

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-2/14-CPR-23-1

Unique identification code of the product-type:

Hot rolled strip, band and sheet of structural non-alloy steels grade S275J0C according to EN 10025-2, steel number 1.0140

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
Yield point (Re)	Nominal thickness (mm)		Values (Mpa)
	>	≤	min
		16	275
Ultimate tensile strength (Rm)	Nominal thickness (mm)		Values (Mpa)
			min
		<3	430
	≥3	≤100	410
Elongation**	Nominal thickness (mm)		Values (%)
	>	≤	min. T
	1	1.5	14
	1.5	2	15
	2	2.5	16
	> 2.5	<3	17
	≥3	≤40	21
			23
Impact energy	Nominal thickness (mm)		Values (J)
	>	≤	min
		150	27 at 0°C
Weldability CEV	Nominal thickness (mm)		Values (%)
	>	≤	max
		30	0.40
Chemical composition	Nominal thickness (mm)		Values (%)
	>	≤	
		16	C: 0.18
			Mn: 1.50
			P: 0.030
			S: 0.030
			Cu: 0.55
* 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