



FARCO TEK EP40

Anticorrosive Primer Based on Epoxy

Product Description

FARCOTEK EP40 is a two component, high performance epoxy based primer which is modified with anti corrosion compositions for indoor and outdoor applications. The applied primer sets after a short time and is recoat able with top coats such as: E-COAT 45, E-COAT80, Acrylic or Polyurethane.

Uses

As a primer for steel structures, such as:

- Steel surfaces of bridges
- Refineries, petrochemicals and power plants
- Marine areas

Advantages

- Pre-weight components
- Good abrasion and chemical resistance
- Long pot life
- High adhesion to prepared steel surfaces
- Anti corrosion properties

Technical Information

color	Red
Nonvolatile (% by weight) ASTM D2369	65±2%
Specific Gravity(kg/l) A+B, ASTM D1475	1.45±0.03
Mixing ratio(by weight)	3:1
Tack free,65µm DFT@25 °c	2 hours Max
Pull off ASTM D4541	>25
Salt Spray ASTM B117, 65 µm DFT	>500 hours

Method of Use

Surface Preparation

The steel surface must be clean, dry and free from all contamination (e.g. oil, grease, fats, chemicals, rust and paint).

Clean the surface by wire brushing or sand blasting. It is recommended to use one of the following methods for surface preparation: SSPC-SP6 NACE 3, ISO 8501-1, BS 7079: A1

Mixing

- The component A (Base) should be stirred and whilst continuing stirring component B (Activator) should be slowly added. Continue stirring until a homogenous mix is obtained.
- Mix only enough to be used within the recommended pot life. Materials nearing the end of their pot life MUST NOT be mixed with freshly mixed coating.
- Improper mixing or disregard to the mixing ratio, result in ineffective curing or low quality coating.
- After mixing leave the mixture for 30 minutes at 25 °c or 15 minutes at 35 °c, and then dilute it with epoxy solvent if necessary up to 10%.

Application

- Do not apply when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew point.
- Minimum temperature for application is 10°C and maximum 45 °c.
- Use ventilation in confined areas, when mixing or applying.
- EP40 can be applied by brush or roller.
- Apply the top coat, Min: 4hours and Max: 72 hours at 25 °c. If the ambient temperature or surface temperature is higher, reduce the Max recoating time to 24 hours or less.

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· If the Max recoating time is passed, roughen the primer surface for improving the adhesion between layers.

· The recommended Dry Film Thickness is 65µm.

Cleaning

Uncured material may be cleaned from application tools, etc. by using thinner. Cured material can only be removed mechanically.

Coverage

9.5-10.5 m²/l according to the recommended thickness and surface condition.

Packaging

FARCOTEK EP 40 is supplied in:

A: 3kg, B: 1 kg pails.

Shelf life and Storage

EP 40 primer has a shelf life of 12 months if kept in a dry store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.

Safety and Handling Precaution

Avoid contact with the skin, eyes and avoid breathing its vapor. Wear protective gloves.

Technical Service

The SHIMISAKHTEMAN Technical Service Department is available to assist you in the field and correct use of our products.



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