

Conductive Primer

Two Components, Solvent-Free Epoxy Primer for ESD System

Description	It is a two-components, solvent-free epoxy primer designed for use in conjunction with ESD system top coats for areas requiring a conductive coating system. It complies with ANSI 20.20 ESD S 7.1 / ASTM F -150
Where to use	As a conductive primer for ESD system (Conductive or dissipative)
Advantages	• Solvent – Free. • Easy to apply. • High conductive (103 - 105 ohms). • No odor. • Good adhesive.
Properties	
Density	1.5 ±0.2 gm/cm ³
Color	Black
Form	Liquid
Pot life @ 23 °C	1 hrs.
Drying time @ 23 °C	24 hrs.
Adhesion strength	2.5 MPa
Surface resistance	10 ³ - 10 ⁵ Ohm
Static charge decay	Dissipates charge to zero in < 0.4 seconds
Surface Preparation	• All surfaces must be sound, clean and dry. • Remove all grease, curing, laitance and other contaminations. • Surface preparation by mechanical means as scarifying, shot blasting to accomplish (CSP 3-4) and surface profile 50 - 75 microns.
Mixing	• Add part (B) to Part (A) carefully. • Mix with a low speed mixer for 2-3 minutes.
Application	• Apply immediately after mixing over primed concrete surface. • Pour the mixed epoxy on the floor. • Evenly spread the material using a squeegee. • Finally finish the primer with a nap roller as evenly as possible. • The copper tapes used for grounding are fixed to the cured primed surface. • Test the primer for point to point and conductance.

Cleaning	Clean tools and equipment immediately after use with Prosolve .
Theoretical Coverage	0.25 - 0.3 Kg/m ²
Packaging	5 & 10 Kg for two components (A&B).
Shelf life & storage	12 months if stored in unopened containers in cool, dry condition.
Health and Safety	This product is of low toxicity but normal precautions should be observed. Wear gloves, and if working overhead or spraying, wear goggles. Wash off any skin splashes with soap and water. Irrigating the eye with an eye bathing solution should treat eye contamination. Ensure adequate ventilation in confined spaces and use breathing aids. If ingested, drink milk or water and seek medical attention.
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structures. PROKEM designs tailor made products should there be a critical application that requires specific properties rather than our main range. For our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current terms of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after sales support to assist users in the proper handling of our products.