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SHIMICOAT
SURFACE SOLUTIONS

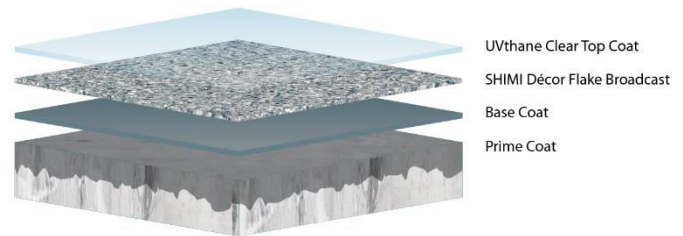


Description

Benchtop Epoxy Glitter is a complete kit containing Epoxy and Coating Materials for multi-layer coating with glitter decorative finish in your choice of colour. The kit system contains:

1. Base Coat Epoxy
2. Glitter in your choice of colour
3. Ultra Clear Epoxy Topcoat

Please refer to SHIMICOAT colour brochures for your décor matching selection



Kit Sizes

Kit Size (sqm)

5 sqm Kit

Kit Includes

Commercial Grade Epoxy Glitter is a Complete Kit containing:

- | | | |
|---------------|--------------------------------------|---------|
| 1. Base Coat: | Premium Tinted Epoxy in many colours | 2Lt Kit |
| 2. Glitter: | Glitters in many colours | 200mL |
| 3. Topcoat: | Ultra Clear Epoxy Topcoat | 3Lt Kit |

Colour Chart – Base Coat

Prime Coat and Base Coat Colours

Standard Colours:

- | | | |
|--------------------|------------------|-------------------|
| ▪ White N14 | ▪ Dark Grey N64 | ▪ Bright Blue B23 |
| ▪ Black N61 | ▪ Cream Y34 | ▪ Dark Brown X65 |
| ▪ Neutral Grey N23 | ▪ Terracotta R52 | |

SHIMICOAT offers all Australian Standard AS2700 Colours, consisting of 206 colours.

Please contact SHIMICOAT office for your custom design tint. Extra charges may apply.

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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Colour Chart – Glitters

- Arabian Gold
- Bloody Burgundy
- Brilliant Blue
- Sparkling Green
- Floral Green
- Organic Orange
- Fine Gold
- Smoking Silver
- Rainbow White
- Inspiring Yellow
- Paradise Pink

Glitters

Add Up to 10% into Clear Epoxy (100mL/Lt). Dosage may increase or decrease to your desired effect
Glitters can be applied in two finishing types:

Full Broadcast: Apply 1Lt/sqm using squeegee followed by back rolling

Light Broadcast: Apply 1Lt/10sqm using roller

Glitter Usage: 10-100mL/sqm depending on Glitter density requirements.

Coverage

Each kit covers 5sqm countertop.

Please consider extra kit of Premium Tinted Epoxy (2Lt) for substandard and damaged countertop surfaces.

Applications

Roller, Brush or Squeegee.

Dry Time at 25°C

Parameter	Premium Tinted Epoxy (Basecoat)	Ultra Clear Epoxy (Topcoat)
Pot Life:	45 minutes at 25°C	45 minutes at 25°C
Tack Free:	2-3 hours	2-3 hours
Thin Film Set:	8 Hours (Minimum) Depending on temperature and humidity	8 Hours (Minimum) Depending on temperature and humidity
Dry Cured:	12-24 hours – Foot Traffic (depending on temperature and humidity)	12-24 hours – Foot Traffic (depending on temperature and humidity)
Fully Cured:	7 days (Vehicle Traffic)	7 days (Vehicle Traffic)
Re-Coat:	Overnight (16Hours)	Overnight (16Hours)

Clean Up

Thinner & Diluent (Blend of Solvents).

Preparations

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. Ensure moisture free surface. Allow to completely dry, run Dry Test. Place a piece of plastic over area, tape the edges and leave for 24 hours. Remove the plastic and 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 a Shimicoat product, to maximize adhesion.

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

Components of the Kit

Basecoat Premium Tinted Epoxy:

Premium Tinted Epoxy 105PT is an industrial grade epoxy coating material for high performance. The product has various applications due to its excellent mechanical, chemical, electrical and adhesion properties to most substrates.

Two components (A & B) comes in tinted, 100% solid epoxy used as basecoat, primer or tinted finish surface, with chemical resistance and durability, ideal for variety of surface coating systems. Premium Tinted Epoxy 105PT is a high-quality solvent-less, odorless two component coating system for concrete surfaces such as driveways, pathways, workshops and warehouses providing a tough clear film, high gloss and wet look to protect surface from stains, spills and wear. Premium Tinted Epoxy 105PT has been developed specifically for Australian conditions using the latest epoxy technology. It provides excellent protection against weathering conditions and the splash and spillage of a wide range of chemicals. Premium Tinted Epoxy 105PT provides a highly durable, chalk resistant, wear and chemical resistance surface. High quality epoxy coating system in many colours that is solvent free when used as coating or binder. The product can be tinted in all Australian Standard Colours. The surface may be laid as a thin film using roller applicator. The thickness of the coating can be reduced by addition of Diluent. Modern, hygienic, functional and economical surface.

