# DECLARATION OF PERFORMANCE No. ACR - 0045 - P\_CPR\_06 - 13

Unique identification code of the product-type:

EN 10025 - 2 - 1.0045 EN 10025 - 2 - S 355 JR

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
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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+

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.

Essential characteristics		Harmonised technical specification			
Tolerances on	Thickness		EN 10029 cla	ss A, B, C or D	
dimensions and shape	Flat	ness	EN 1002	9 class N	1
Elongation (L₀ = 5,65 √S₀)	Nominal thickness (mm)		Values		
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	20		
	> 40	≤ 63	19		EN 10025 – 1: 2004
Γ	> 63	≤ 150	18		
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		1
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	470	630	
	> 100	≤ 150	450	600	

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



Essential characteristics		Harmonised technical specification				
Yield strength (ReH)	Nominal thickness (mm)		Va	lues		
(transverse)			min (MPa)	max (MPa)		
		≤ 16	355	-		
	> 16	≤ 40	345	-	1	
	> 40	≤ 63	335	-		
	> 63	≤ 80	325			
	> 80	≤ 100	315		1	
	> 100	≤ 150	295		1	
Impact strength (KV)	Nominal thickness (mm)		Values		1	
(longitudinal)			min (J)	max (J)		
		≤ 150	27 at 20 °C			
Weldability (CEV)	Nominal thickness (mm)		Values		EN 10025 – 1: 2004	
(Chemical composition)			min	max		
composition)	≥ 3	≤ 30		0,45	1	
	> 30	≤ 150	•	0,47		
Durability	Nominal thic	kness (mm)	Values			
(Chemical			(%)	(%)		
composition)	≤ 40	> 40	C: max 0,24 Si: max 0,55 Mn: max 1,60 P: max 0,035 S: max 0,035	Cu: max 0,55 Ni: - Cr: - Mo: - N: max 0,012		
Regulated substances		NPD				

<sup>1</sup> 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)



# DECLARATION OF PERFORMANCE No. ACR – 0596 – P\_CPR\_06 – 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0596 EN 10025 - 2 - S 355 K2

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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CESTA BORISA KIDRIČA 44, SI-4270 JESENICE
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E-mail: info@acroni.si
www.acroni.si



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 –  $T\ddot{U}V$   $S\ddot{U}D$  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.

Essential characteristics		Harmonised technical specification			
Tolerances on	Thick	kness	EN 10029 cla	ss A, B, C or D	
dimensions and shape	Flat	ness	EN 10029 class N		
Elongation (L <sub>0</sub> = 5,65 $\sqrt{S_0}$ )	Nominal thickness (mm)		Va	lues	
(transverse)			min (%)	max (%)	
	≥3	≤ 40	20	-	
	> 40	≤ 63	19		EN 10025 - 1: 2004
	> 63	≤ 150	18	•	
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	470	630	
	> 100	≤ 150	450	600	

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



Essential characteristics		Harmonised technical specification			
Yield strength (ReH)	Nominal thickness (mm)		Va	lues	
(transverse)			min (MPa)	max (MPa)	
		≤ 16	355		
	> 16	≤ 40	345	-	
	> 40	≤ 63	335	-	
	> 63	≤ 80	325		
	> 80	≤ 100	315		
	> 100	≤ 150	295		
Impact strength (KV)	Nominal thic	ckness (mm)	Va	lues	
(longitudinal)			min (J)	max (J)	
		≤ 150	40 at - 20 °C	-	
Weldability (CEV)	Nominal thickness (mm)		Values		
(Chemical composition)			min	max	EN 10025 – 1: 2004
composition)		≤ 30		0,45	LIN 10025 - 1. 2004
	> 30	≤ 150	•	0,47	
Durability	Nominal thickness (mm)		Values		
(Chemical			(%)	(%)	
composition)		≤ 40	C: max 0,20 Si: max 0,55 Mn: max 1,60 P: max 0,025 S: max 0,025	Cu: max 0,55 Ni: - Cr: - Mo: - N: -	
	> 40		C: max 0,22 Si: max 0,55 Mn: max 1,60 P: max 0,025 S: max 0,025	Cu: max 0,55 Ni: - Cr: - Mo: - N: -	
Regulated substances		N	NPD		1

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

δ.	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)



# DECLARATION OF PERFORMANCE No. ACR – 0577 – P \_CPR 06 – 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0577 EN 10025 - 2 - S 355 J2

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.

