

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-2/15-CPR-23-1

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/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 |
| | | 580 | 560 |
| Elongation** | Nominal thickness (mm) | | Values (%) |
| | > | ≤ | min. T |
| | | 1.5 | 14 |
| | 1 | 2 | 15 |
| | 1.5 | 2.5 | 16 |
| | 2 | <3 | 17 |
| | > 2.5 | ≤40 | 21 |
| | | 23 | |
| Impact energy | Nominal thickness (mm) | | Values (J) |
| | > | ≤ | min |
| | | 150 | 27 at -20°C |
| Weldability CEV | Nominal thickness (mm) | | Values (%) |
| | > | ≤ | max |
| | | 30 | 0.40 |
| Chemical composition | Nominal thickness (mm) | | Values (%) |
| | > | ≤ | |
| | | 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 | | | |

EN 10025-1:2004