



## UNIGUARD 2K Flexi

### Product Description

Uniguard 2K is an extremely flexible waterproofing liquid membrane consisting of two components (acrylic resin & cementitious powder) to be mixed on site. The system can withstand high positive water pressure up to 7 bar, it is well suited for use in areas with hard climate conditions.

### Features and Benefits

- Easy to apply by roller or brush.
- Waterproofing, nil absorption, salt resistant
- Adhere to new or old surfaces of concrete, tiles, granite, etc.
- Permanent water proofing agent and water pressure resistant.
- Rapid drying (to be mixed in the site).
- Abrasion resistant.
- Weather resistant.

### Typical use

- Roofs, facades.
- Retaining walls.
- Glass reinforced concrete (GRC).
- Swimming pools.
- Water tanks.

### Substrate

Concrete, cement board, tiles, granite, etc.

### Product Data

**Packaging size** 20 kg plastic bags (14.9 kg powder, 5.1 kg resin).

**Early absorption, 24 hr.** Nil

**Colors** Grey

### Application data

**The product can be applied by**

**Trowel** Recommended

**Brush** Recommended



## Cleaning of painting tools

Immediate cleaning with water is necessary.

## Film Thickness per coat

<b>Dry Film Thickness</b>	1000 microns
<b>Theoretical spreading rate</b>	10.80 m <sup>2</sup> / pack

## Thinner (solvent to mix with)

No need for water addition.

## Dilution (Mix Ratio)

For manual mixing, Uniguard 2K 14.9 kg powder requires 5.1 Kg of resin. Place resin in a container then add the Uniguard 2K powder to avoid lump formation. Mechanical mixing is a must.

## Conditions during application

Do not apply if the temperature is below 5°C and not more than 40°C. For ambient air temperature >40°C continuous humidification (spraying water mist) is required before and during application.

<b>Drying and curing time</b>	<b>25 °C</b>
<b>Surface dry</b>	<b>1 h</b>
<b>Thorough dry</b>	<b>2 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

- Add the 3-parts cement powder to 1part resin.
- Mix with either mixer or agitator.
- Apply using brush or roller, ready to be used immediately after mixing on the site.
- Multiple coats are advised for superior protection



## Recommended paint system

Apply in a Two coats; if the area requires any additional coat, it will be possible and depending on the status of surface

## 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

- Clean mixing container before use.
- Do not exceed dilution ratios .
- 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.