

# REDOPOXY PRIMER 700ZR

Epoxy High Protective Zinc Rich Primer

## Description

REDOPOXY 700ZR is two component polyamide cured high zinc contains, zinc rich epoxy primer. It provides very good corrosion protection as part of a complete coating system. To be used as primer in atmospheric environments.

## Benefits

- Combats corrosion & permanent protection to the steel structures
- Superior aesthetical finish and surface appearance
- Recommended as a primer for coating systems where extended durability is required
- Non-Hazardous application process

## Application Area

- Recommended for structural steel, tanks, pipe lines to be exposed to highly corrosive environments in refineries, power plants, bridges, buildings, mining equipment & electrical transformers
- Suitable for industrial marine, coastal & fresh water environments.

## Technical Information

PROPERTIES	RESULTS
Color	Grey
Finish	Matt
Volume Solids (ASTM D 2697)	55 ± 3%
Recommended DFT	30-70μ in single coat
Wet Film Thickness	55-120μ in single coat
Specific Gravity	2.50±0.05
Surface Dry	10 min

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances  
The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc.  
The information provided above is at 30°C and 65% relative humidity

PRIMER

Redwop®

## Direction For Use

- **SURFACE PREPARATION:**

All surfaces to be coated should be clean, absolutely dry and oil or moisture free before painting application. Oil and grease should be removed by solvent cleaning.

- **New steel :**

Abrasive blasting to Sa 2½ (ISO 8501-1:2007). For temporary protection, if required, use a suitable shopprimer. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting.

- **Shop Primed :**

REDOPOXY 700ZR is suitable for application to steelwork freshly coated with zinc silicate shop primers ONLY. If the zinc silicate shop primer shows extensive or widely scattered breakdown, or excessive zinc corrosion, overall sweep blasting is a must. Other than zinc silicate shop primed surfaces are not suitable for overcoating and will require complete removal by abrasive blast cleaning.

- **Application Data :**

Application Method	Spray/ Airless Spray/Brush/ Roller
Mixing Ratio	3 Part (Base) : 1 Part (Hardener)
Pot Life	Eight Hours at 30°C
Thinner and Cleaner	Epoxy Thinner
Airless Nozzle	0.43 - 0.53mm
Orifice Nozzle Pressure	176 kg/cm <sup>2</sup> or 2500 psi

- **Working Precautions:**

Material should not be allowed to remain in pipeline, hoses, gun or spray equipment. Thoroughly flush all equipment with epoxy thinner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages, the work should recommences with freshly mixed units.

- **Maintenance:**

Clean all equipment immediately after use with epoxy thinner. It is good working practice to periodically flush out spray equipment during the course of the working day. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

## Coverage

- REDOPOXY 700ZR will give coverage of 14 sq.mt / lit at recommended DFT of 40 $\mu$

## Supply

- It is supplied in 20 lit set (15 lit base & 3 lit hardener).

## Self-Life

- 1 year from the date of manufacturing. This is solvent based coating and the containers should be kept in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed.

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