

ZINGA®

I. About Zingametall

Every year, corrosion is costing billions to the industry. It doesn't merely make the assets appear neglected, more importantly it causes structural instability and poses a serious safety hazard. It also causes severe disruption of the production process and thus profitability.

Zingametall was established to provide the revolutionary solution of this global problem.

The research that led to the basic formula of ZINGA® took years and is still continuing nowadays in close collaboration with Umicore and the University of Ghent. Today, the next generation coatings are being developed, thanks to Zingametall ongoing pursuit of quality and durability coupled to a deep concern for environment protection and energy conservation.

ZINGA differentiates from other anti-corrosion methods in combining both Passive and Active protection in an easily applied film galvanizing system; not only delivering active cathodic protection but also providing a passive physical shield.

ZINGA can be applied in bad weather or humid circumstances and under ambient temperatures as well. Yet, it has a quick drying time and a very flexible layer that it adjusts itself to the metal structure. Moreover, Zinga can be used for the protection of new rebars as well as for the repair of old ones. Recent tests showed that zinganzing the coated steel rebars before assembly and immersion in concrete has at least TWICE the corrosion protection effect of either galvanized or epoxy coating without reducing the pull-out strength of concrete.

Zingametall products have been applied worldwide on a very wide range of structures including *steel/concrete bridges, high tension pylons, lamp posts, guard rails, hand rails, fences, storage tanks, pipelines, railways and many other below grade, on-grade and above-grade structures.*

Zingametall has been assessed and certified as meeting the requirements of: ISO 9001:2008 under certificate number BE 05/1293.QA

Indeed, Zinga reduces both application costs and on-going maintenance costs.