



Dr. Fixit Cipoxy 16D

2K PRIMER FOR PU TOPPINGS

Description

Dr. Fixit Cipoxy 16D is a two component, epoxy resin based primer suitable for application over damp concrete surfaces. It is composed of resin, hardener & additives. It is an excellent primer for PU, Polyurea, Hybrid Polyurea kind of systems.

Typical Application

- Dry concrete surface with less than 5% moisture.

Features

- **Ease of application** : Easy to mix & apply by brush.
- **Penetration** : Low viscosity penetrates into concrete surfaces.
- **Blistering** : Does not blister on curing.
- **Water vapour permeation** : Water vapour permeable.
- **Saving** : Ideal for shutdown or fast turnaround flooring projects.
- **Resistance** : Good resistance to mineral & organic acids, alkalies & solutions.
- Most suitable epoxy primer for PU & Polyurea top coats.

Packing

5 kg (Part - A : 2.650, Part - B : 2.350)

Method of Application

The quality & performance of final coating is dependent on the substrate & material / application temperature. Do not apply below 5°C and above 35°C.

1 SURFACE PREPARATION

- Remove laitance, dirt & unsound plaster or concrete, paints, oil, grease. Curing compounds, corrosion deposits & algae etc
- Roughen the surface by any mechanical means like wire brushing, sand or grit blasting increases bonding.
- Clean the surface by vacuum or water washing. Allow the surface to dry excess water
- The strength of the concrete substrate should be atleast 25 MPa at 28 days in compression.

2 MIXING

- The base & hardener components should be mixed separately in their individual packs.
- The entire content of the Part-B (hardener) should be poured into the Part-A (base) & thoroughly mixed using a slow speed stirrer / drill with mixing paddle for 2-3 minutes. The sides of the tin should then be scraped & mixing should continue for further 2 minutes.

3 APPLICATION

- Dr. Fixit Cipoxy 16D is designed with an application time for floor coating of 24 hours at 20°C, 12 hours at 35°C & 5-6 hours at 45°C.
- After mixing apply by brush or roller to the prepared surface.

4 CLEANING

- All tools & tackles are to be cleaned immediately after application with industrial grade solvents like Xylene, toluene, Acetone or thinner and followed by soap water solution.

Precautions & Limitations

- Application temperature range is 5°C to 35°C
- Do not dilute with any solvent or thinner
- Do not apply very thick coat
- Not recommended for under water repairs



Technical Information

PROPERTIES	RESULTS
Mixing ratio, (Part-A: Part-B) pbwt	2.65 : 2.35
Pot Life @30°C, Minutes	60 - 80
Tack free time @30°C, Hours	6-8
Over coating time @30°C, Hours	10 - 12
Hard dry time @30°C, Hours	24
Pull off adhesion, Mpa	>2

Theoretical Coverage

5 - 6 sq. meters per kg per coat

* Coverage depends upon surface profile of the substrate.

Shelf Life

Shelf life is 24 months from date of manufacturing. Store in cool & dry place in unopened condition

Health & Safety

- **Skin Contact :** Wash skin with soap & water. remove contaminated clothes. See medical attention if irritation persists. Do not use solvent.
- **Eye Contact:** immediately flush eyes with plenty of water for at least 15 minutes. eyelids should be held away from the eyeball to ensure thorough rinsing. consult Physician if irritation persist.
- **Inhalation:** move the subject to fresh air. if breathing is difficult or not breathing, give artificial respiration. obtain medical attention.
- **Ingestion:** Do not induce vomiting. never give anything by mouth to an unconscious person. call a Physician.
- **Note To Physician:** There is no specific antidote. Treatment should be given symptomatically on the clinical conditions.
- **Fire Extinguishing Media:** Both materials are combustible. Use foam, Dry chemical Powder or CO₂ to extinguish the fire.
- **Thermal Decomposition Product:** These products may be toxic. may yield acrid smoke and irritating gases with oxides of carbon and other toxic vapours.
- **Special Fire Fighting Procedure:** it is advisable to use self contained breathing apparatus or equivalent [mSha/ nioSh - approved] with full protective clothing.
- **Unusual Fire And Explosion Hazards:** Use water spray to cool the containers. material can form explosive mixture with air in hot condition.



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