 9 – Prosek,  
Branch Ostrava, U Studia 14, 704 00 Ostrava

Notified body Nr. 1020 TZÚS performed:

- initial inspection of the manufacturing plant and of the factory production control
  - continuous surveillance, assessment and evaluation of the factory production control
- under system 2+ and on 15th December 2017 issued certificate of conformity of the factory production control Nr. 1020 – CPR – 070046633.

Declared performances:

Essential characteristics	Performance	Notes
Tolerances on dimensions and shape	Pass	EN 10219-2:2006 (Clause 6, Table 2)
Elongation	24 % For thicknesses > 3 mm and section sizes D/T < 15 (round) and (B+H)/2T < 12,5 (square and rectangular) the minimum elongation is reduced by 2. For thicknesses ≤ 3 mm the minimum value for elongation is 17 %.	EN 10219-1:2006 (6.7.1, Table A.3)
Tensile strength	360 - 510 MPa	EN 10219-1:2006 (6.7.1, Table A.3)
Yield strength	min. 235 MPa	EN 10219-1:2006 (6.7.1, Table A.3)
Impact strength	NPD	EN 10219-1:2006 (6.7.2)
Weldability	CEV max. 0,35 %	EN 10219-1:2006 (6.6, Table A.1 i 6.8.1)
Durability	NPD	EN 10219-1:2006 (6.8.2)

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No.305/2011, under the sole responsibility of the manufacturer identified above.

Prague, January 05, 2018



Ing. František Kopřiva  
General Manager  
and Chairman of the Board of Directors