

**DECLARATION OF PERFORMANCE**  
**CPR\_EZ-SG2\_1\_2013**

1. Unique identification code of the product-type:  
**EZ – SG 2 (EN ISO 14341-A – G 42 4 C1/M21 3Si1)**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):  
**Batch number and Control number: see the packaging 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:  
**Metallic structures or 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):

**ELEKTRODA ZAGREB d.d.**  
**RUŠEVJE 7, HR-10290 ZAPREŠIĆ**  
Tel: +385 1 3477 444 / Fax: +385 1 3477 492  
E-mail: elektroda@elektroda-zagreb.hr  
www.elektroda-zagreb.hr



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 – S 039.**

7. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions	Ø 0,6 + 0,01 mm / - 0,03 mm Ø 0,8 – Ø 1,6 + 0,01 mm / - 0,04 mm	EN 13479:2004, EN ISO 544:2011
Elongation	> 20 %	EN 13479:2004, EN ISO 14341:2011
Tensile strength	500 – 640 MPa	EN 13479:2004, EN ISO 14341:2011
Yield strength	> 420 MPa	EN 13479:2004, EN ISO 14341:2011
Impact strength	> 47 J (-40 °C)	EN 13479:2004, EN ISO 14341:2011
Chemical composition	conform EN ISO 14341:2010	EN 13479:2004, EN ISO 14341:2011
Durability	conform EN ISO 14341:2010	EN 13479:2004
Dangerous substances	NPD	EN 13479:2004
Emission of radioactivity	NPD	EN 13479:2004

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:

VLADIMIR PANJKOVIĆ, Technical Manager

(name and function)

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(place and date of issue)

(signature)