Essential characteristics		Harmonised technical specification			
Tolerances on	Thickness		EN 10029 cla	ss A, B, C or D	
dimensions and shape	Flat	ness	EN 1002	9 class N	
<b>Elongation (</b> L₀ = 5,65 √S₀)	Nominal thickness (mm)		Values		
(transverse)			min (%)	max (%)	1
	≥ 3	≤ 40	20		
	> 40	≤ 63	19		EN 10025 – 1: 2004
	> 63	≤ 150	18		
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		1
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	470	630	
	> 100	≤ 150	450	600	

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

Essential characteristics		Harmonised technica specification			
Yield strength (ReH)	Nominal thickness (mm)		Va	Values	
(transverse)			min (MPa)	max (MPa)	
		≤ 16	355		
	> 16	≤ 40	345	-	1
	> 40	≤ 63	335		
	> 63	≤ 80	325		
	> 80	≤ 100	315	•	
	> 100	≤ 150	295	•	1
Impact strength (KV)	Nominal thi	ckness (mm)	Values		1
(longitudinal)			min (J)	max (J)	
		≤ 150	27 at - 20 °C	-	
Weldability (CEV)	Nominal thickness (mm)		Values		1
(Chemical composition)			min	max	EN 10025 – 1: 2004
composition)		≤ 30	•	0,45	EN 10025 - 1. 2004
	> 30	≤ 150		0,47	1
Durability	Nominal thic	ckness (mm)	Values		1
(Chemical			(%)	(%)	
composition)	> 40	≤ 40	C: max 0,20 Si: max 0,55 Mn: max 1,60 P: max 0,025 S: max 0,025 C: max 0,22 Si: max 0,55	Cu: max 0,55 Ni: - Cr: - Mo: - N: - Cu: max 0,55 Ni: -	
Regulated substances			Mn: max 1,60 P: max 0,025 S: max 0,025	Cr: - Mo: - N: -	

<sup>1</sup> 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)



# DECLARATION OF PERFORMANCE No. ACR – 0114 – P\_CPR\_06 – 13

Unique identification code of the product-type:

EN 10025 - 2 - 1.0114 EN 10025 - 2 - S 235 J0

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.

Essential characteristics		Harmonised technical specification			
Tolerances on	Thickness		EN 10029 cla	ss A, B, C or D	
dimensions and shape	Flat	ness	EN 1002	9 class N	
<b>Elongation</b> (L₀ = 5,65 √S₀)	Nominal thickness (mm)		Va	lues	
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	24		
	> 40	≤ 63	23	-	EN 10025 – 1: 2004
	>63	≤ 150	22	1	
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	360	510	
	> 100	≤ 150	350	500	

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



Essential characteristics		Harmonised technical specification			
Yield strength (ReH)	Nominal thickness (mm)		Va	alues	
(transverse)			min (MPa)	max (MPa)	
		≤ 16	235	-	
	> 16	≤ 40	225	•	
	> 40	≤ 100	215	•	
	> 100	≤ 150	195		
Impact strength (KV)	Nominal thic	ckness (mm)	Va	alues	
(longitudinal)			min (J)	max (J)	
		≤ 150	27 at 0 °C		
Weldability (CEV)	Nominal thickness (mm)		Values		
(Chemical composition)			min	max	EN 10025 – 1: 2004
Composition		≤ 40		0,35	
	> 40	≤ 150	-	0,38	
Durability	Nominal thickness (mm)		Values		
(Chemical			(%)	(%)	
composition)	≤ 40	> 40	C: max 0,17 Si: - Mn: max 1,40 P: max 0,030 S: max 0,030	Cu: max 0,55 Ni: - Cr: - Mo: - N: max 0,012	
Regulated substances	*		NPD		

<sup>1</sup> 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)



# DECLARATION OF PERFORMANCE No. ACR – 0145 – P\_CPR\_06 – 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0145 EN 10025 - 2 - S 275 J2

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+

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

Notified factory production control certification body –  $T\ddot{U}V$   $S\ddot{U}D$  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.

