

RESIDENTIAL
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INDUSTRIAL
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SHIMICOAT
SURFACE SOLUTIONS



Direction

Glitters can be used as part of many surface finishing systems such as Full or Light Broadcast Epoxy Glitter System in many applications. It can be incorporated into Flake, Metallic, Glow in Dark as well as in Art and Craft applications. Glitters can also be used in conjunction with Glow-in-Dark (sunlight rechargeable) and other decorative materials.

Glitter Epoxy Countertop

An Installation Guide

Glitters can be used as part of many finishing systems such as Pure Glitter System. Following is a step by step guide to install Epoxy Glitter, using Shimicoat Products and Materials over Laminate, concrete, wood and metal surfaces.

Products and Materials

- Epoxy Repair Kit
- Basecoat Epoxy "Premium Tinted Epoxy in your choice of colour"
- Glitter in your choice of colour and design
- Ultra Clear Epoxy Topcoat (Indoor), UV Resistant Topcoat (Outdoor)
- Diluent / Thinner

Tools:

- Electric mixer or stick for missing resin
- Brush and Rollers
- Hair dryer or hot gun to perfect the surface



NOTE: The mix procedures below are indicative guidelines/suggested proportions only. Adjustments can be made based on your personal preference/application. Always use a test piece first.

Surface Preparations:

- Prepare the surface by sanding and removal of surface materials.
- Use Epoxy Repair kit as required to fill any cracks, holes or damages on the surface (if required).
- Ensure the surface is perfectly clean and free of oil and grease.
- Vacuum and/or blow out to remove dust from the surface.
- 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.

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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Basecoat Application:

1. Mix basecoat epoxy. Premium Tinted Epoxy has a maximum of 40min Pot Lift, plan to complete your application within 30 minutes allowing a few minutes for unexpected situations.
2. Apply the basecoat epoxy to corners, edges first then the main surface.
3. Let it cure overnight 8-16 hours depending on temperature.

NOTE: Add Epoxy Diluent or Xylene up to 10% to thin the product, only if required for example in cold days and too viscous to apply.

Pour-On Epoxy Glitter Application:

1. When the surface is cured and touch-dried, plan to apply Glitter Topcoat.
2. Add Sparkling Glitter into your resin (Part A) at a rate of 10% (100g/Lt).
3. If you are having two or more contrast effects, take out some small quantity of resin and prepare the colours accordingly.
4. When ready, add the correct quantity of Hardener / Curing Agent into the Glitter treated resin (Part A).

NOTE: Now you are on the clock, DO NOT waste time, initiate application. You must be prepared for application. Apply the corners and edges using baby-roller or a brush, then the main surface. Pour the resin on the countertop, and use a notched squeegee, brush or a similar tool plus baby roller to spread-out the resin over the entire surface. Calculate to apply up to 1L per sqm.

5. Use your roller to go over the entire surface till you are happy with its appearance.
6. Clear the surface, wipe and clean all your tools.
7. You can use hot gun (hot air blower) or other devices to go over the surface and burst any bubbles forming. If you are using Xylene or any flammable liquid DO NOT apply any naked flame or hot air over the surface.
8. When application is complete and you are happy with the appearance of the finished surface, let it cure for a minimum of 8 hours, ideally overnight 16 hours.
9. No heavy objects or stretching appliances over the surface for 1 week. Treat it with care, especially during the first few days.
10. It may take a week or more till the Epoxy reaches its optimal hardness and strength.

NOTE: *Finished surface can vary greatly depending on method of application, skills of applicators and quantity of the glitters used.*

For further advise, please refer to our website or contact one of SHIMICOAT sales and technical representatives.

Helpful Hints

- Ensure surface to be coated is dry, moisture can cause blooming and delamination.
- Pot life is approximately 45 minutes, work within 30min to ensure easy flow application.
- Use steady long strokes and avoid overworking the roller or pushing your roller too quickly as this may trap air bubbles in the coating.
- New concrete should be allowed to cure fully (at least 28days) before application.
- Keep the pail sealed when not in use. Avoid application on hot surfaces.

Drying Times

Premium Tinted Epoxy PT105 cures in 8-16 hours at 25°C. High temperatures and windy conditions may speed the curing time. High temperatures and windy conditions may speed the curing time. Keep heavy objects off the final coat for 7 days. Full hardness is achieved after 7 days.

Temp °C	Pot Life (min)	Surface Dry (Hours)	Initial Cure (Hours)	Recoat Time (Hours)	Fully Cured (Days)
10°C	45	12	24	24	7 Days
20°C	40	10	18	18	7 Days
30°C	35	8	16	16	7 Days



WARNING

- Avoid heavy objects till completely cured (7 Days).

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.

End of Procedure

DISCLAIMER

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

The information provided in this document is guidance only and considering the uses of this product are beyond the seller's control, the product is sold without guarantees or warranties. Warranties and guarantees shall be governed by SHIMICOAT Standard Terms of Sale. The purchaser shall make its own tests to determine the suitability for their specific application, and Shimicoat Pty Ltd is taking no responsibility for misuse of the product. The purchaser assumes all risk of use and handling of this product. This product will be happily replaced or credited back if defective. Beyond this, Shimicoat Pty Ltd is not liable for any damages caused by this product or its use.

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