

# 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):

SIJ ACRONI d.o.o.  
CESTA BORISA KIDRIČA 44, SI-4270 JESENICE  
Tel. +386 4 584 10 00 / Fax: +386 4 584 11 11  
E-mail: info@acroni.si  
www.acroni.si

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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 <sub>0</sub> = 5,65 √S <sub>0</sub> ) (transverse)	Nominal thickness (mm)		Values		
			min (%)	max (%)	
	≥ 3	≤ 100	14	-	
Tensile strength (R <sub>m</sub> ) (transverse)	Nominal thickness (mm)		Values		
			min (MPa)	max (MPa)	
	≥ 3	≤ 50	770	940	
	> 50	≤ 100	760	930	

1 MPa = 1 N/mm<sup>2</sup>

(continued)

Essential characteristics	Performance				Harmonised technical specification
Yield strength (R <sub>eH</sub> ) (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 /mm<sup>2</sup>

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)