

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-2/03-CPR-23-1

Unique identification code of the product-type:

Hot rolled strip, band and sheet of structural non-alloy steels grade S235J2 according to EN 10025-2, steel number 1.0117

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

Declared performances				
Basic characteristics	Performance			Harmonised technical specification
Dimensional tolerance	Sheets, strips, stripes		EN 10051	
Yield point (Re)	Nominal thickness (mm)		Values (Mpa)	
	>	≤	min	
		16	235	
Ultimate 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 energy	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		150	27 at -20°C	
Weldability CEV	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0.35	
Chemical composition	Nominal thickness (mm)		Values (%)	
	>	≤		
		16	C: 0.17	Cu: 0.55
			Mn: 1.40	
			P: 0.025	
			S: 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			

EN 10025-1:2004

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