

Declaration of Performance of ZINGA® 2024 - 2025

1. Unique Product Type Identification(s) :
FILM GALVANIZING SYSTEM – ZINC METAL SYSTEM – GALVANIC PROTECTIVE COATING SYSTEM
2. Batch Number and Production Date : as indicated on each individual can or pail.
3. Properties :
Volume solids : 58% ±2% Weight solids : 80% ±2% Flash point : 47°C
VOC content : less than 200 g/kg Density : 2,67 kg/dm³ T° resistance : -40°C to 120°C
Solvent : Aromatic hydrocarbon solvent. Does not contain xylene, toluene or heavy metals.
4. Use & characteristics : INDUSTRIAL ONSHORE & OFFSHORE – RETAIL DIY
ZINGA® is a one component Film Galvanizing System containing 96% zinc (dust) in its dry film.
It is a metallic coating and not a paint. The purity of the zinc used is so high that dry ZINGA® does not contain any toxic elements (99.995% pure atomized zinc powder).
ZINGA® protects old, new & galvanised or metallized steel structures from rusting.
ZINGA® is applicable on-site or in a workshop, by brush, roller or spray equipment.
ZINGA® is environmentally friendly, non-toxic and has an unlimited shelf and a very long pot life (> 48h).
ZINGA® is a reversible coating and has the unique feature to reload existing Zinganized, hot-dip or metallized structures.
ZINGA® applied at 60µm DFT covers 3,62 m²/kg
ZINGA® can be used in contact with potable drinking water
ZINGA® is applicable in severe environments and weather conditions with up to 95% Relative Humidity.
5. Producer : ZINGAMETALL BV – Rozenstraat 4, B-9810 Eke, BELGIUM (www.zinga.eu)
Registry & VAT number : BE 0421 689 088 – Nacebel code : 20300
6. Authorised Distributors : 110 independent ZINGA® Distributors worldwide (cfr. ZINGA® website)
7. External & Internal Quality and Production Control :
 - Annually by SGS independent consultants and by foreign national quality controllers.
 - ZINGAMETALL BV is ISO 9001-2015 and ISO 14001-2015 certified.
 - All the production batches of ZINGA® are quality controlled, are digitally recorded into a pdf document and a physical sample of 2 kg is kept in our warehouse for a minimum period of 10 years.
8. Technical Approvals and Tests : (* not all approvals & test on ZINGA® are mentioned here!)
 - NEBEST C.O.T. (Netherlands) laboratory tests :
ZINGA® single layer 120µm DFT as stand-alone system with the following theoretical resistance results, according the new ISO 12944 standard of 2018 :

Standard	Category	Typical exterior environment	Durability
ISO 12944-6 (2018)	C5 VERY HIGH	High humidity & aggressive industrial atmospheres, coastal areas with high salinity	More than 25 years
ISO 12944-9 (2018)	CX EXTREME	Offshore high salinity, extreme humidity & aggressive industrial (e.g. tropical)	15 to 25 years
ISO 12944-9 (2018)	Im4	Immersion in sea or brackish water	15 to 25 years

- ZINGA® passed NORSOK M501 tests at 120 µm DFT as stand-alone system (Syst. 1 & 7A & 7B).
- ZINGA® passed ASTM B-117 (Salt spray): ZINGA® 2 x 90 µm DFT - over 4200 hours passed (ISO 9227).
- ZINGA® is resistant to MIC - Microbial Induced Corrosion & passed the test at ENDURES Laboratory (Netherlands).
- ZINGA® electro-potential measurement by University of Ghent and BNF (UK) : average of -1110 mV
- ZINGA® tested by NEBEST C.O.T. Lab. (Netherlands): no cracks with cylindrical mandrel of 12mm (ISO 1519)
- ZINGA® passed the NSF/ANSI/CAN 61 test (USA-CANADA) for use in potable water tanks and pipes.
- ZINGA® tested for slip coefficient (ASTM A325) and 1,000 h for Creep Deformation test (ASTM A490) by KTA TATOR (USA) : slip coefficient 0.52

Signed by the Authorised Representative of ZINGAMETALL BV
Bruno SAVERYS - CEO
5 January 2024
(Established according to the EU Regulation 305/2011/EU)



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