

DEMO TECHNICAL RESOURCE

ZINQCOAT HD Severe Exposure Guide

Specification considerations | 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

Severe environments demand a complete protection plan. This concept guide demonstrates how the final resource can connect exposure classification, access, geometry, surface preparation, system design and quality verification.

PROPERTY	DEMO SUMMARY
Exposure	Marine salt, industrial pollutants, condensation, immersion-adjacent service or cyclic wetting
Asset consequence	Criticality, shutdown cost, safety impact and access for future maintenance
Geometry	Edges, welds, bolted joints, crevices, water traps and dissimilar-metal interfaces
System	Zinc layer, compatible intermediate or finish coats, stripe coats and repair logic
Verification	Inspection plan, environmental records, film-build checks and handover documentation

Specification principle

Start with the asset and exposure. Confirm how the selected layers work together and how each will be inspected.

Duplex strategy

A compatible topcoat can add barrier and aesthetic performance while the zinc-rich layer supports active protection.

Technical support

Engage ZINQCOAT before tender or application to align the final documents, surface preparation and quality controls.

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.