Essential characteristics	Performance			Harmonised technical specification	
Tolerances on	Thickness Flatness		EN 10029 class A, B, C or D EN 10029 class N		
dimensions and shape					
<b>Elongation</b> (L₀ = 5,65 √S₀)	Nominal thickness (mm)		Values		
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	21		
	> 40	≤ 63	20		EN 10025 – 1: 2004
	> 63	≤ 150	19		1
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	410	560	
	> 100	≤ 150	400	540	1

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



Essential characteristics		Performance			
Yield strength (ReH)	Nominal thickness (mm)		Va	lues	
(transverse)			min (MPa)	max (MPa)	1
		≤ 16	275	-	1
	> 16	≤ 40	265	:•00	
	> 40	≤ 63	255		
	> 63	≤ 80	245		
	> 80	≤ 100	235		1
	> 100	≤ 150	225	•2	
Impact strength (KV)	Nominal thickness (mm)		Values		1
(longitudinal)			min (J)	max (J)	
		≤ 150	27 at - 20 °C		
Weldability (CEV)	Nominal thickness (mm)		Values		EN 10025 – 1: 2004
(Chemical composition)			min	max	
composition)		≤ 40	1.	0,40	
	> 40	≤ 150	•	0,42	
Durability	Nominal thic	kness (mm)	Va	ues	
(Chemical			(%)	(%)	
composition)	≤ 40	> 40	C: max 0,18 Si: - Mn: max 1,50	Cu: max 0,55 Ni: - Cr: -	
35			P: max 0,025 S: max 0,025	Mo: - N: -	
Regulated substances		NPD			-

<sup>1</sup> 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)



# DECLARATION OF PERFORMANCE No. ACR – 0579 – P\_CPR\_06 – 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0579 EN 10025 - 2 - S 355 J2C

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 –  $T\ddot{U}V$   $S\ddot{U}D$  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.

Essential characteristics	i T	Performance			Harmonised technical specification
Tolerances on	Thickness Flatness		EN 10029 class A, B, C or D EN 10029 class N		
dimensions and shape					
<b>Elongation</b> (L₀ = 5,65 √S₀)	Nominal thic	Nominal thickness (mm)		lues	
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	20		8
	> 40	≤ 63	19	<b>.</b>	EN 10025 – 1: 2004
	> 63	≤ 150	18		1
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		H
(transverse)		· v	min (MPa)	max (MPa)	
	≥ 3	≤ 100	470	630	
	> 100	≤ 150	450	600	

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



Essential characteristics	Performance				Harmonised technica specification
Yield strength (ReH)	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	1
		≤ 16	355	25-	1
	> 16	≤ 40	345	( <b>•</b> ( )	1
	> 40	≤ 63	335		1
	> 63	≤ 80	325		1
	> 80	≤ 100	315	76	
	> 100	≤ 150	295	•	
Impact strength (KV)	Nominal thi	ckness (mm)	Val	lues	
(longitudinal)			min (J)	max (J)	
		≤ 150	27 pri - 20 °C		
Weldability (CEV)	Nominal thickness (mm)		Values		1
(Chemical composition)			min	max	EN 10025 – 1: 2004
composition)	≥ 3	≤ 40	-	0,45	
	> 40	≤ 150		0,47	
Durability	Nominal thickness (mm)		Values		
(Chemical composition)			(%)	(%)	1
	> 40	≤ 40	C: max 0,20 Si: max 0,55 Mn: max 1,60 P: max 0,025 S: max 0,025 C: max 0,22 Si: max 0,55 Mn: max 1,60	Cu: max 0,55 Ni: - Cr: - Mo: - N: - Cu: max 0,55 Ni: - Cr: -	
			P: max 0,025 S: max 0,025	Mo: - N: -	
Regulated substances	NPD				1

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

Ο.	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)



# DECLARATION OF PERFORMANCE No. ACR – 0143 – P\_CPR\_06 – 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0143 EN 10025 - 2 - S 275 J0

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 –  $T\ddot{U}V$   $S\ddot{U}D$  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.

