



Next level Batch Hot Dip Galvanizing



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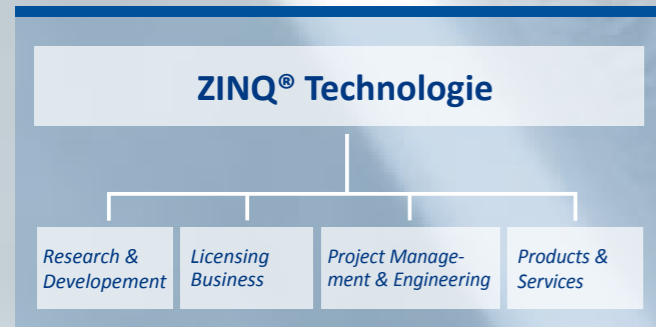
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About ZINQ® Technologie

New applications and new qualities of steel imply new requirements for zinc corrosion protection. Although batch hot dip galvanizing (HDG) is without question the best method for the long lasting corrosion protection of steel, customers and users are voicing new and increasing demands for HDG coatings.

ZINQ® Technologie has accepted this challenge and already offers innovative solutions for all steel processing companies looking for new batch hot dip galvanizing technologies.



Services include:

- development of new batch HDG galvanizing coatings based on modular systems and technology licenses to individually match each customer's needs
- efficient project management to support every aspect of building and operating batch hot dip galvanizing plants using ZINQ-coatings
- delivery of raw materials and process chemicals to secure the high quality standard of ZINQ-processes

ZINQ® Technologie provides consultancy, assistance and supervising services for batch hot dip galvanizing companies, covering all your questions around plant and process techniques – in your daily business, in the use or conversion to new batch HDG coatings as well as in building or revamping projects.



Research and Development ZINQ® Technologie

ZINQ® Technologie runs the "ZINQ Tank" for a whole industry. The company disposes of a state-of-the-art research and development center that is unique in the industry. A highly qualified and interdisciplinary team develops new processes and application possibilities for batch hot dip galvanizing.

ZINQ® Technologie is the worldwide market leader in the sector of high performance binary and ternary batch HDG processes and provides the best solutions for your products in the field of resource efficient coatings. Thanks to our patented ZINQ-technology it is possible to add aluminum or magnesium to alloys and to refrain from adding lead, cadmium and nickel.



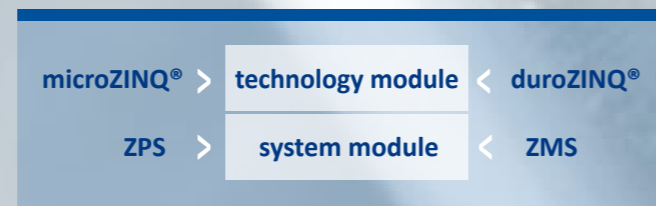
Indeed, ZINQ® Technologie takes another approach to developing new and better products and processes: in close collaboration with customers, the ZINQ innovation process seeks to optimize functional characteristics by combining steel and ZINQ. Especially for joining techniques, cold forming applications after galvanizing and the use of functional topcoats (for instance, for setting friction coefficients) ZINQ® Technologie is on your side.



Licensing

ZINQ® Technologie offers flexible license programs adapted to the customers' needs with a choice of binary and ternary alloy technologies. The basis of the license model is the system license – including processes and know-how for building an economically successful HDG-business. The knowledge of 125 years in batch hot dip galvanizing is available in form of the ZINQ® Management System (ZMS) and the ZINQ® Production System (ZPS). As a licensee you receive all the necessary information to guarantee a high quality galvanizing operation. The experts from ZINQ® Technologie support licenses in choosing the perfect mix between general system know-how and surface technologies from our flexible license modules.

A strong, established network of more than 30 licensees secures the connection between innovation development and practical experience. Members of the network also assist each other in enlarging the market for ZINQ-surfaces.



Project Management and Engineering

You have a specific idea of the technology you want to use for galvanizing your steel parts and need the production capacity to match?

Companies without their own batch hot dip galvanizing plant but indeed of batch HDG services or those wishing to bring their own plant up to date can rely on ZINQ® Technologie's advice from the project's beginning throughout the entire process.

This not only includes the adaption of already existing plants to ZINQ-technologies but also the conversion of coating plants, such as KTL-coating plants.

You have tight schedules or complex processes related to construction in existing buildings?

No problem for our ZINQ-experts: We define and supervise your plant project until operations have successfully started up. Thanks to continuous optimization and long experience ZINQ® Technologie holds an outstanding position at the top end of engineering with established practical experience and references.

You can profit from our engineering experience of more than 35 years in building batch hot dip galvanizing plants and over 50 successful projects! (Visit www.zinq-technologie.com for a detailed reference list.)



Products and Services

As part of the license services ZINQ® Technologie offers high-quality raw materials and chemicals for the pre- and after-treatment of galvanized parts. Tested in market-leading galvanizing plants, these products have proven themselves in practice many times over.

Products include ZINQ® Fix and ZINQ® Free helping to obtain specific surface characteristics as well as products for zinc bath management, such as Oxish and Oxikleen. High-quality surfaces with low raw material consumption – this is what the special products of ZINQ® Technologie aim for.

Needless to say that ZINQ® Technologie handles all laboratory analyses for licensees and ensures ongoing benchmarking to improve processes and methods. All of this is ZINQ with a Q for quality.

duroZINQ®



ISO 1461 batch HDG-alloys optimized with binary technology

colorZINQ®



Coating systems combining batch HDG-coatings with state-of-the-art topcoat applications

microZINQ®



Binary batch HDG-alloys for high corrosion performance

ecoZINQ®



Ternary batch HDG-alloys for maximum corrosion protection (offshore)

