

DECLARATION OF PERFORMANCE

No. ACR – 4401 – P_CPR_06 – 13

1. Unique identification code of the product-type:

EN 10088 – 4 – 1.4401

EN 10088 – 4 – X 5 CrNiMo 17–12–2

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
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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 ISO 18286		EN 10088 – 4: 2009
	Flatness		EN ISO 18286		
Elongation (A _(L₀ = 5,65 √S₀)) (transverse)	Nominal thickness (mm)		Values		
			min (%)	max (%)	
	≥ 3	≤ 75	45	-	
Tensile strength (R _m) (transverse)	Nominal thickness (mm)		Values		
			min (MPa)	max (MPa)	
		≤ 75	520	670	

1 MPa = 1 N /mm²

(continued)

Essential characteristics	Performance			Harmonised technical specification
Yield strength ($R_{p0,2}$) (transverse)	Nominal thickness (mm)		Values	
			min (MPa)	max (MPa)
		≤ 75	220	-
Impact strength (KV) (transverse)	Nominal thickness (mm)		Values	
			min (J)	max (J)
	> 10	≤ 75	60	-
Durability (Chemical composition)	Nominal thickness (mm)		Values	
			(%)	(%)
		≤ 75	C: max 0,070 Si: max 1,00 Mn: max 2,00 P: max 0,045 S: max 0,015 N: max 0,10 Cr: min 16,50 max 18,50	Cu: - Mo: min 2,00 max 2,50 Nb: - Ni: min 10,00 max 13,00 Ti: -
Regulated substances	NPD			EN 10088 – 4: 2009

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)

DECLARATION OF PERFORMANCE

No. ACR – 4404 – P_CPR_06 – 13

1. Unique identification code of the product-type:

EN 10088 – 4 – 1.4404

EN 10088 – 4 – X 2 CrNiMo 17–12–2

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 ISO 18286		EN 10088 – 4: 2009
	Flatness		EN ISO 18286		
Elongation ($A_{(L_0 = 5,65 \sqrt{S_0})}$) (transverse)	Nominal thickness (mm)		Values		
			min (%)	max (%)	
	≥ 3	≤ 75	45	-	
Tensile strength (R_m) (transverse)	Nominal thickness (mm)		Values		
			min (MPa)	max (MPa)	
		≤ 75	520	670	

1 MPa = 1 N/mm²

(continued)

Essential characteristics	Performance			Harmonised technical specification
Yield strength ($R_{p0,2}$) (transverse)	Nominal thickness (mm)		Values	
			min (MPa)	max (MPa)
		≤ 75	220	-
Impact strength (KV) (transverse)	Nominal thickness (mm)		Values	
			min (J)	max (J)
	> 10	≤ 75	60	-
Durability (Chemical composition)	Nominal thickness (mm)		Values	
			(%)	(%)
		≤ 75	C: max 0,030 Si: max 1,00 Mn: max 2,00 P: max 0,045 S: max 0,015 N: max 0,10 Cr: min 16,50 max 18,50	Cu: - Mo: min 2,00 max 2,50 Nb: - Ni: min 10,00 max 13,00 Ti: -
Regulated substances	NPD			EN 10088 – 4: 2009

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)

DECLARATION OF PERFORMANCE

No. ACR – 4301 – P_CPR_06 – 13

1. Unique identification code of the product-type:

EN 10088 – 4 – 1.4301

EN 10088 – 4 – X 5 CrNi 18–10

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 ISO 18286		EN 10088 – 4: 2009
	Flatness		EN ISO 18286		
Elongation ($A_{(L_0 = 5,65 \sqrt{S_0})}$) (transverse)	Nominal thickness (mm)		Values		
			min (%)	max (%)	
	≥ 3	≤ 75	45	-	
Tensile strength (R_m) (transverse)	Nominal thickness (mm)		Values		
			min (MPa)	max (MPa)	
		≤ 75	520	720	

1 MPa = 1 N /mm²

(continued)

Essential characteristics	Performance			Harmonised technical specification
Yield strength ($R_{p0,2}$) (transverse)	Nominal thickness (mm)		Values	
			min (MPa)	max (MPa)
		≤ 75	210	-
Impact strength (KV) (transverse)	Nominal thickness (mm)		Values	
			min (J)	max (J)
	> 10	≤ 75	60	-
Durability (Chemical composition)	Nominal thickness (mm)		Values	
			(%)	(%)
		≤ 75	C: max 0,070 Si: max 1,00 Mn: max 2,00 P: max 0,045 S: max 0,015 N: max 0,10 Cr: min 17,50 max 19,50	Cu: - Mo: - Nb: - Ni: min 8,00 max 10,50 Ti: -
Regulated substances	NPD			EN 10088 – 4: 2009

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)