Essential characteristics	Performance			Harmonised technical specification	
Tolerances on	Thickness		EN 10029 class A, B, C or D		
dimensions and shape	Flatness		EN 10029 class N		
<b>Elongation (</b> L₀ = 5,65 √S₀)	Nominal thi	Nominal thickness (mm)		lues	
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	21		
	> 40	≤ 63	20		EN 10025 – 1: 2004
	>63	≤ 150	19	•	
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	410	560	
	>100	≤ 150	400	540	

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



Essential characteristics		Performance			
Yield strength (ReH)	Nominal thickness (mm)		Va	lues	
(transverse)			min (MPa)	max (MPa)	
		≤ 16	275	•	
	> 16	≤ 40	265		
	> 40	≤ 63	255	•	
	> 63	≤ 80	245	•	
	> 80	≤ 100	235		
	> 100	≤ 150	225	-	
Impact strength (KV)	Nominal thickness (mm)		Values		
(longitudinal)			min (J)	max (J)	
		≤ 150	27 at 0 °C	-	
Weldability (CEV)	Nominal thickness (mm)		Values		EN 10025 – 1: 2004
(Chemical composition)			min	max	
composition)		≤ 40		0,40	
	> 40	≤ 150		0,42	
Durability	Nominal thic	kness (mm)	Values		
(Chemical			(%)	(%)	
composition)	≤ 40	> 40	C: max 0,18 Si: - Mn: max 1,50	Cu: max 0,55 Ni: - Cr: -	
			P: max 0,030 S: max 0,030	Mo: - N: max 0,012	
Regulated substances		1	NPD		

<sup>1</sup> 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)

# DECLARATION OF PERFORMANCE No. ACR = 0038 = P\_CPR\_06 = 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0038 EN 10025 - 2 - S 235 JR

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



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.

Essential characteristics	Performance			Harmonised technical specification	
Tolerances on	Thickness Flatness Nominal thickness (mm)		EN 10029 class A, B, C or D EN 10029 class N Values		
dimensions and shape					
<b>Elongation</b> (L₀ = 5,65 √S₀)					
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	24		
	> 40	≤ 63	23		EN 10025 – 1: 2004
	> 63	≤ 150	22	-	
Tensile strength (R <sub>m</sub> ) (transverse)	Nominal thickness (mm)		Values		
			min (MPa)	max (MPa)	
	≥ 3	≤ 100	360	510	
	> 100	≤ 150	350	500	

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

Essential characteristics	Performance			Harmonised technical specification	
Yield strength (ReH)	Nominal thickness (mm)		V	alues	
(transverse)			min (MPa)	max (MPa)	
		≤ 16	235	::=	
	> 16	≤ 40	225	\	
	> 40	≤ 100	215		
	> 100	≤ 150	195	-	
Impact strength (KV)	Nominal thi	ickness (mm)	Va	alues	
(logitudinal)			min (J)	max (J)	
		≤ 150	27 at 20 °C		
Weldability (CEV)	Nominal thickness (mm)		Values		
(Chemical composition)			min	max	
composition)		≤ 40	•	0,35	EN 10025 – 1: 2004
	> 40	≤ 150		0,38	EN 10025 - 1. 2004
Durability	Nominal thickness (mm)		Values		
(Chemical			(%)	(%)	
composition)		≤ 40	C: max 0,17	Cu: max 0,55	
			Si: -	Ni: -	
			Mn: max 1,40	Cr: -	
			P: max 0,035	Mo: -	
			S: max 0,035	N: max 0,012	
	> 40		C: max 0,20	Cu: max 0,55	
			Si: -	Ni: -	
			Mn: max 1,40	Cr: -	
			P: max 0,035	Mo: -	
			S: max 0,035	N: max 0,012	
Regulated substances			NPD		
Regulated substances				14. IIIdA 0,012	

<sup>1</sup> 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)



# DECLARATION OF PERFORMANCE No. ACR – 0117 – P\_CPR\_06 – 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0117 EN 10025 - 2 - S 235 J2

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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E-mail: info@acroni.si
www.acroni.si



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.

