



STRUCT GUARD-ZINC PRIMER (Anticorrosive Primer for steel structures)

DESCRIPTION:

STRUCT GUARD-ZINC PRIMER is a two-component epoxy-based primer based on zinc phosphate and red oxide as anti-corrosive pigments applicable with STRUCT GUARD-MIO and STRUCT GUARD-PU TOP. It is designed as a self-priming maintenance primer for steel structures.

It is mainly recommended for structural steel and pipeline in chemical plants.

It has excellent adhesion with steel structures.

PRODUCT INFORMATION

Technical Data:

Base	Epoxy Resin Two components
Gloss	Matt
Mix Proportion	Part A : Part B 4 : 1
Shelf life	1 year in tightly sealed container
Coverage	12-15 sq.mtr/ltr
Pot life at 25 ⁰ c	4hrs
DFT	40-50 microns
Curing Time	24 hrs

DIRECTION OF USE:

SURFACE PREPARATION:

- The surface must be clean and free from contamination. The performance of product depends upon the quality of surface preparation.
- Remove grease, oil, and all other contaminants by solvent cleaning.
- Accumulated dirt and soluble salts can be removed by dry bristle brushing

BLAST CLEANING:

- Blast clean steel to minimum Sa 2.5 grade with a surface profile of 50 - 70 microns.
- The surface should be clean and dry before application of product.
- In case of oxidation of steel surface has occurred between blasting and application, the surface should be re-blasted.
- Ensure new concrete must be cured for minimum 3 month.
- Where blasting is not practical, used wire brushes to remove laitance followed by acid treatment with hydrochloric acid (10%). Remove acid and contaminants with water wash.
- Mix the Primer in the ratio 4:1 and application over the surface is possible by spray as well as brush.

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ADVANTAGES:

- Creates good bond with structural elements
- High mechanical and adhesive strength.

PACKAGING:

PART A	40 kg
PART B	10 kg

STORAGE AND SHELF LIFE:

Store away from direct sunlight 12 months from date of manufacture.

SAFETY PRECAUTIONS:

Wear Hand Gloves and mask during application of product. Avoid contact with the eyes and skin. In case of direct contact and irritation, the resin should be washed off immediately with soap and warm water. Avoid breathing vapors, mist or gas

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