



Uniguard Power Mix

Product Description

Uniguard Power Mix is a single component, water resistant cementitious acrylic-based putty. It has a non-sagging and zero shrinkage properties with excellent adhesion to most substrates. Can be used for interior and exterior applications with a thickness up to 5 mm.

Features and benefits

- Easy to apply.
- Water resistant.
- Gives a very smooth finish.
- Can give up to 5 mm thickness without cracks.
- Can be used on Interior or exterior surfaces.
- Excellent adhesion to most substrates with a value of 1 N/mm² according to ASTM D 4541.

Typical use

- Repairing the minor surface undulations.
- Plaster repair.
- Concrete repair.

Substrate

Plaster, concrete, block work, cement board, etc....

Product Data

Packaging size	15 Kg, 20 Kg (Bags)
Form	Powder
Colors	White
Solids by volume	98 ± 2%
Slurry density	1.64 g/cm ³

Application data

The product can be applied by

Spatula	Recommended
Trowel	Recommended
Spray	Can be used with special airless machines.



Cleaning of painting tools

Immediate cleaning with water is necessary.

Film Thickness per coat

Dry film thickness	Up to 5 mm
Theoretical spreading rate	4 m²/pack at 5 mm

Thinner (solvent to mix with)

Water

Dilution (Mix Ratio)

Uniguard Power Mix is provided in powder form, for manual mixing, pour 1 part of pure water in a clean empty container then add 2.5 parts of Uniguard Power Mix (minimum 1:2.5). *In case power mixing used the above fractions may differ.*

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	2 h
Dry to over coat, minimum	2 h
Dried/ cured for proper sanding	24 h

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 5 mm.

For ultra-smooth surface, an acrylic putty can be applied after the cementitious filler.



Uniguard Power Mix can be applied directly into the substrate, followed by one coat of PVA Primer.

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.