Essential characteristics	Performance			Harmonised technical specification	
Tolerances on	Thickness Flatness		EN 10029 class A, B, C or D EN 10029 class N		
dimensions and shape					
<b>Elongation (</b> L <sub>0</sub> = 5,65 √S <sub>0</sub> <b>)</b>	Nominal thickness (mm)		Values		
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	24		
	> 40	≤ 63	23		EN 10025 - 1: 2004
	> 63	≤ 150	22	•	
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	360	510	
	> 100	≤ 150	350	500	

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



Essential characteristics	Perfo		formance		Harmonised technical specification
Yield strength (ReH)	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
		≤ 16	235		1
	> 16	≤ 40	225	-	
	> 40	≤ 100	215		
	> 100	≤ 150	195	(4)	
Impact strength (KV)	Nominal thic	kness (mm)	Va	lues	
(longitudinal)			min (J)	min (J)	
		≤ 150	27 at - 20 °C		
Weldability (CEV)	Nominal thickness (mm)		Values		
(Chemical composition)			min	max	EN 10025 – 1: 2004
Composition		≤ 40	•	0,35	
	> 40	≤ 150		0,38	
Durability	Nominal thic	kness (mm)	Va	lues	
(Chemical			(%)	(%)	
composition)	≤ 40	> 40	C: max 0,17 Si: - Mn: max 1,40 P: max 0,025 S: max 0,025	Cu: max 0,55 Ni: - Cr: - Mo: - N: -	190 No.
Regulated substances		ı	NPD		+

<sup>1</sup> 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)



# DECLARATION OF PERFORMANCE No. ACR - 0044 - P\_CPR\_06 - 13

1. Unique identification code of the product-type:

EN 10025 – 2 – 1.0044 EN 10025 – 2 – S 275 JR

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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CESTA BORISA KIDRIČA 44, SI-4270 JESENICE
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E-mail: info@acroni.si

www.acroni.si



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	Thickness Flatness Nominal thickness (mm)		EN 10029 class A, B, C or D EN 10029 class N Values		
dimensions and shape					
Elongation (L₀ = 5,65 √S₀)					
(transverse)			min (%)	max (%)	
	≥ 3	≤ 40	21	*	
	> 40	≤ 63	20		EN 10025 - 1: 2004
	> 63	≤ 150	19	-	
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	410	560	
	> 100	≤ 150	400	540	

 $1 \text{ MPa} = 1 \text{ N /mm}^2$ 

Essential characteristics		Perf	ormance		Harmonised technical specification
Yield strength (ReH)	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
		≤ 16	275	-	
	> 16	≤ 40	265	-	
	> 40	≤ 63	255	•	
	> 63	≤ 80	245	-	1
	> 80	≤ 100	235		
	> 100	≤ 150	225		
Impact strength (KV)	Nominal thic	kness (mm)	Values		
(longitudinal)			min (J)	max (J)	
		≤ 150	27 at 20 °C	-	
Weldability (CEV)	Nominal thickness (mm)		Values		
(Chemical composition)			min	max	EN 10025 – 1: 2004
Composition)		≤ 40		0,40	LN 10025 - 1. 2004
	> 40	≤ 150		0,42	
Durability	Nominal thickness (mm)		Values		
(Chemical			(%)	(%)	
composition)	. 40	≤ 40	C: max 0,21 Si: - Mn: max 1,50 P: max 0,035 S: max 0,035	Cu: max 0,55 Ni: - Cr: - Mo: - N: max 0,012	
	> 40		C: max 0,22 Si: - Mn: max 1,50 P: max 0,035 S: max 0,035	Cu: max 0,55 Ni: - Cr: - Mo: - N: max 0,012	*
Regulated substances		ı	NPD	d	

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

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)

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

Jesenice / 17. November 2015	7//
(place and date of issue)	(signature)



# DECLARATION OF PERFORMANCE No. ACR – 0590 – P\_CPR\_06 – 13

1. Unique identification code of the product-type:

EN 10025 - 2 - 1.0590 EN 10025 - 2 - S 450 J0

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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E-mail: info@acroni.si
www.acroni.si



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 –  $T\ddot{U}V$   $S\ddot{U}D$  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.

