

PENTENS E-10SR

Water-Base Zinc Rich EpoxyPrimer

Product Data Sheet

Description

PENTENS E-10SR Water-Base Zinc-Rich Epoxy Primer is a reactive two-component system, consisting of modified phenol type epoxy resin (A-Comp.) and water-emulsified epoxy resin hardener (B-Comp.).It provide excellent corrosion protection as part of a complete coating system. It is a high solid , high zinc dust containing product.

PENTENS E-10SR is safe to use in sensitive locations and it is environmentally friendly with extremely low V.O.C.(volatile organic carbon).

Uses

- Structural steel and piping expose to a wide range of corrosive atmospheric.
- Offshore environments, refineries, bridges , mining equipment and general structural steel.

Advantages

- Environmentally friendly
- Easy application
- Negligible odor and toxicity
- Excellent adhesion to most substrates.

Technical & Physical Data

Appearance (mixed)	Brown
Specific gravity (mixed)	Approx. 1.2 @ 25 ⁰ C
Pot life	20 minutes @ 25 ⁰ C
Full Cure	5-7 days @ 25 ⁰ C and 50% RH
Storage	Store in a dry cool place
Shelf life	1 year when unopened and undamaged
Packaging	E-10SR-A: 10kg /pail E-10SR-B: 10kg /pail



Disclaimer. All representations and recommendations set forth are given in good faith and to the best of our knowledge. However due to varying conditions and applications, the buyer shall conduct its own tests of this product before use. Under no circumstances will the manufacturer be liable for any loss or damages caused by incorrect usages. The sale of this product shall be on terms and conditions set forth on Pentens order acknowledgement.

Instruction for Use

Surface Preparation

- All surfaces to be treated must be structurally sound and all previous coatings, adhesives, efflorescence or laitance should be removed by chipping, abrasive blast cleaning, high pressure water washing, mechanical scrubbing or other suitable means.

Mixing

- Each component should be individually mixed to form homogeneous components prior to mixing.
- Only mix as much as may be used within the pot life of the product and avoid excessive aeration during mixing.
- Discard any material which has exceeded the pot life or working time of the product.

Placing

- Spread the material using a roller, brush or spray method to at the approximate rate of 0.2~0.4kg/m² achieve a smooth coverage and finish.
- Wait 24 hours to cure then apply topping.

Safety

On contact, **PENTENS E-10SR** may cause irritation. Gloves and protective goggles must be worn during application and use. Avoid contact with skin, eyes and avoid breathing in vapor. Wear protective gloves when mixing or using. If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do not induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly for a minimum of 15 minutes and see a doctor.

Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to **PENTENS** technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible **PENTENS** representative for approval before commencing the work.