

Cipoxy 12

Cipoxy 12 is a **solvented, two component epoxy based primer** recommended for concrete and masonry substrates.

Properties:

- Excellent adhesion to concrete & other cementitious substrates.
- Excellent penetrating properties.
- Very low viscous.
- Excellent bond to epoxy and EPU top coats.
- Faster curing than Cipoxy 11.

Application areas:

- Cipoxy 12 is used as primer coat in conjunction with Cipoxy / Cipothane range of floor toppings.

Direction to use:

- 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 12 resin and Cipoxy 12 hardener in equal proportions by volume. Agitate the mixture for 10 minutes. Apply by roller / brush. Allow to cure for 5-6 hours. The primed surface is now ready to receive screed / top coat.

Typical physical properties:

Type	Epoxy-polyamide
Mixing ratio(R:H)	1:1 by volume
Volume solids	61 ± 2
Colour	Pale brown clear liquid
Finish	Glossy
Flash point	Above 29° C
Pot life	60 - 90 minutes
Surface dry	3-4 hours
Tack free dry	8 hours
Hard dry	24 hours
Theoretical Coverage	10-11 sq.m per litre @ 50 microns
Clean up	PUT 502
Shelf life	12 months in the unopened container.