

# DECLARATION OF PERFORMANCE

## No. IMPOL-CPR-6005-T6 Profiles\_1

1. Unique identification code of the product-type:  
**Profiles 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):

**IMPOL d.o.o.**  
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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	Extruded profiles: conform acc. to EN 755-9:2008 Precision profiles: conform acc. to EN 12020-2:2008		<b>EN 15088:2005</b>
Elongation	$A_{50} \geq 6\%$		
Tensile strength	Open profile $R_m \geq 270$ MPa if $t \leq 5$ mm $R_m \geq 260$ MPa in range $5 < t \leq 10$ mm $R_m \geq 250$ MPa in range $10 < t \leq 25$ mm	Hollow profile $R_m \geq 255$ MPa if $t \leq 5$ mm $R_m \geq 250$ MPa in range $5 < t \leq 15$ mm	
Yield strength	Open profile $R_{p0.2} \geq 225$ MPa if $t \leq 5$ mm $R_{p0.2} \geq 215$ MPa in range $5 < t \leq 10$ mm $R_{p0.2} \geq 200$ MPa in range $10 < t \leq 25$ mm	Hollow profile $R_{p0.2} \geq 215$ MPa if $t \leq 5$ mm $R_{p0.2} \geq 2200$ MPa in range $5 < t \leq 15$ 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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(place and date of issue)



(signature)