

DEMO TECHNICAL RESOURCE

ZINQCOAT HD - Technical Data Summary

Heavy-duty zinc protection system | 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 HD is presented as the heavy-duty system for critical infrastructure and severe industrial or marine exposure. It supports a robust, duplex-ready corrosion-protection strategy where access, consequence of failure or maintenance demand is high.

PROPERTY	DEMO SUMMARY
Protection strategy	Enhanced zinc-rich, duplex-ready system
Zinc feedstock	Extra-fine atomized pure zinc; 99.995% purity referenced in concept source material
Exposure context	Severe industrial and marine strategies, including C5/CX project contexts
Detail control	Designed around edges, threads, welds and complex steel geometry
Asset profile	Critical infrastructure and high-demand maintenance programs

Typical uses

Marine and offshore assets; renewable energy structures; oil and gas infrastructure; coastal facilities; petrochemical plants; transmission towers.

System approach

The final specification should define required preparation, zinc-layer build, compatible topcoat, inspection method and repair procedure as one coordinated system.

Standards context

Environment classification alone does not specify a coating system. Final project compliance must be confirmed against issued technical documents and client requirements.

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.