



Declaration of Performance

(according to Regulation EU No 305/2011)

Unique ID code	Forcon® TT 275J2H [Grade S275J2H / 1.0138] (with specific inspection)
Harmonised standard	EN 10219-1:2006 - Cold formed welded structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions (issued on the Official Journal of the European Union on 01/02/2007)
Intended use	To be used in metal structures or in composite metal and concrete structures. This product is supplied with a specific inspection document 3.1 (according to EN 10204) that includes the full length non-destructive testing of the weld (as required in table 2 of EN 10219-1). This product is suitable for being used as constituent product of a steel structure according to EN 1090. Table 1 of EN 1090-2:2018 requires a 3.1 inspection document for structural steel above S275.
Manufacturer	TATA STEEL NEDERLAND TUBES BV Registered in Netherlands No. 20022812 Registered office: Souvereinstraat 35, Oosterhout, 4903 RH, Netherlands Website: www.tatasteelnederland.com
System of AVCP	System of assessment and verification of constancy of performance of the product System 2+ (FPC Certificate No: 0343/CPR/RQA2007001/A)
Notified body	Notified body No. 0343 LRQA Nederland B.V. George Hintzenweg 77 3068 AX Rotterdam Netherlands

Table 1 – Essential characteristics and declared performances			
Essential characteristic	Performance		Harmonised technical specification
Yield strength	Nominal thickness (mm)	Values min (MPa)	EN 10219-1:2006
	≤ 16	275	
Tensile strength	≤ 16 ≤ 40	265	
	Nominal thickness (mm)	Values (MPa)	
Elongation	min	max	EN 10219-1:2006
	< 3	430 580	
Impact strength (longitudinal)	≥ 3 ≤ 40	410 560	
	Nominal thickness (mm)	Values min (%)	
Weldability (CEV)	long.	20	EN 10219-1:2006
	≤ 40	(18 where Table A.3 Note c applies)	
Durability	Grade	Nom. Thk. (mm)	Impact Value min. average (J) at Test Temp (°C)
	J2H	≤ 40	27J at -20°C
Tolerances on dimensions and shape	Nominal thickness (mm)	Values max (%)	EN 10219-1:2006
	≤ 40	0.40	
Tolerances on dimensions and shape	Nominal thickness (mm)	Composition (cast) (max. unless otherwise shown)	EN 10219-1:2006
	≤ 40	C: 0.20 Si: - Mn: 1.50 P: 0.030 S: 0.030 N: - FF deoxidation (a)	
Notes: (a) FF – Fully killed steel containing nitrogen binding elements			

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TATA STEEL NEDERLAND TUBES BV
Registered in Netherlands No. 20022812
Registered office: Souvereinstraat 35, Oosterhout, 4903 RH, Netherlands

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Forcon® TT 275J2H [Grade S275J2H / 1.0138]
(with specific inspection)

EN 10219-1:2006

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Performance declared for the following essential characteristics:

Yield strength: 275 MPa (≤ 16 mm)

Tensile strength: 410 – 560 MPa (≥ 3 mm)

Elongation: 20% (18% where Table A.3.c applies)

Impact strength: 27J at -20°C

Weldability (CEV): 0.40%

Durability: See Declaration of Performance

Tolerances on dimensions and shape: In accordance with EN 10219-2:2006

Dangerous Substances: No Performance Determined (NPD)

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Jacob Gerkema

Managing Director

Tata Steel Nederland Tubes B.V.

Souvereinstraat 35, Oosterhout, 4903 RH

Netherlands

Date 04/09/2025



Declaration of Performance

(according to The Construction Products (Amendment etc.) (EU Exit) Regulations SI 2020-1359)

Unique ID code	Forcon® TT 275J2H [Grade S275J2H / 1.0138] (with specific inspection)
Designated standard	EN 10219-1:2006 - Cold formed welded structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions (issued on the Official Journal of the European Union on 01/02/2007)
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System of AVCP	System of assessment and verification of constancy of performance of the product System 2+ (FPC Certificate No: 0038/CPR/RQA20070001/A)
Approved body	Approved body No. 0038 LRQA Verification Ltd. 1 Trinity Park, Bickenhill Lane Solihull, West Midlands Birmingham B37 7ES United Kingdom

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Jacob Gerkema
Managing Director
Tata Steel Nederland Tubes B.V.
Souvereinstraat 35, Oosterhout, 4903 RH
Netherlands

Date 04/09/2025

Essential characteristic	Performance		Harmonised technical specification
Yield strength	Nominal thickness (mm)	Values min (MPa)	EN 10219-1:2006
	≤ 16	275	
Tensile strength	≤ 16 – ≤ 40	265	EN 10219-1:2006
	Nominal thickness (mm)	Values (MPa)	
Elongation	≤ 3	min 430 max 580	EN 10219-1:2006
	≥ 3 – ≤ 40	410 – 560	
Impact strength (longitudinal)	Nominal thickness (mm)	Values min (%)	EN 10219-1:2006
	≤ 40	long. 20 (18 where Table A.3 Note c applies)	
Weldability (CEV)	Grade	Nom. Thk. (mm)	EN 10219-1:2006
	J2H	≤ 40	
Durability	Nominal thickness (mm)	Impact Value min. average (J) at Test Temp (°C)	EN 10219-1:2006
	≤ 40	27J at -20°C	
Tolerances on dimensions and shape	Nominal thickness (mm)	Values max (%)	EN 10219-1:2006
	≤ 40	0.40	
Durability	Nominal thickness (mm)	Composition (cast) (max. unless otherwise shown)	EN 10219-1:2006
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UK CA 0038	TATA STEEL NEDERLAND TUBES BV Registered in Netherlands No. 20022812 Registered office: Souvereinstraat 35, Oosterhout, 4903 RH, Netherlands 25 Forcon® TT 275J2H [Grade S275J2H / 1.0138] (with specific inspection)
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Performance declared for the following essential characteristics:	
Yield strength: 275 MPa (≤ 16 mm)	
Tensile strength: 410 – 560 MPa (≥ 3 mm)	
Elongation: 20% (18% where Table A.3.c applies)	
Impact strength (CEV): 0.40%	
Durability: See Declaration of Performance	
Tolerances on dimensions and shape: In accordance with EN 10219-2:2006	
Dangerous Substances: No Performance Determined (NPD)	