

DECLARATION OF PERFORMANCE

No. ACR – 8928 – P_CPR_06 – 13

1. Unique identification code of the product-type:

EN 10025 – 6 – 1.8928
EN 10025 – 6 – S 690 QL

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

Heat number and plate number: see marking on the product and accompanying documents

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

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 required under Article 11(5):

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5. System or systems of assessment and verification of constancy of performance of the construction product as set out in REGULATION (EU) No. 305/2011, Annex V:

System 2+

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

Notified factory production control certification body – TÜV SÜD Industrie Service GmbH, Westendstraße 199, D – 80686 München, identification No. 0036 – performed initial inspection of the manufacturing plant and factory production control and continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued: Certificate of conformity of the factory production control No. 0036 – CPR – M – 05 – 2006.

7. Declared performance:

| Essential characteristics | Performance | | | | Harmonised technical specification |
|---|------------------------|------------|-----------------------------|-----------|------------------------------------|
| Tolerances on dimensions and shape | Thickness | | EN 10029 class A, B, C or D | | EN 10025 – 1: 2004 |
| | Flatness | | EN 10029 class N | | |
| Elongation ($L_0 = 5,65 \sqrt{S_0}$) (transverse) | Nominal thickness (mm) | | Values | | |
| | | | min (%) | max (%) | |
| | ≥ 3 | ≤ 100 | 14 | - | |
| Tensile strength (R_m) (transverse) | Nominal thickness (mm) | | Values | | |
| | | | min (MPa) | max (MPa) | |
| | ≥ 3 | ≤ 50 | 770 | 940 | |
| | > 50 | ≤ 100 | 760 | 930 | |

1 MPa = 1 N /mm²

(continued)

| Essential characteristics | Performance | | | | Harmonised technical specification |
|---|------------------------|------------|--|---|------------------------------------|
| Yield strength (R_{eH}) (transverse) | Nominal thickness (mm) | | Values | | EN 10025 – 1: 2004 |
| | | | min (MPa) | max (MPa) | |
| | ≥ 3 | ≤ 50 | 690 | - | |
| | > 50 | ≤ 100 | 650 | - | |
| Impact strength (KV) (longitudinal) | Nominal thickness (mm) | | Values | | |
| | | | min (J) | max (J) | |
| | | ≤ 100 | 27 at - 40 °C | - | |
| Weldability (CEV) (Chemical composition) | Nominal thickness (mm) | | Values | | |
| | | | min | max | |
| | | ≤ 50 | - | 0,65 | |
| | > 50 | ≤ 100 | - | 0,77 | |
| Durability (Chemical composition) | Nominal thickness (mm) | | Values | | |
| | | | (%) | (%) | |
| | | ≤ 100 | C: max 0,20 Si: max 0,80 Mn: max 1,70 P: max 0,020 S: max 0,010 N: max 0,015 B: max 0,0050 Cr: max 1,50 | Cu: max 0,50 Mo: max 0,70 Nb: max 0,06 Ni: max 2,00 Ti: max 0,05 V: max 0,12 Zr: max 0,15 | |
| Regulated substances | NPD | | | | |

1 MPa = 1 N /mm²

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

BLAŽ JASNIČ, dipl. ekon., General manager

(name and function)

Jesenice / 17. November 2015

(place and date of issue)



(signature)