



TARA PAINTS & CHEMICALS

(An ISO 9001:2015 Certified Company)

A - 423 / 14, Mahagujarat Industrial Estate, Sarkhej - Bavla Road, Lane Behind Satyam Arcade,
Village : Moraiya, Ahmedabad - 382 210, Gujarat (India)

Tel: (F): +91 8000011774, E-mail: taralac@hotmail.com , taralac@taralac.com Website: www.taralac.com

0212-0213 Epoxy Zcp Primer

General Description:

TARALAC EPOXY ZCP PRIMER is a solvent based, two-component surface tolerant epoxy system containing of an epoxy resin and polyamide hardener.

Major Uses:

TARALAC EPOXY ZCP PRIMER is specially formulated to give excellent coating for steel structures, concrete and ideal for application for commercial, industrial and chemical plants. It gives its best performance on blast cleaned surface.

Advantages:

- Chemical and abrasion resistant.
- Flexible and waterproof.
- Gives corrosion resistant to steel.
- Non – toxic when fully cured.

Characteristics and Physical Properties:

Colour	Iron Oxide Red / Grey / Yellow / White
Mixing Ratio	3: 1
Volume Solids	59% ± 5
Pot Life	@ 30°C 3-4 hr.
Dry film thickness	50 microns.
Flash Point	28°C.
Wt/Lt	1.40 kg/lt

Drying Time:

Touch Dry	1 – 3 hrs at 25 C
Hard dry	12 hrs – 16 hrs at 25 C
Fully Cured	5 Days.
Shelf Life	1 year.
Coverage	10 – 12 m ² / lit.

Surface Preparation:

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

Abrasive Blast Cleaning

For immersion service, Taralac Epoxy Red oxide must be applied to surfaces blast cleaned to Sa2½ (ISO 8501-1:2007) or SSPC-SP10. However, for atmospheric exposure Primer may be applied to surfaces prepared to a minimum of Sa2½ (ISO 8501-1:2007) or SSPC-SP6. Surface defects revealed by the blast cleaning process should be ground, filled, or treated in the appropriate manner.



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Ultra High Pressure Hydro blasting / (non-immersed service only)

May be applied to surfaces prepared to Sa2 (ISO 8501-1:2007) or SSPC-SP6 which have flash rusted to no worse than Grade HB2M (refer to International hydro blasting Standards).

Tie Coat Applications (see Product Characteristics)

In the case of zinc primers, where necessary, remove weld spatter, smooth weld seams and sharp edges and blast clean welds and damaged primer to Sa2½ (ISO 8501-1:2007) or SSPC-SP6. The shop primer or other primer surface should be dry and free of all contamination (oil, grease, salt etc) and over coated with Epoxy Red oxide Primer within the over coating intervals specified for the primer (consult the relevant product data sheet). Ensure that the zinc primer has fully cured and is clean, dry and free from zinc salts prior to over coating

Mixing and Application:

Mix component A and B at specified ratio ensuring they are complete homogenous. After thoroughly mix, allow the mixture to stand for 5 – 15 minutes. Apply either by brush, roller or airless spray gun. Method of Application: By brush, roller airless and Conventional Spray

Spray Data

Conventional Spray

Nozzle Orifice	2 – 3mm.
Nozzle Pressure	43 – 57 psi
Dilution	25 – 30 %
Thinner	Taralac Epoxy Thinner

Airless Spray

Nozzle Orifice	0.38 – 0.46 mm
Nozzle Pressure	1138 - 1710 psi
Dilution	10 - 15%
Thinner	Taralac Epoxy Thinner

Typical Recommended System:

Steel

BASECOAT	2 COATS
TOPCOAT	1 COAT.

Concrete

EPOXY PRIMER	1 COATS
TOPCOAT	2 COATS

Chemical Resistance:

Hydrochloric Acid	- Very Good.
Nitric Acid, 10%	- Good.
Acetic Acid, 5%	- Good.
Sulphuric Acid, 20%	- Good.
Phosphoric Acid, 20%	- Good.
Lactic Acid, 20%	- Good.
Sodium hydroxide, 50%	- Very Good.
Petrol	- Very Good.
Alcohol	- Very Good.
Ketones	- Good.

Storage:

Keep resin and hardener in a cool place below 25oC. Keep the container tightly closed. Shelf life of 12 months from date of manufacturing.



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Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Epoxy Thinner as soon as possible.

Physiological Hazards:

Keep Resin and Hardener away from eyes and skin contact. Good ventilation should be provided particularly in closed work areas. Keep uncured epoxy materials away from the mouth, food or drink, do not use empty tins to store food and do not empty cans into drains. Always wear gloves and safety materials when handling this product. Clean any splashes or smears from the skin immediately, using warm water and soap. Avoid inhaling vapor.

Mention below the Epoxy Zcp Primer Shades:-

0212 Epoxy Zcp Primer Red Oxide / Grey
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0213 Epoxy Zcp Primer Yellow

