

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

No. LO-F-ST-2/15-CPR-22-1

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

Hot rolled strip, band and sheet of structural non-alloy steels grade S275J2C according to EN 10025-2, steel number 1.0142

**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+

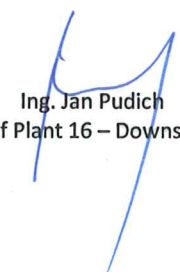
**Harmonised standard:** EN 10025-1:2004

**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)	<b>Nominal thickness (mm)</b>		<b>Values (Mpa)</b>		
	>	≤	min		
		16	275		
Ultimate tensile strength (Rm)	<b>Nominal thickness (mm)</b>		<b>Values (Mpa)</b>		
			min	max	
		<3	430	580	
	≥3	≤100	410	560	
Elongation**	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	min. T	min. L	
	1	1.5	14	16	
	1.5	2	15	17	
	2	2.5	16	18	
	> 2.5	<3	17	19	
	≥3	≤40	21	23	
	Impact energy	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>	
>		≤	min		
		150	27 at -20°C		
Weldability CEV	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		30	0.40		
Chemical composition	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤			
		16	C: 0.18	Cu: 0.55	
			Mn: 1.50		
			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					