



## Uniguard PU Topcoat

### Product Description

This is a two-component aliphatic polyurethane coating, is a high performance, high solids, non-yellowing, isocyanate-cured polyurethane coating, is built to resist chemicals, abrasions, impact and sun damage. It is therefore suitable for a diverse range of floors with various levels of mechanical and chemical exposure.

### Features and Benefits

- UV resistance
- Easy application
- Easy maintenance
- Longer pot life

### Typical Use

- car parks
- Over waterproofing polyurethane membranes
- traffic deck systems

### Substrate

Concrete, cement board, concrete floor.

### Product Data

<b>Packaging size</b>	18 L Drum (2 comp).
<b>Form</b>	Liquid
<b>Colors</b>	14 UV stable colors
<b>Solids by volume</b>	63%
<b>Density</b>	1.3 g/cm <sup>3</sup>

### Product Mixing ratio (by volume)

<b>Uniguard PU Topcoat Comp A</b>	5 part(s).
<b>Uniguard PU Topcoat Comp B</b>	1 part(s)



## Application data

The product can be applied by

**Spray** Use air spray or airless spray

**Brush** Recommended

**Roller** Recommended

## Cleaning of painting tools

Immediate cleaning with Thinner.

## Film Thickness per coat

**Dry Film Thickness** 50 - 80  $\mu\text{m}$

**Theoretical spreading rate** 12.60 - 7.9  $\text{m}^2/\text{L}$

## Thinner (solvent to mix with)

No need for thinner addition.

## 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.  
Substrate temperature should be at least 3°C above the dew point.

The moisture content should not exceed 4%

The Relative Humidity should not exceed 80%.

**Drying and curing time** 23 °C

**Surface dry** 10 h

**Dried/cured for service** 7 d



<b>Induction time and Pot life</b>	<b>23 °C</b>
<b>Induction time</b>	<b>3 min</b>
<b>Pot life</b>	<b>1 h</b>

## Directions of 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.

### Application procedure

NO PART MIXING. Use a slow speed drill and mixing paddle.

The temperature of base and curing agent is recommended to be 18 °C or higher when the product is mixed.

Part mixing of these components is not acceptable and will affect both performance and appearance of the finished floor.

Mixing should be carried out using a heavy duty, slow-speed drill with appropriate mixing paddle attachment. The individual components should be thoroughly stirred to disperse any settlement, then the Comp A and Comp B packs should be mixed together. The entire contents of the hardener (B) container should be added to the base (A) and mixed together for two minutes until a homogeneous mix is obtained. When a homogenous state has been achieved split the mixed paint in to two separate containers and continue mixing both portions of the mix for a further 2 minutes.

## Storage

- Store in cool, dry place in a well-sealed container away from moist air for 12 months.
- Keep away from heat, ignition sources and from children.

## Caution

- Do not use dirty tools.
- Keep out of the reach of children
- This can 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 in case it happened.



# Technical Data Sheet

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