

DEMO TECHNICAL RESOURCE

ZINQCOAT - Technical Data Summary

Universal zinc galvanizing coating | Website concept edition

This concept file demonstrates the website download experience. It is not a certified TDS, SDS or project specification. Final values, approvals and instructions must be issued by ZINQCOAT before commercial use.

Product overview

ZINQCOAT is presented as a fast-drying zinc-rich coating for new steel, galvanized repair and maintenance of corrosion-affected structures. The system is intended to form an electrochemical relationship with steel while also providing a physical barrier.

PROPERTY	DEMO SUMMARY
Protection mechanism	Barrier protection with active sacrificial zinc response
Zinc feedstock	Extra-fine atomized pure zinc; 99.995% purity referenced in concept source material
Service temperature	Concept range: -62 C to +120 C
Application context	Workshop or on-site application to prepared steel surfaces
Finish compatibility	May be combined with compatible topcoats in a specified duplex system

Typical uses

Bridges and transport assets; steel buildings; galvanized repair; tanks and utilities; automotive structural components; general industrial maintenance.

Key characteristics

Fast drying; weldable when correctly specified; humidity tolerant; flexible; coating build can be checked and reinforced with additional layers.

Standards context

Final product claims and project compliance must be confirmed against the issued product documentation and the applicable ISO, ASTM and client specification.

Next step

Contact the ZINQCOAT technical team with the substrate condition, exposure environment, approximate area and intended application method. A project-specific recommendation should be confirmed before work begins.