

## DECLARATION OF PERFORMANCE

No. ACR – 4541 – P\_CPR\_06 – 13

1. Unique identification code of the product-type:

EN 10088 – 4 – 1.4541

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:

**Building constructions or civil engineering works**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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.**

7. Declared performance:

Essential characteristics	Performance			Harmonised technical specification
Tolerances on dimensions and shape	Thickness	EN 10029 class A, B, C or D		EN 10088-4: 2004
	Flattness	EN 10029 class N		
Elongation	Nominal thickness (mm)	Values		
		min (%)	max (%)	
	≤ 75	40		
Tensile strength	Nominal thickness (mm)	Values		
		min (MPa)	max (MPa)	
	≤ 75	200		

(continued)

Essential characteristics	Performance				Harmonised technical specification
Yield strength	Nominal thickness (mm)		Values		EN 10088-4: 2004
	>	≤	min (MPa)	max (MPa)	
			500	700	
Impact strength	Nominal thickness (mm)		Values		
			longitudinal	transverse	
		≤	min (J)	min (J)	
			100	60	
Weldability CEV (Chemical composition)	Nominal thickness (mm)		Values		
	>	≤	min	max	
		30	-	-	
	30	130	-	-	
Durability (Chemical composition)	Nominal thickness (mm)		Values		
	>	≤	(%)	(%)	
			C: max 0,080 Si: max 1,00 Mn: max 2,00 P: max 0,045 S: max 0,015 N: - Cr: min 17,00 max 19,00	Cu: - Mo: - Nb: - Ni: min 9,00 max 12,00 Ti: 5 × C max 0,70	
Regulated substances	NPD				

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:

SLAVKO KANALEC, univ. dipl. inž. metal. MBA, general manager

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(name and function)

Jesenice / 30 May 2013

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(place and date of issue)

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(signature)