Declared performance:

Essential characteristics	Performance			Harmonised technical specification	
Tolerances on	Thickness Flatness Nominal thickness (mm)		EN 10029 class A, B, C or D EN 10029 class N Values		
dimensions and shape					
Elongation (L₀ = 5,65 √S₀) (transverse)  Tensile strength (Rm) (transverse)					
			min (%)	max (%)	EN 10025 – 1: 2004
	≥ 3	≤ 150	17		
	Nominal thickness (mm)		Values		1
			min (MPa)	max (MPa)	
	≥ 3	≤ 100	550	720	
	> 100	≤ 150	530	700	

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

Essential characteristics	Performance			Harmonised technica specification	
Yield strength (ReH)	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
		≤ 16	450	•	
	> 16	≤ 40	430	-	
	> 40	≤ 63	410	-	
	> 63	≤ 80	390	-	
	> 80	≤ 150	380		1
Impact strength (KV)	Nominal thickness (mm)		Va	lues	
(longitudinal)			min (J)	max (J)	
		≤ 150	27 at 0 °C	-	
Weldability (CEV)	Nominal thickness (mm)		Values		
(Chemical composition)			min	max	
Composition)		≤ 30	-	0,47	EN 10025 – 1: 2004
	> 30	≤ 150	-	0,49	
Durability	Nominal thickness (mm)		Values		
(Chemical			(%)	(%)	
composition)		≤ 40	C: max 0,20	Cu: max 0,55	
			Si: max 0,55	Ni: -	
			Mn: max 1,70	Cr: -	
			P: max 0,030	Mo: -	
			S: max 0,030	N: max 0,025	
	> 40		C: max 0,22	Cu: max 0,55	
			Si: max 0,55	Ni: -	
			Mn: max 1,70	Cr: -	
			P: max 0,030	Mo: -	
			S: max 0,030	N: max 0,025	
Regulated substances		1	IPD	•	

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

0.	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)



# DECLARATION OF PERFORMANCE No. ACR – 0553 – P\_CPR 06 – 13

Unique identification code of the product-type:

EN 10025 - 2 - 1.0553 EN 10025 - 2 - S 355 J0

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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CESTA BORISA KIDRIČA 44, SI-4270 JESENICE
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E-mail: info@acroni.si

www.acroni.si



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 –  $T\ddot{U}V$   $S\ddot{U}D$  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.

Essential characteristics	Performance				Harmonised technical specification
Tolerances on	Thickness		EN 10029 class A, B, C or D		-
dimensions and shape	Flatness		EN 10029 class N		
Elongation (L <sub>0</sub> = 5,65 $\sqrt{S_0}$ ) (transverse)	Nominal thickness (mm)		Values		
			min (%)	max (%)	
	≥ 3	≤ 40	20		
	> 40	≤ 63	19		EN 10025 – 1: 2004
	> 63	≤ 150	18		
Tensile strength (R <sub>m</sub> )	Nominal thickness (mm)		Values		1
(transverse)			min (MPa)	max (MPa)	
	≥ 3	≤ 100	470	630	
	> 100	≤ 150	450	600	

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



Essential characteristics	Performance			Harmonised technica specification	
Yield strength (ReH)	Nominal thickness (mm)		Values		
(transverse)			min (MPa)	max (MPa)	
		≤ 16	355	• 1	
	> 16	≤ 40	345		
	> 40	≤ 63	335	-	
	> 63	≤ 80	325	•	
	> 80	≤ 100	315		
	> 100	≤ 150	295	-	
Impact strength (KV)	Nominal thickness (mm)		Va	alues	
(longitudinal)			min (J)	max (J)	
		≤ 150	27 at 0 °C	-	
Weldability (CEV)	Nominal thickness (mm)		Values		1
(Chemical			min	max	EN 10025 – 1: 2004
composition)		≤ 30		0,45	EN 10025 - 1. 2004
	> 30	≤ 150		0,47	1
Durability	Nominal thickness (mm)		Values		1
(Chemical			(%)	(%)	
composition)	> 40	≤ 40	C: max 0,20 Si: max 0,55 Mn: max 1,60 P: max 0,030 S: max 0,030 C: max 0,22 Si: max 0,55 Mn: max 1,60	Cu: max 0,55 Ni: - Cr: - Mo: - N: max 0,012 Cu: max 0,55 Ni: - Cr: -	
			P: max 0,030 S: max 0,030	Mo: - N: max 0,012	
Regulated substances		ı	NPD		

<sup>1</sup> 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)

