

RESIDENTIAL
& COMMERCIAL

INDUSTRIAL
& MARINE

ART
& CRAFT

SHIMICOAT
SURFACE SOLUTIONS



AQUAthane Clear

Water-based Polyurethane

Coverage

5-10sqm/Lt Per Coat
Recommended Two Coats

5Lt Drum Covers 25-50sqm Per Coat (Need Two Coats)
10Lt Drum Covers 50-100sqm Per Coat (Need Two Coats)
20Lt Drum Covers 100-200sqm Per Coat (Need Two Coats)

Applications

Roller, Brush or Spray

Use Neat, add water ONLY if necessary and feels too thick, especially in cold days of winter.

Apply multilayers of thin coats for best results.

Basecoat:

Apply AQUAthane Concrete Sealer using a roller or broom at a rate of 5-10sqm/L. Leave to cure for approximately 1 hour or until touch dry.

Topcoat:

Apply AQUAthane Concrete Sealer using a roller or broom at a rate of 5-10sqm/L. Leave to cure for approximately 1 hour or until touch dry.

Curing Time at 25°C

Touch Dry: 3 Hours (Depending on temperature, air flow and humidity)
Recoat: 4-6 Hours or Over Night (Min 4 Hours at 25°C)
Foot Traffic: 16 Hours
Heavy Traffic: 72 Hours

Clean Up

Clean-Up with water soon after completion of coating

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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Preparations

All surfaces should be structurally sound and all previous coatings, adhesives, efflorescence or laitance should be removed by mechanical grinding, abrasive blast cleaning, high pressure water blasting, scrubbing or other suitable means.

Clean and dry surface. Ensure surface to be coated is free of all dirt, grease, oil, paint, curing agents and other contaminants. Removal of Oil Contamination by degreaser and alkaline cleaning pressure wash

Acid-wash to enhanced surface porosity and etch the surface. Use Hydrochloric Acid by 10 times dilution to remove stubborn stains, oil and grease and other surface materials.

Detergent wash to ensure the area is well rinsed down and all acid residues removed.

The surface must be free of moisture at the time of application. Ensure moisture free surface. Allow to completely dry, run Dry Test. Place a piece of plastic over a small area, tape the edges and leave for 1 hour. Remove plastic, if there is no moisture on either surface, concrete is sufficiently dry.



Ideally, always consider surface grinding and removal of loose materials. Grinding is always advisable prior to application of all Shimicoat Epoxy products, to maximize adhesion.

Holes, crack lines, surface damages shall be fixed using SHIMICOAT Prior to Coat Procedures and Epoxy Crack Repair Kit.

For further information, please refer to SHIMICOAT Instruction for "Surface Preparations".

Storage

The products shall be stored out of direct sunlight and heat at all times. The shelf life of the product is 24 months, mix uniformly for 3 minutes prior to use.

DISCLAIMER

Material Safety Data Sheet, Technical and Environmental Data Sheet can be provided upon request.

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The customer is not released from the obligation to conduct careful inspection and testing of supplied goods.