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SHIMICOAT
SURFACE SOLUTIONS



Tinted Polyaspartic

An Installation Guide

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

Products and Materials

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

Tools:

- Electric mixer or stick for missing 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 Polyaspartic 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 Polyaspartic coated.

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

Basecoat Application (Tinted):

1. Mix basecoat Tinted Polyaspartic in small portion that you can manage to apply. Tinted Polyaspartic has a maximum of 15min Pot Lift, plan to complete your application within 15minuts allowing a few minutes for unexpected situations.
2. Ideally, we recommend mix 1.5Lt of Part A and 1Lt of Part B (2.5Lt blend) for one or two people working on a small double garage floor.
3. Apply the basecoat Polyaspartic to corners, edges first then the main floor. Let it cure (4 hours).

NOTE: Add Polyaspartic Diluent or Xylene up to 5% to thin the product, only if required and especially for the first coat.

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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Main Coat Application:

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

Ultra-Clear Polyaspartic Topcoat:

1. Test to ensure basecoat Polyaspartic Coating is fully cured by twisting your thumb on the surface. It should feel solid and dry with strong bonding of Polyaspartic to the surface.
2. Mix your Clear Topcoat Resin in accordance to the label instruction and pour onto the surface. Polyaspartic is mixed in 1.5A: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 mini-roller or a brush and another person apply to the main floor. If you are slow, pour the resin on the floor, to keep cool and slow down the curing process. Apply evenly, using squeegee, roll or brush.

3. The pot life of Polyaspartic Resins are 15min, plan your work to be completed well within 15min. Empty the bucket onto your surface to cool down and save yourself more time for application.
4. Ideally, mix 2.5Lt 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 4 hours, trafficable and you can use the floor, however, NO driving or stretching furniture over the floor for one day. Treat it with care, especially during the first day of curing process.
8. It takes one day till the Polyaspartic reaches its optimal hardness and strength.



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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