

1) Unique identification code of the product-type : **1.4571**

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

**Hot-rolled stainless steel plates according to EN 10088-4**

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

**Building construction and civil engineering**

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 10088-4:2009**

Notified factory production control certification body TÜV SÜD Industrie Service GmbH, Nr 0036 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 nr **0036 - CPR - M - 083 – 2015**

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

**Not applicable**



ArcelorMittal

**DECLARATION OF PERFORMANCE (DoP)**  
**DOPIC008\_1.4571| English version - Rev 03**  
**According to Construction Products Regulation 305/2011/EU**

9) Declared performance

| Essential characteristic  | Performance  |                           |                                    |                  | Harmonized technical specification |
|---|--|---------------------------|------------------------------------|------------------|------------------------------------|
| Tolerance on dimensions and shape   | Thickness, length and width<br>Flatness on cut to length plate |                           | EN 10029                           |                  | EN 10088-4:2009                    |
| Yield Strength 0,2%   | Nominal thickness (mm)   |                           | Values (MPa) (tr.)                 |                  |                                    |
|   | >  | ≤                         | min                                | max              |                                    |
|   |  | 75                        | 220                                |                  |                                    |
|   | 75   | 150                       | **                                 |                  |                                    |
| Yield Strength 1%   | Nominal thickness (mm)   |                           | Values (MPa) (tr.)                 |                  |                                    |
|   | >  | ≤                         | min                                | max              |                                    |
|   |  | 75                        | 260                                |                  |                                    |
|   | 75   | 150                       | **                                 |                  |                                    |
| Tensile Strength (TS)   | Nominal thickness (mm)   |                           | Values (MPa) (tr.)                 |                  |                                    |
|   | >  | ≤                         | min                                | max              |                                    |
|   |  | 75                        | 520                                | 670              |                                    |
|   | 75   | 150                       | **                                 | **               |                                    |
| Elongation %  | Nominal thickness (mm)   |                           | Values (%) (tr.)                   |                  |                                    |
|   | >  | ≤                         | min                                | max              |                                    |
|   |  | 75                        | 40                                 |                  |                                    |
|   | 75   | 150                       | **                                 |                  |                                    |
| Impact test (KV)  | Nominal thickness (mm)   |                           | KV mini at +20°C (J)               |                  |                                    |
|   | >  | ≤                         | long.                              | tr.              |                                    |
|   |  | 75                        | 100                                | 60               |                                    |
|   | 75   | 150                       | **                                 | **               |                                    |
| Intergranular corrosion test  | Nominal thickness (mm)   |                           | Values (J)                         |                  |                                    |
|   | >  | ≤                         | Guaranteed according to ISO 3651-2 |                  |                                    |
|   |  | 75                        |                                    |                  |                                    |
|   | 75   | 150                       |                                    |                  |                                    |
| Chemistry   | %  |                           |                                    |                  |                                    |
|   |  |                           | C ≤ 0,08                           | 16,5 ≤ Cr ≤ 18,5 |                                    |
| Weldability<br>Durability<br>Fracture/brittle toughness<br>Formability<br>Regulated substance |  |                           | Si ≤ 1                             | 2 ≤ Mo ≤ 2,5     |                                    |
|   |  |                           | Mn ≤ 2                             | 10,5 ≤ Ni ≤ 13,5 |                                    |
|   |  |                           | P ≤ 0,045                          | 5xC ≤ Ti ≤ 0,7   |                                    |
|   |  |                           | S ≤ 0,015                          |                  |                                    |
|   |  |                           | proven by chemical composition     |                  |                                    |
|   |  |                           | proven by chemical composition     |                  |                                    |
|   |  | proven by impact test     |                                    |                  |                                    |
|   |  | proven by elongation      |                                    |                  |                                    |
|   |  | no performance determined |                                    |                  |                                    |
| ** subject to agreement between manufacturer and his customer                                 |  |                           |                                    |                  |                                    |

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:

Aude Lamontagne  
 Head of Metallurgy Department  
 Le Creusot, 23 July 2019

Sophie Antonini  
 Head of Quality Assurance Department  
 Le Creusot, 23 July 2019