



Top Floor 900 C

Solvent-Free Conductive Primer

Product Description

Top Floor 900 C is a two-component, solvent-free conductive epoxy primer designed to provide excellent adhesion and electrical continuity for anti-static and conductive flooring systems. It ensures reliable grounding when used beneath self-leveling epoxy or polyurethane topcoats.

Product uses:

The product is designed to be used with anti-static epoxy systems

Properties

- Solvent-free formulation – low VOC, environmentally friendly.
- High adhesion to concrete substrates.
- Provides conductive base layer for anti-static flooring.
- Easy application by roller or squeegee.
- Fast curing and excellent penetration into porous surfaces.

<u>TECHNICAL PROPERTIES</u>	
Appearance/Color	Black / Silk Gloss
Density:	~1.35 kg/ltr
Volume solids %:	≥98 %
Theoretical spreading rate:	10 m ² /ltr / 7.4 m ² /kg (100 micron DFT)
Recommended DFT: (Dry Film thickness)	75 -100 micron
Flash point:	120 ° C. /248°F
Electrical Resistance	< 10 ⁶ Ω (IEC 61340)
Open time	30-40 min. (23°C and 50% R.H.)
Surface dry:	2-3 approx. hour(s) 23°C/73.4°F 50% R.H.
Light foot traffic	12-18 hours (23°C and 50% R.H.)
Full cure time:	7 days (23°C and 50 % R.H.)
Adhesion force (concrete):	2,5 N/mm ²
Application temperature:	+8 °C/46.4° F and +35 °C/ 95°F
Min. cure temperature:	+10°C/50°F



Application Details

Mixing Ratio: Component A: 2 – Component B: 1 (By weight)
Application method: Brush – Roll – Airless Spray – Metal Trowel - Squeegee
Thinner: Do Not Thin The Product

Surface Preparation:

- Surface must be dry, clean and free of all contamination such as dirt, oil, grease, and coatings etc. which hinder adhesion.
- Surface must be firm and have enough strength. If in doubt, apply a test area before beginning.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- All dust, loose and friable particles should be removed from the surface before application with brush and/or vacuum cleaner.
- Grinding by diamond disk should take over the place and all the dust must be removed by vacuum machine.
- All the cracks must be repaired by epoxy filler or epoxy mortar.
- A and B components should be thoroughly mixed for 3-4 minutes in order to achieve a homogenous mix using a low speed electric stirrer or other suitable equipment until a homogenous mixture has been achieved. After mixing, primer is ready for application.

PRECEDING COAT:

Nothing

Shelf life & Storage:

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Mixing:

Before mixing with the curing agent, stir the base thoroughly in order to prevent any possible settling after storage. After mixing it is equally important to maintain stirring to keep the wet paint as a Homogeneous mixture.

Legal Notice:

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