

Aquoxy 60

Water-borne epoxy primer

Description

A waterborne, permeable, two-component system consisting of an epoxy resin and a waterborne cyclo-aliphatic amine curing agent, Aquoxy 60 is recommended as a roll-on primer for concrete. It has excellent adhesion to concrete and other cementitious substrates. It cures to a semi glossy film having moderate abrasion resistance.

Uses

- Used as primer of Cipoxy Mettalic.
- Areas where solvent odour is a major concern

Key features

- Breathable
- Water thinnable
- Food grade and no odour
- Eco-friendly
- Can be applied on damp surfaces

Properties

Type	: Water-borne epoxy polyamine
Mixing ratio (R:H)	: 2.5 : 1 by volume
Finish	: Smooth glossy
Colour	: White / Black
Pot life @ 27°C	
ASTM D 2471	: ≥ 60 min
Solids %	
ASTM D 2369	: ≥ 65%
Recommended WFT	
ASTM D 4414	: 90 microns
Recommended DFT	
ASTM D 7091	: 50 microns
Drying time	
ASTM D 1640	
Surface dry	: ≥ 1 hrs
Tack free dry	: ≥ 7 hrs
Hard dry	: ≥ 24 hrs
Theoretical coverage	: 11 – 12 sq m / litre / coat @ 50 microns
Application	: By brush / roller

Recommended thinner

Clean up	: PUT 502
Shelf life	: 12 months in the un-opened container

Performance data

Tensile strength	
ASTM D 638	: ≥ 16 MPa
Elongation	
ASTM D 638	: ≥ 15%

Directions to use

Ensure that the surface to be coated is clean, dry and properly primed. Mix 2.5 parts of resin with 1 part of hardener. Stir well to get a whitish solution. Add 1-2 parts of water. Apply by roller / brush and allow to dry. Apply 2 coats with a coating interval of 2-3 hours.

Packaging

Aquoxy 60 is available in 5 and 20 litre packs and has a maximum shelf life of 12 months in the un-opened containers.

Storage and handling

The product should be stored in accordance with national regulations. It should be kept in a cool, well ventilated area, away from heat, direct sunlight, sparks and children. Handle with care. Mix resin and hardener as per the ratio. Use the mix solution within the pot life time.

Health and safety precautions

Please refer to MSDS. Observe reasonable care and employ ordinary hygienic principles such as washing the hands with soap and

water before eating or smoking. It is recommended to wear gloves, goggles and nose masks while application. In case of splashes on the skin, dampen the cloth with water and wipe the hands with the cloth. Wash then with soap and water. Dried film is non toxic.

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Incase of contact with eyes, rinse with plenty of water and seek medical advice. Incase of continuous exposure to vapour, the applicator should be immediately moved to get fresh air.

The disposal of excess or waste material should be carried out in accordance with the local legislations.

Disclaimer

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Ref.: CPPL/05-19/0076



Cipy Polyurethanes Pvt Ltd

T-127, MIDC, Bhosari, Pune - 411 026

Tel. +91-20-66316400 / Fax : +91-20-66316460

Email : info@cipypolyurethane.com

