

DECLARATION OF PERFORMANCES
N°IB040|CPR2006-09-25| English version - Rev 01

1. Unique identification code of the product-type :

1.0143

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Plates S275J0 according to EN 10025-2

3. Intended use or use of the construction product in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used cut to length plates in metal structures or in composite metal and concrete structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as requires pursuant to Article 11 (5)

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5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 10025-2:2004

Notified factory production control certification body No.(.See list below) 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

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8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

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9. Declared performance

| Essential characteristic | Performance | | | | Harmonised technical specification |
|------------------------------------|---------------------------------|------------------------------------|--------------------------------------|--------------------------------------|------------------------------------|
| Tolerances on dimensions and shape | Thickness, length and width | | EN 10029 | | EN 10025-2:2004 |
| | Flatness on cut to length plate | | EN 10029 | | |
| Yield Strength | Nominal thickness (mm) | | Values (Mpa) | | |
| | > | ≤ | ReH | | |
| | | 16 | 275 | | |
| | 16 | 40 | 265 | | |
| | 40 | 63 | 255 | | |
| | 63 | 80 | 245 | | |
| | 80 | 100 | 235 | | |
| | 100 | 150 | 225 | | |
| 150 | 200 | 215 | | | |
| 200 | 250 | 205 | | | |
| Tensile Strength | Nominal thickness (mm) | | Values (Mpa) | | |
| | > | ≤ | Rm min | Rm max | |
| | | 2,99 | 430 | 580 | |
| | 2,99 | 100 | 410 | 560 | |
| | 100 | 150 | 400 | 540 | |
| 150 | 250 | 380 | 540 | | |
| Elongation | Nominal thickness (mm) | | Values | | |
| | > | ≤ | min (%) | Samples | |
| | | 1 | 13 | Lo=80mm | |
| | 1 | 1,5 | 14 | Lo=80mm | |
| | 1,5 | 2 | 15 | Lo=80mm | |
| | 2 | 2,5 | 16 | Lo=80mm | |
| | 2,5 | 2,99 | 17 | Lo=80mm | |
| | 2,99 | 40 | 21 | 5,65√So | |
| | 40 | 63 | 20 | 5,65√So | |
| | 63 | 100 | 19 | 5,65√So | |
| | 100 | 150 | 19 | 5,65√So | |
| 150 | 250 | 18 | 5,65√So | | |
| Impact Test | Nominal thickness (mm) | | Values long. | | |
| | > | ≤ | KV mini (J) | T° | |
| | 5,99 | 8,49 | 14 | 0°C | |
| | 8,49 | 10,99 | 21 | 0°C | |
| 10,99 | 250 | 27 | 0°C | | |
| CEV | Nominal thickness (mm) | | Values | | |
| | > | ≤ | % | | |
| | | 40 | 0,40 | | |
| | 40 | 150 | 0,42 | | |
| 150 | 250 | 0,44 | | | |
| Durability | Nominal thickness (mm) | | Values | | |
| | > | ≤ | % | | |
| | | 150 | C ≤ 0,18 Mn ≤ 1,50 P ≤ 0,030 | S ≤ 0,030 Al ≥ 0,020 Cu ≤ 0,55 | |
| 150 | 250 | C ≤ 0,20 Mn ≤ 1,50 P ≤ 0,030 | S ≤ 0,030 Al ≥ 0,020 Cu ≤ 0,55 | | |

** subject to agreement between manufacturer and his customer

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9

This declaration of performance is issued under the responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

Matthieu Sinnaeve
Head of Method Department- Metallurgy
Charleroi, 30th may 2016

Karim Bahri
Head of Quality Management System
Charleroi, 30th may 2016


