



# SpECcoat Zn25

ONE PART ZINC EPOXY PRIMER

## DESCRIPTION

**SpECcoat Zn25** is a one-part primer based on a blend of epoxy resin and zinc.

## TYPICAL USES

**SpECcoat Zn25** is recommended as a primer for exposed reinforcement where a corrosion resistant primer is specified. It is specifically developed for use with **SpECbuild** cementitious repair mortars.

## ADVANTAGES

- One part
- High metallic zinc content inhibits corrosion
- Compatible with **SpECbuild** cementitious mortars

## TECHNICAL DATA

<b>Specific Gravity</b>	1.925			
<b>Overcoating time:</b>				
@	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>	<b>40°C</b>
(max)	120min	60min	40min	20min
(min)	60min	30min	20min	10min
<b>Typical wft</b>	150 microns			
<b>Typical dft</b>	45 microns			

## APPLICATION INSTRUCTIONS

### Preparation

It is essential that adequate preparation is carried out prior to the application of **SpECcoat Zn25**. If it is determined that chloride ingress was the cause of the corrosion, the grit blasted area should be treated by high pressure washing.

Any corroded reinforcing steel should be grit blasted to bright metal, to remove all scale and corrosion products. It is essential this treatment continues over the rear of the reinforcing steel.

### Application

It is essential that there is no delay in the application of **SpECcoat Zn25** once the steel

is dry. Delays greater than one hour should be avoided.

Stir the contents of the tin to ensure that any settlement is redispersed.

The product should be applied by brush ensuring continuous coverage over the total surface area of the exposed steel. It may be necessary to apply a second coat if it is felt that some gaps may exist in the first coat. In this case allow the first coat to dry fully before application of the second coat. (Refer to Technical Data).

Once the priming operation is complete and has fully dried, it is essential that the repair mortar is applied as soon as possible. In environments where high temperature & high humidity prevail, this period should not exceed three days.

## PACKAGING & YIELD

1 litre, 2.5 litre and 5 litre tins.

## COVERAGE

Typically 7.0 m<sup>2</sup>/litre.

## EQUIPMENT CLEANING

Use **SpECcoat Cleaning Fluid** immediately after use.

## STORAGE AND SHELF LIFE

**SpECcoat Zn25** has a shelf life of 6 months when stored in a dry cool store in unopened packaging.

## HEALTH AND SAFETY

**SpECcoat Zn25** & **SpECcoat Cleaning Fluid** should not be permitted to contact skin and eyes. It is essential that adequate ventilation is provided and that all personnel should avoid inhaling the vapours produced. If working is necessary in confined areas, it is strongly recommended that sealed respiratory equipment is utilised.

**Eye contact** Rinse with copious amounts of clean water and seek medical attention.

**Skin contact** Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

Do NOT USE SOLVENTS

**Ingestion** Seek immediate medical attention.

DO NOT INDUCE VOMITING

**FLAMMABILITY**

**SpECcoat Zn25 and SpECcoat Cleaning Fluid** are flammable. Do not expose to naked flames or other ignition sources.

**FLASHPOINT**

<b>SpECcoat Zn25</b>	>40 °C
<b>SpECcoat Cleaning Fluid</b>	>40 °C

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