

# Laminating Clear Epoxy

Shimicoat Product - Technical Data Sheet



## TECHNICAL DATA SHEET

### 1. PRODUCT DESCRIPTION

Shimicoat Laminating Clear Epoxy is a clear laminating and coating epoxy. It is a 100% solid epoxy resin with excellent mechanical, chemical and adhesion properties to most substrates, developed for Australian conditions. It is solvent-free as a clear coating or binder and can be tinted and incorporated with decorative or non-slip materials.

**Product code:** LC

### 2. TYPICAL USES

Suitable for: a clear laminating and coating epoxy.

### 3. KEY FEATURES & BENEFITS

- Crystal-clear, 100% solid and solvent-free
- Excellent adhesion, hardness and chemical resistance
- Use as a seal / build coat or decorative binder
- Can be tinted and used with flake, quartz, glitter or metallic

### 4. TECHNICAL PROPERTIES

| Property                    | Value                                     |
|-----------------------------|-------------------------------------------|
| Solids content              | 100% solid (solvent-less)                 |
| Specific gravity            | approx. 1.4                               |
| Pot life @ 25 °C            | 45 minutes                                |
| Re-coat                     | Overnight (16 hours)                      |
| Full cure                   | 7 days                                    |
| Maximum surface temperature | 140 °C                                    |
| UV stability                | May yellow in direct sun - topcoat for UV |
| VOC                         | <b>not published by manufacturer</b>      |

**Note:** Cure times vary with temperature, humidity and film thickness. Mixing ratio is shown on the product label.

### 5. SURFACE PREPARATION

Apply only to a clean, dry, sound surface free of dust, grease, oil and contaminants. Grind or etch concrete to a key and run a dry test before coating.

### 6. MIXING & APPLICATION

- Mix the components per the product label for a minimum of 3 minutes with a slow-speed mixer.
- Apply by roller, brush or squeegee within the pot life; maintain a wet edge.
- EpoDil may be added to thin the product where the label permits.

### 7. CLEANING

- Clean tools and uncured spills with thinner & diluent (EpoDil).

### 8. HEALTH, SAFETY & HANDLING

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- Store out of direct sunlight and heat. Keep containers sealed.
- A Material Safety Data Sheet (SDS) is available from Shimicoat on request.

**TO CONFIRM** - PPE, hazard classification and shelf life are not itemised here - refer to the SDS.

## 9. CONTACT DETAILS & DISCLAIMER

### SHIMICOAT Pty Ltd

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**Disclaimer:** Information herein is guidance only, based on present knowledge and experience. As use is beyond the seller's control, the product is sold without guarantees; the purchaser must conduct its own tests for suitability. Shimicoat Pty Ltd accepts no liability beyond replacement of defective product.

**Source:** shimi.com.au product pages (current site takes precedence).