



# ENIPRIME-RZP 427

## EPOXY RED OXIDE ZINC PHOSPHATE PRIMER

### DESCRIPTION

**ENIPRIME-RZP 427** is two-component, red oxide based epoxy primer with very good corrosion resistance in mild to moderately corrosive atmospheric conditions and adhesion to the bare metal and treated surface. It is a suitable primer for almost all the topcoats including polyurethane, epoxy, vinyl, acrylic etc.

### RECOMMENDED USES

- **ENIPRIME-RZP 427** Can be used as a rust preventing primer for steel tanks and other surfaces.
- **ENIPRIME-RZP 427** used as an ideal primer in mild to moderately corrosive marine & industrial atmospheric conditions.
- Used as a primer for M.S. structures in moderate corrosive atmospheric conditions where water resistance is also required. Used in paper industries, Textile industries, distilleries, pharmaceutical companies, fertilizer plants and construction steelworks also

### TECHNICAL DETAILS

Colour	Reddish brown
Finish	Eggshell & matt
Solids by volume	40 ± 3 %
Pot Life	4-6 Hrs
Cure Time	over night (not more than 7 days)
Over coat Interval	12-16 hours
Touch dry time	1-2 hours
Light traffic after	3 days
Full Cure	7 days
Coverage	8-9 Sqmt/Ltr./Coat @

### ADVANTAGES

**ENIPRIME-RZP 427** provides a heavy-duty surface; it is anticorrosive in nature, helps structure to prevent corrosion and abrasion, have very good adhesion with almost all anticorrosive, decorative coatings.

### SURFACE PREPARATION

Clean the surface and remove all the deposits, heavy sanding is recommended for damaged areas of old structures.

### METHOD OF APPLICATION

Mix 4 Parts of Base to 1 Part Hardener (By Volume), Proper cleaning of the metal surface will enhance the life of the coating. Clean & wipe the surface to get freed from dust, rust scale, loose particles and grease. Always paint with small quantity and replace lid after use. Use brush or airless spray. Use safety precautions regarding flammability of solvents & paint.

### STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C.

### PACKING

**ENIPRIME-RZP 427** is available in 20 Liter Pack.

### SAFETY

**ENIPRIME-RZP 427** is safe, non-toxic, and eco-friendly and presents no health hazard. As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

**INHALATION:** Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

**EYE CONTACT:** Flush eyes with water for 15 minutes and call for medical help.

**INGESTION:** causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

**Note:** -All information is given in good faith on the results gained from experience and tests. However all recommendations of suggestion are made without guarantee since we do not have any control on the site conditions and its uses.

Technical Support:



& Polymertech UK Ltd.  
CN-07468396  
United Kingdom

**NOTE:-** We make no warranty either expressed or implied or statutory in this document except as expressly stated in any sale and purchase agreement entered into between the buyer and us. This document is a technical data information sheet. The information given in this sheet is to the best of our knowledge, true and accurate. However buyers are requested to confirm the same in their laboratories as test results may vary between two laboratories due to change in test conditions, purity of chemicals and personal error of chemists. Under the above conditions we are not liable for special, incidental or consequential damage.

**For further assistance kindly mail us :** [support@starcoating.in](mailto:support@starcoating.in)

**Marketed By:**



**Star Coatings & Membranes Pvt. Ltd.**

New Delhi-110025, visit us at : [www.starcoating.in](http://www.starcoating.in), E-mail: [info@starcoating.in](mailto:info@starcoating.in)



(ISO 9001:2000)