

RESIDENTIAL  
& COMMERCIAL

INDUSTRIAL  
& MARINE

ART  
& CRAFT

**SHIMICOAT**  
SURFACE SOLUTIONS



# Premium Tinted Epoxy

## Kit Sizes

Kit Sizes (Vol)	Mix Ratios
2Lt	3A:1B (1.5Lt A + 0.5Lt B)
4Lt	3A:1B (3Lt A + 1Lt B)
8Lt	3A:1B (6Lt A + 2Lt B)
12Lt	3A:1B (9Lt A + 3Lt B)
16Lt	3A:1B (12Lt A + 4Lt B)
20Lt	3A:1B (15Lt A + 5Lt B)

## Description

Premium Tinted Epoxy PT105 is an industrial grade epoxy coating material for high performance floors. 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 floor coating systems. Premium Tinted Epoxy PT105 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 PT105 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 PT105 provides a highly durable, chalk resistant, wear and chemical resistance surface for concrete floors. High quality epoxy floor 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. Tinted Epoxy coating has specially developed to be incorporated with non-slip materials and a large number of decorative materials to provide your desired floor finishing system, with functionality and style. The surface may be laid as a thin film using roller applicator. The thickness of the coating can be reduced by addition of Diluent. Aggregates may be added to the surface (while wet) to create a non-slip flooring finish.

### Typical Applications

- Workshops
- Warehouses
- Swimming Pools
- Pharmaceutical Industries
- Amenity Blocks
- Food Processing Plants
- Dairy Industries
- Loading Docks
- Laundry Facilities
- Bakeries and Food Outlets
- Steelwork Coating
- Garage and Carparks



**MATERIALS**



**CHEMICALS**



**RESINS**



**EQUIPMENT**

## Features

Premium Tinted Epoxy PT105 is supplied in two pack kit, Part A (Resin) and Part B (Curative or Hardener). Other parts such as pigment, flakes, decorative and non-slip materials can be supplied separately. Selected features of Tinted Epoxy Premium 105TP:

- Modern, Hygiene, Functional and Economical.
- Heavy duty clear or pigmented coating for concrete and polished concrete floors.
- Highly resistant to chemical attack and pedestrian or vehicular traffic.
- Can be used in conjunction with graded aggregates to produce durable decorative floor finishes.
- Long lasting and easily maintained with good resistance to a wide range of domestic and commercial chemicals.
- Solvent free when used as a clear unpigmented coating or binder.
- Outstanding water resistance.
- Seamless, easy to clean and maintain.
- Suitable for Flake Flooring systems, see SHIMI FLAKE flooring system.
- Superior Chemical Resistant Finished surface
- Excellent UV stability
- Solvent Free (Unless you apply Diluent for thickness control)
- Engineered formulation for trafficable area with high mechanical strength
- DIY Friendly, easy to apply and curable over a wide range of temperature
- Available with a wide range of Flakes for decorative concrete
- Ideally compatible for Non-Slip Flooring System.
- Modern, hygienic, functional and economical.

## Coverage

1L covers approximately 5sqm per coat (200micron thickness), depend on the conditions of the surface. First coat usually consumes more and the second coat less.

## Colour Chart

Standard Colours:

- White N14
- Black N61
- Neutral Grey N23
- Dark Grey N64
- Cream Y34
- Charcoal B64
- Terracotta R52
- Bright Blue B23
- Dark Brown X65

SHIMICOAT offers all Australian Standard AS2700 Colours, consisting of 206 colours. Please contact SHIMICOAT office for your custom design tint. Extra charges may apply.

## Applications

Roller, Brush or Squeegee.

## Dry Time at 25°C

<b>Pot Life:</b>	45 minutes at 25°C
<b>Tack Free:</b>	2-3 hours
<b>Thin Film Set:</b>	8 Hours (Min, depending on temperature and humidity)
<b>Dry Cured:</b>	12-24 hours – Foot Traffic (depending on temperature and humidity)
<b>Fully Cured:</b>	7 days (Vehicle Traffic)
<b>Re-Coat:</b>	Over night