

### DECLARATION OF PERFORMANCE

according to Annex III of the Regulation (EU) No 305/2011 of the European Parliament and Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit.) Regulation 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020

No. LO-UK-F-ST-2/18-CPR-23-1

#### Unique identification code of the product-type:

Hot rolled strip, band and sheet of structural non-alloy steels grade S355J2C according to EN 10025-2, steel number 1.0579

**Intended use:** Metal structures or in composite metal and concrete structures.

#### Manufacturer :

LIBERTY Ostrava a.s.  
Vratimovská 689/117  
719 00 Ostrava – Kunčice  
Czech Republic  
Tel. +420 59 733 1111  
libertysteelgroup.com/cz

#### System/s of AVCP

System 2+

#### Harmonised / Designated standard:

EN 10025-1:2004

#### Notified body (EU):

Technický a zkušební ústav stavební  
Praha, s.p.  
Prosecká 811/76y, Praha 9 -Prosek  
No. 1020

#### Approved body UK:

TUV UK Limited  
AMP House  
Suites 27-29  
Firth Floor  
Dingwall Road  
Croydon  
CRO 2LX  
No. 0879

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, as it has effect in the United Kingdom, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

At Ostrava on 12.1.2023

Ing. Jan Pudich  
Director of Plant 16 – Downstream Flat



Declared performances					
Basic characteristics	Performance		Harmonised technical specification		
Dimensional tolerance	Sheets, strips, stripes		EN 10025-1:2004		
Yield point (Re)	Nominal thickness (mm)			Values (Mpa)	
	>	≤		min	
Ultimate tensile strength (Rm)	Nominal thickness (mm)			Values (Mpa)	
				min	max
		<3		510	680
	≥3	≤100		470	630
Elongation**	Nominal thickness (mm)			Values (%)	
	>	≤		min. T	min. L
	1	1.5		13	15
	1.5	2		14	16
	2	2.5		15	17
	> 2.5	<3		16	18
	≥3	≤40		20	22
Impact energy	Nominal thickness (mm)		Values (J)		
	>	≤	min		
Weldability CEV	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0.45		
Chemical composition	Nominal thickness (mm)		Values (%)		
	>	≤			
		16	C: 0.20	S: 0.025	
			Si: 0.55	Cu: 0.55	
			Mn: 1.60		
			P: 0.025		
* The maximum nitrogen content values do not apply if the total Al content is at least 0.020%, or if other adequate elements that bind N are present.					
** Elongation, T – transversal direction, L – Longitudinal direction					