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SHIMICOAT
SURFACE SOLUTIONS



Premium Tinted Epoxy

An Installation Guide

Following is a step-by-step guide to install Tinted Epoxy Floor Finishing System using SHIMICOAT Products and Materials over concrete, tile, wood or metal surfaces.

Products and Materials

- Epoxy Repair Kit
- Basecoat Epoxy "Tinted Epoxy in your choice of colour"
- Diluent / Thinner

Tools:

- Electric mixer or stick for mixing resin
- Brush and Rollers
- Extendable Handle / Pole
- Vacuum or blower to clean up the surface



Installation:

Surface Preparations:

1. Prepare the floor by concrete grinding and removal of 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. Tinted Epoxy has a maximum of 40min Pot Life, plan to complete your application within 30minutes allowing a few minutes for unexpected situations.
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. Apply the basecoat epoxy to corners, edges first then the main floor.
4. Let it cure. 2-3 hours for Fast Floor, 8-12 hours for normal curing epoxy.

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



MATERIALS



CHEMICALS



RESINS



EQUIPMENT

Main Coat Application:

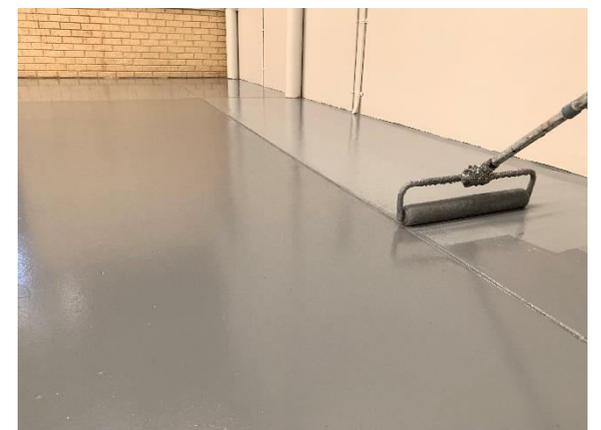
Repeat basecoat application without any diluent or thinner (neat).

Clear UVthane Topcoat:

1. Test to ensure Epoxy Coatings are fully cured by twisting your thumb on the surface. It should feel solid and dry with strong bonding of epoxy to the surface.
2. Mix your Clear Topcoat Resin in accordance to label instruction and pour onto the surface. UVthane or UVthane PLUS is mixed in 3.6A:1B by volume. Once mixed:

NOTE: Now you are on the clock, DO NOT waste time, initiate application. You must be prepared for application. One person applies the corners and edges using baby-roller or a brush and another person apply to the main floor. If you are slow, pour the resin on the floor, to slow down the curing process. Apply and roll evenly.

3. The pot life of UVthane and UVthane PLUS Resins are 15min, plan your work to be completed well within 10min. Empty the bucket onto your surface to cool down and save yourself more time for application.
4. Ideally, mix 2-4Lt at a time.
5. When, you are happy with the topcoat, put on Spike Shoes and take the masking tapes off the walls as it will be too hard to take off when cured.
6. Clear the floor, wipe and clean all your tools.
7. Let it cure over-night (6-8 hours). The floor is cured after 16 hours, trafficable and you can use the floor, however, NO driving or stretching furniture over the floor for one week. Treat it with care, especially during the first few days of curing process.
8. It takes seven days till the Epoxy reaches its optimal hardness and strength. Epoxy gets harder and harder everyday of its life.



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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