

Epoxy

TONCRETE

Solvent Free Epoxy Floor Paint

**General Properties:**

- **TONCRETE** is two-component colored solvent free epoxy paint, used for floor painting.
- Its hardener is a mixture of a cyclo - aliphatic polyamine & reactive polyamide.
- Suitable flexibility and good hiding power.
- Good durability against abrasion and friction.
- Can be supplied in different colors.

Uses:

As paint for cement substrata exposed to traffic e.g. receiving areas, service areas, stairs, machinery rooms, stores, industries area, etc.

Substrate:

The required properties for concrete floor to accept epoxy layer:

- Reinforced concrete or screed with stress not less than 200 Kg/cm²
- The substrate must be sound, free of any cement peel or cracks.

Application:

1. Clean the substrate & remove, oil, grease or any foreign materials.
2. Remove any weak or separated layers in the substrate.
3. Wear gloves & eye goggles before working & be sure of good ventilation.
4. Apply the suitable primer **EPICHOR 101P, EPICHOR 701P, EPICHOR SP220 or EPICHOR MC.** depending on the state of substrate.
5. Prepare the surface if required with epoxy paste, recommended **EPASTE.**
6. Add **TONCRETE** resin to hardener in a suitable container and mix well.
7. Using a brush or woolen roller, paint the substrate with **TONCRETE** within a period that should not exceed 30 min. after mixing.
8. Clean tools using solvent ex.: Thinner.
9. A second coat can be applied next day.

Note: The second coat must be applied within 5 days of application of the first coat, otherwise sanding or priming should take place.

Technical Data:

Initial Curing Time	: After 24 hours of mixing.
Final Curing Time	: After 7 days at ambient temperature.
Pot Life	: 30 min. at 24°C.
Bond Strength	: 9 N / mm ² to mild steel.
Barcol Hardness	: 81 (Model GYZJ 935).
Abrasion Loss	: 12.0 mg / 2000 cycles.
Consumption	: 1 kg covers 4 m ² / one coat.
Chemical Resistance	: Excellent resistance against water, alkalis, inorganic acids; poor against ketones and Glycol. Nitric acid oxidizes colors.
Shelf Life	: 18 months in closed container and away from sunlight, heat and humidity.

- Environment:**
- Boots, rubber gloves, dust masks, and safety goggles.
 - Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

For more information please contact our technical department

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