

**Product Description**

La BarCote ZP is a low viscosity, two component zinc rich epoxy primer. It is used specifically as a primer coat for optimum galvanic protection to exposed metal & steel reinforcement where surrounding atmosphere is highly corrosive. The product effectively resists corrosion from the galvanic couplers formed between the zinc coating and the metal substrate

**Uses**

La BarCote ZP is recommended for priming exposed steel reinforcement for use concrete along with La Greens repair mortars. It is also uses a prime coat over a top protective coat for other steel structures. The product actively resists corrosion within the confines of the repair location and avoids the generation of incipient anodes in immediately adjacent locations.

**Advantages**

- High corrosion-inhibitor, zinc-rich system provides galvanic protection by electro-chemical means
- Low viscosity, easy to mix and apply by conventional sprayer. Can be applied in dry or sunlight damp condition Excellent chemical and abrasion resistance.
- Excellent adhesion. High bond strength in cementitious repairs
- Compatible with La Greens Mortars and Microconcrete

**Technical Properties**

Colour	Zinc Grey	
Pigment	Metallic Zinc Dust	
Mix Ratio	Pack A: Pack B = 78:22 (w/w)	
Solids	80%	
Service Temperature	10°C – 40°C	
Relative Density (at 300C ± 30C)	1.78 Kg / Ltr	
Pot Life	45 ± 10 minutes	
Dry Film Thickness	40 Microns	
Corrosion Resistance	Excellent	
Abrasion Resistance	Very Good	
Adhesion to steel surface	Excellent	
Drying Time*	25°C	35°C
Touch Dry	45 min.	30 min.
Re-coatable	60 min.	45 min.
Full Dry	75 min.	60 min.

**Application Instructions**

**Surface Preparation**

Blast cleaning to Sa 2½ according to EN ISO 12944, part 4. Free from dirt, oil and grease. Chemical rust remover may also be use for cleaning the rusted steel surfaces. Where corrosion has occurred due to the presence of chlorides, the steel should be high-pressure washed with clean water immediately after grit-blasting to remove corrosion products from pits and imperfections within its surface.

**Mixing**

Mix 5 part Pack A (Base) with 1 part Pack B (Hardener) for 2–3 minutes with spatula, drill or paddle until a homogeneous mixture is obtained. A slow speed paddle fitted with heavy duty drill is ideal for mixing. Pack A & B are pre-weighted and should be used in full quantity to avoid errors in mixing ratio.

## Application

La BarCote ZP must be applied after mixing as early as possible to a dry surface of metal by suitable brush or roller. Steel surfaces should be coated immediately after surface preparation. Normally single unbroken coat is sufficient to protect the surface from environmental attacks. However, a second coat shall further ensure the same, which may be applied after 45 – 60 mts. For cementitious repair, joining old to new concrete, work should be started immediately on drying of La BarCote ZP coating.

For spray application, site trials must be conducted for selection of suitable tip of gun and it may require dilution with solvent, e.g. Xylene for thinning of material. However, dilution should be kept at minimum to avoid settling of zinc in the fluid resulting in uneven distribution of zinc in applied film.

## Shelf Life

If stored in original unopened containers under above mentioned conditions, shall have a shelf life of 9 months. If stored at high temperature or highly humid conditions the shelf life may get reduced.

## Package

Available in 1 (Base 0.78 L & Hardener 0.22L) & 4 Litre Pack

## Health & Safety

Inflammable. Smoking is prohibited during handling of product. Keep away from any source of ignition. Ensure proper ventilation and inhalation of vapours should be avoided. Use air circulator in a badly ventilated / confined area. Direct contact with skin should be avoided. Hence, suitable gloves and goggles are recommended. In case of direct contact with naked skin, remove the material immediately with soap and lukewarm water or a suitable remover. In case of accidental eye contamination, rinse several times with clean water and immediately contact ophthalmologist.

**Important: La Greens India Pvt. Ltd.**, products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, **La Greens India** does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



Smart Solutions for Sustainable Construction

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