

**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-2/17-CPR-23-1

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

Hot rolled strip, band and sheet of structural non-alloy steels grade S355J0C according to EN 10025-2, steel number 1.0554

**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

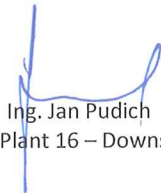
**Notified body (EU):** Technický a zkušební ústav stavební Praha, s.p.  
Prosecká 811/76y, Praha 9 -Prosek  
No. 1020

**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 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 0°C	
Weldability CEV	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0.45	
Chemical composition	Nominal thickness (mm)		Values (%)	
	>	≤		
		16	C: 0.20 S: 0.030	
			Si: 0.55 Cu: 0.55	
			Mn: 1.60 N*: 0.012	
			P: 0.030	
* 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				