



## Uniguard Epoxy SL

### Product Description

Uniguard Epoxy SL is a two component solvent free epoxy used as a primer for epoxy flooring systems. Uniguard Epoxy SL is particularly suitable for filling cracks and for strong jointing of concrete sections, can be used for new and old concrete surfaces. Designed to provide continuous protection for concrete floors in light, medium and heavy-duty applications.

### Features and Benefits

- Can be poured or rolled with ease.
- Penetrates into the smallest capillaries and pores.
- Excellent wear and abrasion resistance.
- Easily cleaned.
- Chemically resistant.

### Typical use

- Can be used on old and new concrete.
- Designed for filling and bonding of cracked concrete.
- Suitable for food and pharmaceutical plants.

### Substrate

Concrete floor.

### Product Data

<b>Packaging size</b>	15 Kg (Comp A+ Comp B)
<b>Form</b>	Liquid
<b>Colors</b>	Clear
<b>Solids by volume</b>	98 ± 2%
<b>Mixed Density (comp A + B)</b>	1.09 g/cm <sup>3</sup>

<b>Product Mixing ratio</b>	<b>(by weight)</b>	<b>(by volume)</b>
<b>Uniguard Epoxy SL Comp A</b>	3.3 part(s).	2.16 part(s)
<b>Uniguard Epoxy SL Comp B</b>	1 part(s)	1 part(s)



## Application data

The product can be applied by

<b>Roller</b>	Recommended
<b>Spray</b>	Use air spray or airless spray.
<b>Injected</b>	Recommended
<b>Poured</b>	Recommended

### Cleaning of painting tools

Immediate cleaning with Thinner Epoxy is necessary.

### Film Thickness per coat (As Primer)

<b>Dry film thickness</b>	<b>50 µm</b>	<b>-</b>	<b>200 µm</b>
<b>Theoretical spreading rate</b>	<b>19.6 m<sup>2</sup>/l</b>	<b>-</b>	<b>4.9 m<sup>2</sup>/l</b>

### Thinner (solvent to mix with)

Uniguard Epoxy Thinner

### Dilution (Mix Ratio)

No need for dilution.

### Conditions during application

Do not apply if the temperature is below 10°C and not more than 40°C. make sure the surface is free from moisture and cracks.

### Drying and curing time @ 25 °C

<b>Surface (touch) dry</b>	<b>3 h</b>
<b>Full Cure</b>	<b>7d</b>

## Directions for use

### Surface Preparation

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, dust, salts and other containment.
- Surface must be dry and fully cured.



## Mixing as primer

- Mix Comp A with ½ kg of Thinner Epoxy.
- Add Comp B and Mix for 1 min.
- Apply the mixed materials to the dry substrate.
- Use the short hair roller to remove entrapped air.
- Allow the sealer to become completely tack-free before overcoating.

## Mixing as epoxy injection resin

- Mix Comp A with Comp B for 1 min.
- Dispense product thru an appropriate static mixing nozzle into injection ports.

## Caution

- Clean the mixing container before use.
- Do not exceed dilution ratios.
- Do not use dirty tools.
- Keep out of the reach of children
- This can't be used for food storage.

## Health and Safety

Possible Hazards: It causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice if needed.