

Cipothane 100

Cipothane 100 is a **solventless, low viscous, two component EPU system** recommended as primer, intermediate & sealer coats for floor topping systems.

Properties:

- Excellent adhesion.
- Excellent penetrating properties.
- Excellent bond to epoxy and PU top coats.
- Very low viscous

Application areas:

- It is recommended as primer / screed/ sealer for Cipoxy, Cipothane and Floorkote range of floortoppings.

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 Cipothane 100 resin and Cipothane 100 hardener in 2:1 ratio by volume. Agitate for 10 minutes. Apply by roller. Allow to cure for 5-6 hours.

As screed / sealer:

- Ensure that the primer coat is cured. Mix Cipothane 100 resin and Cipothane 100 hardner in 2:1 ratio by volume. Mix FQ sand in the recommended proportion. Agitate the mixture for 5 to 10 minutes. Apply by leveler. Allow to cure for 5-6 hours.

Typical physical properties:

Type	E.P.U. (Epoxy-urethane)
Mixing ratio(R:H)	2:1 by volume
Volume Solids	100 %
Colour	Any colour shade
Finish	Smooth glossy
Flash point	Above 100° C
Pot life	45 - 50 minutes at 30° C
Surface dry	3-4 hours
Tack free dry	8 hours
Hard dry	24 hours
Theoretical Coverage as primer	5 sqm per litre @ 200 microns thickness
Clean up	PUT 502
Shelf life	12 months in the unopened container.