

RESIDENTIAL  
& COMMERCIAL

INDUSTRIAL  
& MARINE

ART  
& CRAFT

**SHIMICOAT**  
SURFACE SOLUTIONS



# Fast Cure Clear Epoxy

## Kit Sizes

| Kit Size (Lt) | Mix Ratio                |
|---------------|--------------------------|
| 1.25Lt        | 4A:1B (1Lt A + 0.25Lt B) |
| 2.5Lt         | 4A:1B (2Lt A + 0.5Lt B)  |
| 5Lt           | 4A:1B (4Lt A + 1Lt B)    |
| 12.5Lt        | 4A:1B (10Lt A + 2.5Lt B) |
| 25Lt          | 4A:1B (20Lt A + 5Lt B)   |

## Description

Fast Cure Clear Epoxy FC115 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 clear 100% solid epoxy used as clear topcoat with chemical resistance and durability, ideal for variety of floor coating systems. Fast Cure Clear Epoxy FC115 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. Fast Cure Clear Epoxy FC115 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. Fast Cure Clear Epoxy FC115 provides a highly durable, chalk resistant, wear and chemical resistance surface for concrete floors. High quality topcoat epoxy floor coating system that is solvent free when used as a clear un-pigmented coating or binder. This coating has specially developed to be incorporated with non-slip materials and a large number of decorative materials to provide a 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 blend to create a non-slip flooring finish. Fast Cure Clear Epoxy FC115 has a high yellowing tendency, especially under the sun and UV ray, the surface yellow soon. Use it ONLY if fast cure properties are highly desirable, and yellowing effect is acceptable, otherwise; use Ultra Clear Epoxy UC100 with longer cure time. We recommend using Ultra Clear Epoxy (normal cure time) as your first option due its certain desirable properties. However, if you need to "Back to Service" fast and quick, Fast Cure Clear Epoxy is highly desirable with 2-3hours cure time. Modern, hygienic, functional and economical surface.



**MATERIALS**



**CHEMICALS**



**RESINS**



**EQUIPMENT**

Ph: (08) 9364 7446 | [info@shimi.com.au](mailto:info@shimi.com.au) | ABN: 28 622 871 283 | [www.shimi.com.au](http://www.shimi.com.au)

## Features

Fast Cure Clear Epoxy FC115 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 Ultra Clear EPOXY 100UC:

- Modern, Hygiene, Functional and Economical.
- Ideal for fast floors, cures in 2 Hours at 25°C.
- 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.

## Coverage

1L covers approximately 5sqm per coat, depend on the conditions of the surface.

First coat usually consumes more. Use of EPODIL (Epoxy Diluent / Thinner) is recommend, up to 10%.

## Applications

Roller, Brush or Squeegee.

The product is a Fast Cure and you only have 15min per mix to apply. Mix in small portions to avoid overheating.

Fast Cure Clear Epoxy FC115 is a high yellow epoxy product. It is not recommended for under the sun surfaces as it tends to yellow.

The product is a Fast Cure and heat up if remains in pot for more than 10min. Once mixed, apply/pour on surface as soon as you can and allow to cool down, while rolling, brushing or squeegeeing. Epoxies curing process is exothermic and, while in pot, they cure faster. Slow down the curing process by pouring on the surface and out of the Pot.

If Fast Cure properties are highly desirable, use Fast Cure Clear Epoxy FC115, otherwise, use Ultra Clear Epoxy UC100 which is normal cure.

## Dry Time at 25°C

|                |  |
|----------------|--|
| Pot Life:      | 10 minutes at 25°C   |
| Tack Free:     | 45min  |
| Thin Film Set: | 1 Hours (Min, depending on temperature and humidity)             |
| Dry Cured:     | 2-3 hours – Foot Traffic (depending on temperature and humidity) |
| Fully Cured:   | 7 days (Vehicle Traffic)   |
| Re-Coat:       | 4 Hours  |