



Uniguard UW

Product Description

Uniguard UW is a cement base hydrophobic flexible crack filler and repair mortar. It can act as a grout for bricks and natural stone, suitable for wide joints up to 20 mm. The high abrasion resistance and the reduced water absorption characteristics make **Uniguard UW** suitable for both of internal and external applications under severe conditions including prolonged water immersion.

Features and benefits

- Zero shrinkage.
- Can be used underwater.
- Blocks water absorption, suitable for wet areas.
- Can be used for internal and external applications.
- Easy to apply, non-sag with good workability.
- It provides an elastomeric seamless film with excellent adhesion.

Typical use

- Suitable for bathrooms, kitchens and other wet areas.
- Can be used as a coving compound.
- For the repair of vertical and overhead elements.
- Suitable to be applied around drainage pipes.
- Excellent for surface crack filling.
- Suitable to be used in swimming pools, wells and any other immersed surfaces (underwater).

Substrate

Plaster, concrete, block work, tiles, etc....

Product Data

Packaging size	10 kg
Form	Powder
Colors	Off white, cement grey.
Solid by volume	98 ± 2%
Density	1.29 g/cm ³ in powder form, 1.70 g/cm ³ as a slurry.



Application data

The product can be applied by

Trowel: Recommended.

Spatula: Recommended.

Cleaning of painting tools

Immediate cleaning with water is necessary.

Film Thickness per coat

Dry Film Thickness Up to 20 mm.

Theoretical spreading rate 7m²/ 10 KG pack @ 10 mm.

Thinner (solvent to mix with)

Water

Dilution (Mix Ratio)

Uniguard UW is provided in powder form, for manual mixing, pour 1 part of pure water in a clean empty container then add 5 parts of Uniguard UW (The ratio of 1:5).

Conditions during application

Do not apply if the temperature is below 5°C and not more than 40°C. For ambient air temperature > 30°C continuous humidification (spraying water mist) is required before and during application. Avoid working under direct sunlight.

Drying and curing time 25 °C

Surface (touch) dry 30 minutes

Dried/cured 24 h

Full Cure 21 Days



Directions for use

Surface preparation

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containment.
- Clean the surface with water.

Recommended Paint System

Number of coats:

As needed and depending on the status of surface, the thickness of layer to not exceed 20 mm.

Storage

- Store in cool, dry place in a well-sealed container away from moist air for 6 months.
- Keep away from heat, ignition sources and from children.

Caution

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed dilution ratios.
- Keep out of the reach of children

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.