LIBERTY

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
libertysteelgroup.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

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				

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

LIBERTY
Liberty Ostrava a.s.
Vratimovská 689/117, 719 00 Ostrava - Kunči
Válcovny plochých výrobků