

### Description

Centrecoat Zinc Phosphate Primer 580 is a single pack quick drying metal primer for bare and lightly rusted metal.

Centrecoat Zinc Phosphate Primer 580 should be used on new, blasted or slightly rusted steel surfaces. Depending on the exposure conditions, this primer can be recoated with a variety of systems assuring the appropriate protection.

### Colour & Finish

Grey. Matt finish.

### Preparation

Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. For optimum results remove rust, rust scale, mill scale and deteriorated coatings by abrasive blasting to Sa 2½ (ISO 8501-1 : 1988), blast profile max. 50 µm. If blasting is not possible remove loose rust and loose coatings by scraping and/or wire brushing to St 3 (ISO 8501-1 : 1988). Sand previous coatings which are in good condition to remove gloss and to roughen the surface slightly. The surface must be clean and dry during application.

### Application

To ensure homogeneity, coating materials should be thoroughly stirred prior to use. Temperature of air, substrate and coating material between 5 and 35°C and relative humidity below 85%. The substrate temperature must be at least 3°C above dew point.

If applying via brush, dilute up to 10% volume with **Rust-Oleum Thinner 633**. Use natural bristles, long hair brushes. Brush application may require 2 coats to achieve recommended dry film thickness.

If applying via roller dilute up to 10% volume with **Rust-Oleum Thinner 633**. Use medium nap, 8-12 mm. rollers. Roller application may require 2 coats to achieve recommended dry film thickness.

If applying via airless spray, dilute if required, up to 5% volume **Rust-Oleum Thinner 641**. Pneumatic and electric airless equipment. Tip size: 0.013-0.015 inch. Fluid pressure: 130 - 200 bar.

If applying by air atomised spray, dilute 10-20% volume **Rust-Oleum Thinner 641**. Gravity cup and pressure cup. Tip size: 1.2 - 1.8 mm. Atomizing pressure: 2 - 4 bar.

### Technical Data

- ▶ Density: 1.2 g/cm<sup>3</sup>
- ▶ Corrosion Class: C3 average protection
- ▶ Volume Solids: 44.8%
- ▶ Heat Resistance: 120°C
- ▶ Wet Film Thickness: 80 microns
- ▶ Dry Film Thickness: 35 microns
- ▶ VOC: 500g/l
  
- ▶ Touch Dry: 1 hour at 20°C
- ▶ Dry to Handle: 2 hours at 20°C
- ▶ Overcoatable: After 2 hours at 20°C
- ▶ Fully Cured: 8 days at 20°C

## Coverage

Approx 12.8m<sup>2</sup> per litre. Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

## Clean Up

Clean up tools and equipment immediately after use with **Rust-Oleum Thinner 633** or white spirit.

## Shelf Life

5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

## Packaging

Available in 5 Litres.