

### 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-2/02-CPR-23-1

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

Hot rolled strip, band and sheet of structural non-alloy steels grade S235J0 according to EN 10025-2, steel number 1.0114

**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  
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:				
Essential characteristic	Performance			Harmonised technical specification
Tolerances on dimensions and shape	Strip, band and sheet		EN 10051	
Yield strength (Re)	Nominal thickness (mm)		Values (Mpa)	
	>	≤	min	
		16	235	
Tensile strength (Rm)	Nominal thickness (mm)		Values (Mpa)	
	>	≤	min	max
		100	360	510
Elongation**	Nominal thickness (mm)		Values (%)	
	>	≤	min. T	min. L
	1	1,5	16	18
	1,5	2	17	19
	2	2,5	18	20
	> 2,5	<3	19	21
	≥3	≤40	24	26
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		150	27 at 0°C	
Weldability CEV	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,35	
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		16	C: 0,17	Cu: 0,55
			Mn: 1,40	N*: 0,012
			P: 0,030	
		S: 0,030		
* The maximum values for nitrogen do not apply if the total Al content is at least 0,020% or other suitable elements are present which bind N. ** Elongation: T – transverse direction, L – longitudinal direction				

EN 10025-1:2004