

Cipoxy 19

Floor toppings

Cipoxy 19 is a **solventless, two component, epoxy system** recommended as cost effective primer for floor coatings.

Properties:

- Excellent adhesion to concrete and other cementitious substrates.
- Excellent bond to epoxy and PU top coats
- Excellent penetrating properties.

Application areas:

- Cipoxy 19 is used as primer, screed & sealer coat in conjunction with Cipoxy / Cipothane range of floor toppings.

Direction to use as primer :

- Before primer application, CDS (Clean, Dry & Sound) test is conducted on the concrete.
- Moisture test is conducted by moisture meter or plastic sheet method (ASTM D4263 : Standard test method for indicating moisture in concrete). The residual moisture should not be more than 4-5%
- Surface preparation like scarification, grinding or shot blasting is done to achieve a surface profile of 150-200 microns.

As primer:

- Mix Cipoxy 19 resin and Cipoxy 19 hardener in equal proportions by volume. Agitate the mixture for 10 minutes. Apply by roller / brush. Allow to cure for 7-8 hours. The primed surface is now ready to receive screed / top coat.

As screed :

- Ensure that the primer coat is tack free dried. Mix Cipoxy 19 resin and Cipoxy 19 hardner in equal proportions by volume. Agitate the mixture for 10 minutes. Mix FQ Sand in the recommended proportion. Apply by trowel. Allow to cure for 7-8 hours.

Typical physical properties:

Type	Epoxy-polyamide
Mixing ratio(R:H)	1:1 by volume
Volume Solids	100 %
Colour	Pale brown clear liquid
Finish	Clear gloss
Flash point	Above 100 ^o C
Pot life	25 - 30 minutes
Surface dry	3-4 hours
Tack free dry	8 hours
Hard dry	24 hours
Theoretical Coverage	5 sq.m per litre @ 200 microns thickness
Clean up	PUT 502
Shelf life	12 months in the unopened container.