

## Estotect Zincrich

### High Solids Zinc Modified Epoxy Coating

#### Description

**Estotect Zincrich** is a 2 components solvent-less epoxy coating which designed to be used as a high-performance protective coating. It forms an impervious layer preventing corrosion and easily build up the thickness up to 400 microns.

**Estotect Zincrich** also a chemical resistant coating which can withstand aggressive marine environment.

#### Uses

**Estotect Zincrich** is the recommended to be used at pipe lining, water tanks, cargo holds, fuel tanks, sewerage work etc.

#### Advantages

- Easy application
- Excellent chemical resistance
- High abrasion resistance
- Used as a lining for immersion and non-immersion service

#### Physical Properties

Color	Grey
Volume solid, %	98
Pot Life at 25°C	1 hour
Drying Time at 25°C Touch Hard	6 hours 18 hours
Recommended Film Thickness (per coat), µm	
DFT	200
WFT	210
No. of coat recommended	2
No. of Component	2
Calculated coverage @ 200µ DFT	4.9 m <sup>2</sup> / litre
Flash point, °C	>55

#### Application Instructions

##### Surface Preparation

The steel surface must be dry and free from all contaminants. Old coating, rust, waxes, oils, etc must be removed first by mechanical methods, hydro-jetting or abrasive blasting. All prepared surfaces must be coated immediately or before visible rust occurs.

##### Priming

No primer required. Self-priming

##### Mixing

Stir each component separately. Then pour entire content of Part B into Part A and continue to mix material under agitation at low speed for 1 – 2 minutes until a homogeneous mix is achieved.

#### Application

For spray application, use standard airless spray equipment. No thinning is required for airless spray.

Apply a heavy, wet coat in even, parallel passes overlapping each 50% to avoid bare areas, pinholes or holidays.

- Double coats all welds, rough spots, sharp edges and corners, rivets, bolt etc.
- Application at 210 microns WFT will achieve 200 microns DFT.
- Check thickness of DFT with non-destructive dry film thickness gauge such as Mikrotest or Elcometer.
- If less than specified thickness, apply additional material as needed.

Please note the drying time of **Estotect Zincrich** when using spray applications.

Roller and brush-on application can also be used especially for touch up and for difficult areas. Additional coats may be required to achieve the thicker dry film thickness. Take care to avoid runs and sags.

#### Cleaning

**Estotect Zincrich** should be removed from tools, equipment and mixers with solvent such as Thinner No.5 immediately after use.

#### Packing & Size

<b>Estotect Zincrich</b>	1 litre / set
	5 litres / set
	20 litres / set

#### Coverage

<b>Estotect Zincrich</b>	4.9 m <sup>2</sup> / litre
	@ 200µ DFT

Note: Coverage figure given theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

#### Technical Support

Denka offers a comprehensive range of high performance, high quality of product for both new and existing concrete surfaces. In addition, the company offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

#### Storage

**Estotect Zincrich** has a shelf life of 12 months if kept in a dry condition in the original, unopened containers and stored at 30 °C

If stored at high temperature or high humidity conditions the shelf life may be reduced.

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## Precaution

1. Do not use mixed materials beyond the recommended pot life
2. Apply only between 10 – 35 °C. Avoid direct sunlight when applying. Temperature above 30 °C will shorten pot life.
3. Use recommended thinner only to avoid problems in finishing.
4. Drying and curing times are dependent on-site temperature and thickness of coating.
5. If over-coating after 4 days, abrade the surface to provide a key and wash down with clean water to remove contamination.
6. If over-coating after 24 hours, cleaning prior to re-coating, using a detergent solution / clean water rinse, is recommended.
7. If used externally where exposed to UV light, highly recommend to apply suitable UV resistance coating

## Additional Information

**Denka Construction Solutions Malaysia Sdn Bhd** offers a wide range of complementary products which includes waterstops, waterproofing products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.



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