

Product Description

Techno 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

Techno BarCote ZP is recommended for priming exposed steel reinforcement for use concrete along with Technokem repair mortars. It is also used as 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 Technokem Mortars and Microconcrete



Properties

Colour	Zinc Grey	
Pigment	Metallic Zinc Dust	
Mix Ratio	Pack A: Pack B = 100:20 (w/w)	
Solids	80%	
Service Temperature	10 °C – 40°C	
Relative Density (at 30oC ± 3oC)	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 Methodology

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 used 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.