

## POLYALK FIXOPRIME

### Rust Passivator

#### DESCRIPTION

**POLYALK FIXOPRIME** is a highly alkaline, polymeric, elastomeric formulation specially designed to protect steel from corrosion by passivation mechanism.

#### USES

- Passivation of exposed steel in repairs to structural members.
- Coating of reinforcement bars in new R.C.C. structures.
- Steel-pipeline, structures, bridges, arches, etc. especially in marine environment.
- H. T. wires / cables / strands etc. in prestressing job.

#### ADVANTAGES

- One-pack system. Can be mixed with cement easily forming a highly alkaline co-matrix.
- High alkalinity of cement reinforced by high alkalinity, high flexural strength and extra adhesion due to specially engineered polymers in **POLYALK FIXOPRIME**, gives long term protection against corrosion to steel.
- Treatment can be carried out at site. Coated bars do not suffer bond loss when embedded in concrete unlike epoxy coated bars which are known to suffer substantial bond loss.

#### INSTRUCTIONS FOR USE

- Clean the steel surface by a stiff wire-brush to remove loosely held rust particles/ scales.
- Apply **RUSTICIDE** with cotton waste swab as per specification.
- Mix 1 Kg **POLYALK FIXOPRIME** with 1 to 1.25 kg fresh cement to form lump free consistent slurry using a mechanical mixer.
- Apply this slurry to the steel surface by a brush taking care to avoid pinholes.
- Allow this coat to set for a minimum of six hours ( or preferably till next day)
- Apply a second coat of the slurry and allow this coat to set. Take definite precautions to avoid pinholes. Ensure that no area is left uncovered.

#### COVERAGE

Approx. 8 to 10 m<sup>2</sup> / Kg / coat on smooth structural steel surface.

#### CONFORMANCE

**BS 5896-1980, I.S. 2074/1962** – salt spray test for long hours. **I.S. 9077 –1979** (reaffirmed –1997) Appendix B. Clause 5.3.3 for application procedure.

#### PRECAUTIONS

- Do not add any water. Prepare as much slurry as can be used within 30 minutes.
- Non-toxic, any contact with skin must be washed off immediately with water.

- Wear protective goggles, gloves, etc. during preparation and application of slurry.

#### **PACKING**

1, 5, 20 ltrs. HDPE containers.

#### **STORAGE AND SHELF LIFE**

It has a shelf life of 12 months when stored in original container in a cool, dry place.

#### **HAZARDS IDENTIFICATION**

Health hazards: No particular hazard known. If the product spills on to the skin and dries up, some irritation may occur.

#### **FIRST AID MEASURES**

Skin contact: Immediately wash thoroughly with soap and water.

Inhalation: Remove to open air. Seek medical attention.

Contact with eyes: Immediately wash under running water with eyelids open for at least 15 minutes. Seek medical attention.

Ingestion: Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

#### **ACCIDENTAL RELEASE MEASURES**

Environment Care: Clean small spillages immediately with water. Contain large spillages with suitable absorbent materials. Dispose the waste water/absorbent material in accordance with local regulations.

#### **QUALITY ASSURANCE**

All products are manufactured under a Quality Management System for Design, Manufacturing and Selling of Construction Chemicals as per the standards of ISO 9001: 2000.

#### **DISCLAIMER**

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. Sunanda Speciality Coatings Pvt. Ltd. (SSCPL) cannot give any guarantees under any circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, SSCPL has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection therewith.