

# Cipoxy 15

Floor toppings

**Cipoxy 15** is a **solventless, low viscous, two component epoxy system** recommended for concrete and masonry substrates. It can be used as primer as well as self levelling screed without the aid of primer.

### Properties:

- Excellent adhesion to concrete and other cementitious substrates.
- Very low viscous
- Excellent penetrating properties
- Excellent bond to epoxy screed and top coats.

### Application areas:

- Cipoxy 15 is used as primer, self levelling screed & sealer 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 15 resin & Cipoxy 15 hardener in 2 : 1 ratio by volume. Agitate the mixture for 5 to 10 minutes. Apply by roller / brush. Allow to cure for 5-6 hours. The primed surface is now ready to take up screed coat.

### As Screed / Sealer:

- Mix Cipoxy 15 resin and Cipoxy 15 hardner in 2 : 1 ratio by volume. Mix formulated aggregates like FQ Sand 75, 200, 250 or 300 in recommended ratio as per the screed thickness. Agitate the mixture for 10 minutes. Apply by trowel. Allow to cure for 7-8 hours. The screed surface is now ready to take up sealer / top coat.

### Typical Physical properties:

Type	Epoxy-polyamidoamine
Mixing ratio(R:H)	2:1 by volume
% Solids	100 %
Colour	Transparent
Finish	Clear gloss
Flash point	Above 100 <sup>o</sup> C
Pot life	45 - 50 minutes at 30 <sup>o</sup> C
Surface dry	3-4 hours
Tack free dry	8 hours
Hard dry	24 hours
Theoretical Coverage for primer coat	5 sqm per litre @ 200 microns thickness
Clean up	PUT 502
Shelf life	12 months in the unopened container.