

### 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-2/07-CPR-23-1

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

Hot rolled strip, band and sheet of structural non-alloy steels grade S355JR according to EN 10025-2, steel number 1.0045

**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  
libersteeelgroup.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  
CR0 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 10051		EN 10025-1:2004
Yield point (Re)	Nominal thickness (mm)		Values (Mpa)		
	>	≤	min		
		16	355		
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		
		150	27 at 20°C		
Weldability CEV	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0.45		
Chemical composition	Nominal thickness (mm)		Values (%)		
	>	≤			
		16	C: 0.24	S: 0.035	
			Si: 0.55	Cu: 0.55	
			Mn: 1.60	N*: 0.012	
			P: 0.035		
	* 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				