

# CORROCOAT

# ZIPCOAT



Fast cure  
corrosion protection  
from Corrocoat

# ZIPCOAT –

## Fast and Effective Protection Against Corrosion

For environments where speed of application and quick return to service are of paramount importance, Zipcoat provides a cost effective and durable solution.

Zipcoat forms part of Corrocoat's Polyglass range of high performance protective coatings, offering an environmentally sound maintenance solution for a wide range of applications.

These include: protection of structural steelwork in aggressive atmospheric conditions, marine superstructures, decks, helidecks and immersion conditions such as ships' hulls, ballast tanks and piling.



Zipcoat is a multi-monomer isophthalic polyester, loaded with micro glassflake. The product is normally applied as a single coat system, replacing the traditional primer, intermediate and top coat system. However, Zipcoat can be applied in multiple coats where required.

Zipcoat is designed for spray application using standard airless spray equipment or plural component equipment. The material has excellent hand application characteristics.

Low VOC emissions guarantee reduced environmental impact in line with developing legislation.

### Zipcoat in Use

At 20°C:-

- Zipcoat has a pot life of approximately 65 minutes, and is generally tack free in less than two hours
- Zipcoat may be put into many service environments once tack-free

## Performance and Durability

Zipcoat's key benefits include excellent resistance to corrosion and abrasion attack, fast application rates, single coat application and quick turnaround times, combined with excellent life cycle costs. In addition, the material offers good edge coverage, eliminating the need for stripe coating in many cases.

### Additional benefits include:-

- Long working pot life
- Ease of application
- Fast cure and short tack-free times
- Low VOC emissions
- Good mechanical properties
- Excellent UV resistance



Zipcoat is applied to steel prepared to Class 2.5 standard, at thicknesses from 350 to 650 microns dft in a single coat. In some immersion conditions, it may be necessary for higher film thicknesses, and Zipcoat may be applied up to 1200 microns dft in two coats.

### Special Applications

- Zipcoat will cure at sub zero temperatures
- Zipcoat can be applied at temperatures as high as 45°C (a pot life extender is available for application at high ambient temperatures)
- Zipcoat's thixotropic properties offer excellent edge coverage when spray applied, often eliminating the need for stripe coating

### Cosmetic Properties

Zipcoat offers a good cosmetic finish and is available in off white and light grey as standard. Other colours are available on request (subject to quantity and availability).

# ZIPCOAT – A HIGH QUALITY PRODUCT FROM CORROCOAT

## Applications:–

Aggressive atmospheric, marine and light duty immersion service.

## Surface Preparation:–

Metals: Grit blast to SIS 05 5900 SA 2.5 standard

## Application Methods:–

Airless spray  
Brush  
Short haired roller

## Pot Life:–

65 minutes @ 20°C  
Note: pot life varies significantly with temperature.

## Packaging:–

10 and 20 litre composite kits.

## Storage life:–

Base: 12 months at temperatures below 24°C away from heat sources and direct sunlight.  
Hardener: 6 months at 24°C (12 months at 9°C)

## Volume solids:–

Nominally greater than 99%.

## Recommended wft/dft:–

Dependent upon intended use and prevailing site conditions. Normally airless spray applied in wet films between 450 and 1000 microns to achieve dfts of 350 to 800 microns. Values vary with temperature.

## Practical coverage rate:–

Approximately 0.7 litres / m<sup>2</sup> at 500 microns dft.

## Specific gravity:–

Approximate  
Base 1.24gcm<sup>-3</sup>  
Hardener 1.1gcm<sup>-3</sup>

## Overcoating:–

As soon as previous coat has gelled and is still tacky. Maximum overcoating time 72 hours at 24°C.

## Cure time:–

At 20°C, tack free in less than 2 hours, full cure 3 days (values vary subject to ventilation and temperature). Product may be put into many service conditions once tack-free.

This product and information is intended for use by buyers having requisite skill and know-how in the industry and therefore it is buyer's responsibility to satisfy itself of the suitability of the product for his own particular use and it shall be deemed that buyer has done so at its sole discretion and risk.

Information in this brochure is offered in good faith but without guarantee or liability.



A Sustaining Member  
of the Institute  
of Corrosion

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