

# TechnoGuard™ZR

## Epoxy Zinc-Rich Primer

TECHNOPOL

مقاوم سازی تکنوپل

### PRODUCT DESCRIPTION

TechnoGuard™ZR is a two component, epoxy zinc rich primer with excellent adhesion on shot blasted iron or steel substrates. TechnoGuard™ZR is formulated to provide corrosion protection to steel substrates from many harsh environments.



Buildings  
Structures



Transportation  
Infrastructure



Water &  
Wastewater



Oil, Gas &  
Industrial



Waterfront  
Structures



Industrial  
Facilities

### TECHNICAL DATA

	Unit	TechnoGuardZR
colour	-	Grey
Mixed Ratio	-	100 : 50
Volume Solids Ratio	%	Approx. 38%
Gloss	-	Matt
Recommended DFT / Coat	microns	35 - 50
Induction time	Min	30
Hard Dry at 30°C	Hours	12
Full Cure at 30°C	day	7
Pot Life	Hours	6

### ADVANTAGES

- TechnoGuard™ZR provides positive protection of steel components against corrosion.
- Excellent adhesion to steel substrates.
- Easy to use material.
- Long life primer.
- High load epoxy zinc primer
- Provides excellent galvanic protection
- use on bolted connection faying surfaces
- Excellent undercutting resistance
- Excellent adhesion to hand tool cleaned surfaces

### TYPICAL USES

ZincGuard™ZR epoxy zinc rich primer is a rapid recoat primer that provides excellent corrosion protection and undercutting protection. Excellent for use in industrial, coastal, marine and freshwater environments. May be used on structural steel, steel tanks, offshore platforms, barges refineries, petrochemical plants, power plants, railcars, pulp & paper mills and other areas as recommended. May also

be used to field touch-up inorganic zinc and/or provide galvanic protection for properly prepared steel substrates.

### MIXING

- TechnoGuard™ZR is supplied in two parts as a unit.
- Once the two parts has been mixed, it must be used within the working pot life specified.

### INSTALLATION PROCEDURE

#### APPLICATION

- Brush
- Roller
- Conventional Spray

### HANDLING

Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling mortar to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing/gloves/goggles. Ventilate area. In absence of adequate ventilation, use properly fitted respirator.

### STORAGE

Store in dry, shaded conditions away from sources of heat and ignition



#### FAIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

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