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**SHIMICOAT**  
SURFACE SOLUTIONS



## Swimming Pool Epoxy

### *An Installation Guide*

Following is a step-by-step guide to install Swimming Pool Epoxy using SHIMICOAT Products and Materials over concrete, tile, fiberglass or metal surfaces.

#### Products and Materials

1. Epoxy Repair Kit
2. Basecoat Epoxy "Swimming Pool Epoxy in your choice of colour"
3. Diluent / Thinner

**NOTE:** Keep all products inside in cool area prior to coating. Apply to surface when cool, ideally early morning.

#### Tools:

1. Electric mixer or stick for mixing resin
2. Mixing Bucket
3. Brush and Rollers
4. Extendable Handle / Pole
5. Vacuum or blower to clean up the surface

### Installation:

#### Surface Preparations:

1. Prepare the floor by concrete grinding, sanding and removal of surface materials. If grinding or sanding machine is not practical or unavailable, use other physical means to remove previous paint and loose surface materials.
2. Use Epoxy Repair kit as required to fill any cracks, holes or damages on the surface.
3. Ensure the surface is perfectly clean and free of oil and grease. If grinder is unavailable, acid wash and make sure you wash, rinse and flush with detergent to neutralize the surface and remove all acid residue.
4. Vacuum and/or blow out to remove dust from the surface.
5. Tape all around the walls and cover all surfaces that you wish NOT to be epoxy coated.

**NOTE:** For further information on surface preparation, please refer to our brochure, website or contact Shimicoat technical representative.

#### Basecoat Application:

1. Mix basecoat epoxy in small portion that you can manage to apply. Premium Tinted Epoxy has a maximum of 40min Pot Lift, plan to complete your application within 30minutes allowing a few minutes for unexpected situations.



 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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2. Ideally, we recommend mix 3Lt of Part A and 1Lt of Part B (4Lt blend) for one or two people working on a small double garage floor.
3. Starting from the top to bottom, apply the basecoat epoxy to walls, corners, edges first then the main floor.
4. Let it cure. 2-3 hours for Fast Floor, 8-12 hours for normal curing epoxy. In cold climate, it may take up to 20hours to cure.

**NOTE:** Add Epoxy Diluent or Xylene up to 10% to thin the product, only if required and especially for the first coat.

**NOTE:** *Keep all products inside in cool area prior to coating. Apply to surface when cool, ideally early morning. Once A&B mixed, pour onto the surface, DO NOT allow sitting in mixing container while rolling as it may resonate heat generation and cure faster.*

**Main-Coat Application:**

Repeat basecoat application without any diluent or thinner (neat).

**Topcoat Clear UVthane PLUS Application:**

1. Once the surface is coated by Swimming Pool Epoxy in your choice of colour, commence Clear UVthane PLUS Topcoat application.
2. Mix Part A with Part B in accordance to label instruction. Use ONLY UVthane PLUS or Acrylic Sealer. UVthaen PLUS shall be mixed at 3.6A:1B, meaning 3.6Lt of A to be added into 1Lt of Part B.
3. Now you are on the clock, half an hour to complete coating application.

**NOTE:** DO NOT keep in bucket, empty onto the surface to cool down to avoid overheating.

4. Apply to the surface using a roller or brush, depending on the size of your surface. Use brush/baby roller to coat over the edges and corners.
5. You can use your roller to go over the surface again just gently over the entire surface to maintain uniformity of the finish surface.
6. Let it cure overnight (8-20 hours depending on temperature).
7. Feel free to apply another clear topcoat UVthane PLUS over the surface.

**NOTE:** Add Epoxy Diluent or Xylene up to 5% to thin the product, only if required and only for the first coat. During winter, you may need more thinner/diluent to reduce product viscosity, for ease of application.

For further advise, please refer to our website or contact technical team of SHIMICOAT.

End of Procedure

**DISCLAIMER**

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

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