



# Declaration of product characteristics ZAMAK3 (ZnAl4)



## 1. The unique identification code:

GS-ZN/ZP-907/P/Cr	ZN/2000-000	ZN/2300-042	ZN/2600-000	ZN-POLISH/2100-042
GS-ZN/ZP-907/S	ZN/2000-033	ZN/230P-000	ZN/2600-042	ZN-SATIN/2000-000
GS-ZN/ZP-909/P/Cr	ZN/2000-042	ZN/230P-042	ZN/2600-048	ZN-SATIN/2000-042
GS-ZN/ZP-909/S	ZN/2100-000	ZN/2400-000	ZN-COLOR/2200-000	ZN-SATIN/2100-000
GS-ZN/ZP-917/P/Cr	ZN/2100-042	ZN/2400-042	ZN-COLOR/2600-000	ZN-SATIN/2100-042
GS-ZN/ZP-917/S	ZN/2200-000	ZN/2500-000	ZN-POLISH/2000-000	ZN-SATIN/2200-000
ZN/0746-000	ZN/2200-042	ZN/250P-000	ZN-POLISH/2000-042	ZN-SATIN/2200-042
ZN/0747-000	ZN/2300-000	ZN/250P-042	ZN-POLISH/2100-000	ZN-SATIN/2600-000
				ZN-SATIN/2600-042

2. **Product type:** Parts, components, assemblies and structures of design class EXC2 made of ZAMAK3 alloy.

3. **Intended use of the construction product:** Components and semi-finished products made of ZAMAK3 alloy intended for the production and assembly of railings, for exterior and interior.

4., 5. **Producer:** UMAKOV Group, a. s., Galvaniho 7/D, 821 04 Bratislava, IČO: 52685691, IČ DPH: SK2121107241, Tel. +421 915 093 533, europe@umakovshop.com, www.umakovshop.com

6. **The assessment of the performance:** System 2+ under regulation of the European parliament and Council of the EU No. 305/2011, Appendix V.

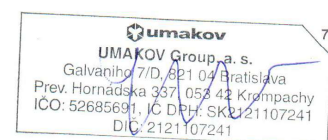
## 7.,8. Authorities involved in the assessment and verification of constancy of performance in accordance with the harmonized standard:

QUALIFORM, a.s., Brno, certification body accredited No. 1023,  
Released: Certificate of conformity of production control 1544-CPR-2020-1400-1, date: 1.4.2020

## 9. Declared attributes:

Basic characteristics	Attribute		Harmonized technical specifications
Material	ZAMAK3 (ZnAl4)		EN 10088-2-2005
Tensile strength MPa	283		EN 10088-2-2005
Chemical composition %	AL	3.8-4.2	EN 1774
	Mg	0.035-0.06	
	Cu	≤0.03	
	Fe	≤0.02	
	Si	≤0.02	
	Cd	≤0.003	
	Pb	≤0.003	
	Sn	≤0.001	
	Ni	≤0.001	
Static load carrying capacity	Stabilität des Aufbaus		Eurocode 1EN1991-4

10. Characteristic of the products mentioned in paragraph 1 and 2 is in conformity with the characteristics listed in paragraph 9. This declaration is issued under the sole responsibility of the manufacturer referred in paragraph 4.



Producer:  
Krompachy: 23.09.2021

Ing. Andrej Lacko