Glitters

Glitters are teeny, tiny bits of pretty plastic pieces and classified as Micro Plastic. Glitters are made of copolymer plastic or aluminum foil used in many cosmetic products, coating materials and graphic artworks. Environmentally benign and completely degradable. SHIMICOAT Glitters are Solvent Resistant, colour-fast and durable, ideal for commercial applications.

SHIMICOAT Glitters can be used in many surfaces such as Glitter benchtop, table and desks (Full or Light Broadcast). They can also be incorporated in Flake, Metallic as well as Art and Craft applications. Glitters can also be used in conjunction with Glow-in-Dark (sunlight rechargeable) and other decorative materials. Selected features of SHIMICOAT Glitters:

- Widely used in epoxy, acrylic and many other resins
- Pearlescent pigments are also used in paint, printing ink, cosmetic, nail polish and auto paint
- No harmful to human body
- Quality pearl pigments are easily dispersible into transparent paint, printing ink or nail polish
- Required dosage of only 1%-2%
- Rapidly disperses into your liquid system
- Easy roll, brush or pour-on application
- Hardwearing and low maintenance



MATERIALS



CHEMICALS



RESINS



EQUIPMENT

Ultra Clear Topcoat Epoxy:

Ultra Clear EPOXY UC100 is an industrial grade epoxy coating material for high performance surfaces. The product has various applications due to its excellent mechanical, chemical, electrical and adhesion properties to most substrates.

Two components (A & B) comes in clear 100% solid epoxy used as clear topcoat with chemical resistance and durability, ideal for variety of surface coating systems. Ultra Clear EPOXY UC100 is a high-quality solvent-less, odorless two component coating system for variety of surfaces such as wood, metal, laminae, concrete and stone benchtop, providing a tough clear film, high gloss and wet look to protect surface from stains, spills and wear. Ultra Clear EPOXY UC100 has been developed specifically for Australian conditions using the latest epoxy technology. It provides excellent protection against weathering conditions and the splash and spillage of a wide range of chemicals. Ultra Clear EPOXY UC100 provides a highly durable, chalk resistant, wear and chemical resistance surface for benchtop surfaces. High quality topcoat epoxy coating system that is solvent free when used as a clear unpigmented coating or binder. The product can be tinted in all Australian Standard Colours. The surface may be laid as a thin film using roller applicator. The thickness of the coating can be reduced by addition of Diluent. Modern, hygienic, functional and economical surface.

Specifications

Physical & Chemical properties of Glitters

Colour	Available in many colours, see Glitters Colours
Materials	Micro colourful plastic pieces, Decorative Materials
Packing Density	0.5Kg/Lt
Solubility in Water	Insoluble
Solubility in Resin/Solvent	Insoluble

Specific resistance properties of SHIMICOAT Glitters, in harsh chemicals.

Media	Reagent	Rating
Acids	Hydrochloric Acid	A
	Sulphuric Acid	A
	Acetic Acid	A
	Nitric Acid (10% max)	A
	Phosphoric Acid (25% max)	A
Alkalis	Sodium Hydroxide	A
	Ammonium Hydroxide	A
	Potassium Hydroxide	A
	Sodium Hypochlorite (Bleach)	A
Solvents	Xylene	A
	Methyl Ethyl Ketone (MEK)	A
	Diesel	A
	Ethanol	A
	Acetone	A
	Kerosene	A
	Petrol	A
	Wine & Beer	A

Code	Resistance	Description
A	Excellent	Suitable for Long term immersion
B	Good	Suitable for Short-term immersion (Max 3 days)
C	Caution	Very short contact time is OK, spill and splash
D	Danger	Not Recommended

Indicative reference only. Tested in laboratory conditions at 25°C.

Resistance properties of SHIMICOAT Glitters in various media:

Heat Resistant	<70°C – Melt at high Temp	Alkalis	Resist Short term immersion in all alkalis.
Solvents	Highly resistant to most hydrocarbon solvents and alcohols.	Salts & Brines	Resist continuous or long-term immersion in all Salts & Brine systems.
Acids	Resist splash and spills in all acids.	Water	Excellent resist to continuous or long term immersion in fresh & Salt Water.



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.





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).

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NOTE: Now you are on the clock, DO NOT waste time, initiate application immediately. Surfaces to be prepared for application. Apply the corners and edges using baby-roller or a brush, then 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.

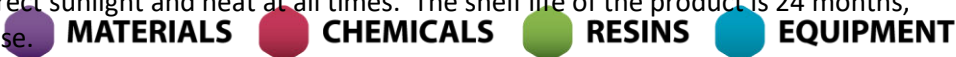
Temp °C	Pot Life (min)	Surface Dry (Hours)	Initial Cure (Hours)	Recoat Time (Hours)	Fully Cured (Days)
10°C	45	12	24	24	7 Days
20°C	40	10	18	18	7 Days
30°C	35	8	16	16	7 Days

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.





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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.

This information and all further technical advice are based on our present knowledge and experience.

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



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