



2K Flexi

Product Description

Uniguard 2K Flexi 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.
- Potable 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

Dry Film Thickness 800 – 1000 microns

Theoretical spreading rate 10 – 12 m²/ 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.

Drying and curing time 25 °C

Surface dry 1 h

Recoating time 5 h

Thorough dry 24 h

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 trowel, 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.