

RESIDENTIAL
& COMMERCIAL

INDUSTRIAL
& MARINE

ART
& CRAFT

SHIMICOAT
SURFACE SOLUTIONS



Fiberglass Clear Epoxy

Kit Sizes

Kit Sizes (Vol)	Mix Ratios
750mL	2A:1B (0.5Lt A + 0.25Lt B)
1.5L	2A:1B (1Lt A + 0.5Lt B)
3L	2A:1B (2Lt A + 1Lt B)
6L	2A:1B (4Lt A + 2Lt B)
15L	2A:1B (10Lt A + 5Lt B)
30L	2A:1B (20Lt A + 10Lt B)

Description

Fiberglass Epoxy is especially formulated for ideal bonding to fiberglass and forming a permanent matrix. The product is an industrial grade epoxy coating material for high performance and functionality. Widely used in marine industries for surface repair, filling, boat hulls and structures with superior moisture barrier properties. Fibreglass Epoxy is a premium laminating two pack epoxy resin with low/medium viscosity and easy to apply. The product has many other applications due to its excellent mechanical, chemical, electrical and adhesion properties to most substrates such as concrete, timber, stone, laminate, glass, aluminum and other metal surfaces. Fiberglass Epoxy can be modified with fillers such as wood powder, colloidal silica fume, silica sand and super ceramic to be used as patch & repair compound for filling, leveling and fairing compound with outstanding results.

Two components (A & B) comes in clear 100% solid epoxy used as clear topcoat with chemical resistance and durability, ideal for variety of coating applications. Fiberglass Epoxy is a high-quality solvent-less, odorless two component coating system for variety of fiberglass materials with different porosity and surface finish. Fiberglass Epoxy 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.

Fiberglass Epoxy provides a highly durable, chalk resistant, wear and chemical resistance surface. High quality topcoat epoxy surface coating system that is solvent free when used as a clear un-pigmented coating or binder. The product can be tinted in all Australian Standard Colours. The thickness of the coating can be reduced by addition of Diluent. The product may show yellowing effect if exposed to UV radiation of sunlight. Fiberglass Epoxy is engineered for undercover surfaces. Guaranteed modern, hygienic, functional and economical surface.



MATERIALS



CHEMICALS



RESINS



EQUIPMENT

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Features

Fiberglass Epoxy 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. Some selected features of Fiberglass Epoxy:

- 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
- 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

250mL to saturate one sqm of Fiberglass cloth (250gr).
First coat usually consumes more and the subsequent coats less.

Applications

Roller, Brush or Squeegee.

Dry Time at 25°C

Pot Life:	45 minutes at 25°C
Tack Free:	2-3 hours
Thin Film Set:	8 Hours (Min, depending on temperature and humidity)
Deep Cast Set:	24 Hours (Min, depending on temperature and humidity) 10mm Max
Dry Cured:	12-16 hours – Foot Traffic (depending on temperature and humidity)
Fully Cured:	7 days (Vehicle Traffic)
Re-Coat:	Subsequent Immediate Coating