

DECLARATION OF PERFORMANCE
according to regulation (EU) No. 305/2011

No. LO-F-ST-2/09-CPR-22-1

Unique identification code of the product-type:

Hot rolled strip, band and sheet of structural non-alloy steels grade S355J2 according to EN 10025-2, steel number 1.0577

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 of AVCP: System 2+

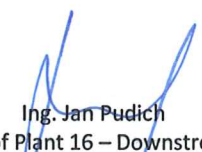
Harmonised standard: EN 10025-1:2004

Notified body:
Technický a zkušební ústav stavební Praha, s.p.
Prosecká 811/76a, Praha 9 – Prosek,
NB No. 1020

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

At Ostrava on 1.4.2022


 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: 0.20	S: 0.025	
			Si: 0.55	Cu: 0.55	
			Mn: 1.60		
			P: 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					