

Cipthane 100 W

Cipthane 100W is a **single component, moisture curing urethane elastomeric membrane** for water proofing applications. Cipthane 100W is white in colour, but does not contain any tar / bitumen. Cipthane 100W cures to a tough, white coloured film with exceptional elasticity, which allows for expansion and contraction over a wide range of temperatures. Cipthane 100W provides complete, seamless, water proofing membrane, free from joints replacing asphalt systems and self adhesive asphalt membranes. Cipthane 100W is simple to apply by brush, or roller without addition of any thinner. It can be applied in multi coats to achieve higher DFT of around 1mm - 1.5mm.

Applications:

- Waterproofing applications between slabs, such as parking decks, roof decks.
- Water proofing of concrete roofs.
- Water proofing of exterior walls or foundations and basements.
- Water proofing of swimming pools.

Application:

- The concrete surface must be smooth, dry, firm and free of voids. Concrete should be cured for a minimum of 28 days.
- Primer : Mix 3 parts of Cipthane 100W and one part of PUT 503 by volume and apply as a primer. Allow to dry for 2-3 hours
- Apply Cipthane 100W by brush or roller @ wet film thickness of 500 microns / coat.
- Allow to cure for 6-7 hours and then reapply.
- Individual coat should not be more than 500 microns.
- Curing: The curing of Cipthane 100W, being moisture curing, depends on the relative humidity prevailing in the atmosphere. When the RH falls below 50%, the curing will be very slow.

Typical physical properties:

Type	Aromatic, MCU
Colour	White
Solids %	80-85%
Elongation	400 - 500%
Low temperature flexibility	Excellent
Crack binding ability	Excellent
Shore D Hardness	60 - 65
Theoretical Coverage	850 microns / litre / sq.mt.
Cleaning	PUT 502
Shelf life	6 months in unopened container