

Cipoxy AQ

Floor toppings

Cipoxy AQ is a **waterborne, permeable, two-component epoxy based primer** recommended for concrete and masonry substrates. It has excellent adhesion to concrete and other cementitious substrates.

Properties:

- Breathable
- Water thinnable.
- Food grade and no odour.
- No bubbling and no blisters.
- Can be applied on slightly damp surfaces.

Application areas:

- Pharma & food processing floors.
- Clean room floors & walls.
- Seeping walls & floors.
- Areas where water table is high and where the floors and walls are suspected of residual moisture.
- Walls & floors of closed rooms.

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.
- Pour 1 part of Cipoxy AQ resin into the mixing container. Add ½ part of Cipoxy AQ hardener. Mix well for 5 minutes. Add the remaining quantity of hardener. Mix well. Add a very little quantity of water (total quantity of water needed is 1-1.5 part) and mix vigorously. Add slowly the remaining quantity of water. Apply by roller and allow to dry. The surface now ready to receive screed / topcoat.

Typical Physical properties:

Type	Waterborne epoxy and polyamine
Mixing ratio	1 : 1 by volume
Colour	Clear Pale Yellow
Finish	Smooth glossy
Flash point	Above 100 ° C
Pot life	45 to 60 minutes at 30° C
Surface dry	1 - 2 hours
Tack free dry	7 - 8 hours
Hard dry	24 hours
Theoretical Coverage	10- 12 sqm. / litre @ 50 microns
Application method	Roller / brush
Clean up	Water
Shelf life	12 months in the unopened container.