

## Declaration of Performance (EU exit regulation 2020 No 1359)

Certificate No:

0038/CPR/RQA0532073/B

S275J2

### Strip S275J2 / 1.0145 according EN 10025-2

To be used in-welded, bolted and riveted structures


Tata Steel IJmuiden B.V.  
Wenckebachstraat 1  
1951 JZ Velsen-Noord  
The Netherlands  
Tel: +31 251 49111  
Website : [www.tatasteeleurope.com](http://www.tatasteeleurope.com)

CE Marking Notified Body  
Lloyd's Register Verification Limited  
71 Fenchurch Street  
London, EC3M 4BS  
UK

System of assessment and verification of constancy of  
performance of the product  
System 2+

Notified factory production control certification body No. 0038  
performed the initial inspection of the manufacturing plant and of  
factory production control and the continuous surveillance,  
assessment, and evaluation of factory production control and  
issued the certificate of conformity of the factory production  
control

The performance of the product identified is in conformity with  
the declared performance. This declaration of performance is  
issued, in accordance with (EU exit) Regulation 2020 No1359,  
under the sole responsibility of the manufacturer. Signed for and  
on behalf of the manufacturer by:

  
5<sup>th</sup> of August 2021  
Date

Carel Kleemans – Technical Director, Strip Products MLE  
Tata Steel IJmuiden BV

| Essential characteristic           | Performance            |      |  |     | Harmonised technical specification |
|------------------------------------|------------------------|------|--|-----|------------------------------------|
| Tolerances on dimensions and shape | Dimensions             |      | EN 10051   |     | EN10025-1 2004                     |
|                                    | Flatness               |      | EN10051  |     |                                    |
| Yield strength (transverse)        | Nominal thickness (mm) |      | Values<br>Min (MPa)                                    |     |                                    |
|                                    | >                      | <=   |  |     |                                    |
|                                    | 1.4                    | 16   | 275  |     |                                    |
|                                    | 16                     | 20   | 265  |     |                                    |
| Tensile strength (transverse)      | Nominal thickness (mm) |      | Values (MPa)   |     |                                    |
|                                    | >                      | <=   | min  | max |                                    |
|                                    | 1.4                    | 3    | 430  | 580 |                                    |
|                                    | 3                      | 20   | 410  | 560 |                                    |
| Elongation (transverse)            | Nominal thickness (mm) |      | Values<br>min (% , 80mm)                               |     |                                    |
|                                    | >                      | <=   |  |     |                                    |
|                                    | 1.4                    | 1.5  | 16   |     |                                    |
|                                    | 1.5                    | 2    | 17   |     |                                    |
|                                    | 2                      | 2.5  | 18   |     |                                    |
|                                    | 2.5                    | 3    | 19   |     |                                    |
|                                    | Nominal thickness (mm) |      | Values<br>min (% , 5.65√s <sub>0</sub> )               |     |                                    |
|                                    | >3                     | <=20 | 23   |     |                                    |
| Impact strength (longitudinal)     | J2                     |      | 27J at -20°C   |     |                                    |
| Weldability CEV                    | Nominal thickness (mm) |      | Values<br>max (%)                                      |     |                                    |
|                                    | >                      | <=   |  |     |                                    |
|                                    | 1.4                    | 20   | 0.40   |     |                                    |
| Durability                         | Nominal thickness (mm) |      | Values<br>max (%)                                      |     |                                    |
|                                    | >1.4                   | <=20 | C:0,21<br>Mn: 1,50<br>P: 0,025<br>S: 0,025<br>Cu: 0,55 |     |                                    |

# UK CA

0038

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MLE Strip S275J2

EN 10025-1 – 2004

Strip S275J2/1.0145

To be used in-welded, bolted and riveted structures

Tolerances on dimensions : Strip EN10051

Elongation :  
Tensile Strength :  
Yield Strength : EN10025-2  
Impact Strength :  
Weldability :  
Durability :

Dangerous Substances : No Performance Determined