

DECLARATION OF PERFORMANCE

No. IMPOL-CPR-6005-T6 Bars_1

1. Unique identification code of the product-type:
Bars of aluminium alloy EN AW-6005-T6
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
Charge number, work order and package number: see the 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 (internal and external use)

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 – 55 – 2012

7. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	Round extruded: conform acc. to EN 755-3:2008 Square extruded: conform acc. to EN 755-4:2008 Rectangular extruded: conform acc to EN 755-5:2008 Hexagonal extruded: conform acc to EN 755-6:2008	EN 15088:2005
Elongation	$A_{50} \text{ min } 8\% \text{ if } D^a (S^b) \leq 25\text{mm}$ $A_{50} - \text{ in range } 25\text{mm} < D (S) \leq 50\text{mm}$ $A_{50} - \text{ in range } 50\text{mm} < D (S) \leq 100\text{mm}$	
Tensile strength	$R_m \geq 270 \text{ MPa if } D^a (S^b) \leq 25 \text{ mm}$ $R_m \geq 270 \text{ MPa in range } 25 < D (S) \leq 50\text{mm}$ $R_m \geq 260 \text{ MPa in range } 50 < D (S) \leq 100\text{mm}$	
Yield strength	$R_{p0.2} \geq 225 \text{ MPa if } D^a (S^b) \leq 25 \text{ mm}$ $R_{p0.2} \geq 225 \text{ MPa in range } 25 < D (S) \leq 50\text{mm}$ $R_{p0.2} \geq 215 \text{ MPa in range } 50 < D (S) \leq 100\text{mm}$	
Weldability	Class I acc. to EN 1999-1-1:2007 + A1:2009	
Bendability	B3	
Fatigue strength	Class I	
Regulated substances	NPD	
Durability (general)	Class B acc. to EN 1999-1-1:2007 + A1:2009	

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:

EDVARD SLAČEK, Manager

(name and function)

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Impol d.o.o.
 Slovenska Bistrica, Partizanska ulica 38

(signature)