



Uniguard HB

Product Description

Uniguard HB is a single component acrylic based waterproofing and protective coating. The coating is highly flexible with strength, durable and UV resistant. Especially designed to provide a totally seamless, durable water proofing membrane for roof protection. The coating is suitable for both interior and exterior application.

If **reinforcement fiber** is added; a highly flexible coating with extra strength will be obtained.

Features and benefits

- Single component, easy to apply.
- Excellent resistance to water and moisture.
- UV and weather resistant.
- Crack bridging properties.
- Excellent adhesion on most substrates.
- high solar reflectance.
- Can withstand water immersion.

Typical use

- Suitable for waterproofing exposed roof.
- Metal profile roofs.
- Protective coating over polyurethane foam insulation.
- Protective coating on underpasses and concrete bridge decks.

Substrate

Concrete, cement board, metal sheets, etc...

Product Data

Packaging size	16 Liter
Form	Liquid
Colors	White
Solids by volume	49 ± 2%
Density	1.27 g/cm ³
VOC	12.5 g/l, according to ISO 11890 EU



Application data

The product can be applied by

Roller	Recommended
Brush	Recommended
Spray	Recommended

Cleaning of painting tools

Immediate cleaning with water is necessary.

Film Thickness per coat

Without Fiber

Dry film thickness	300 µm - 600 µm
Theoretical spreading rate	26 m²/pack - 13 m²/pack

With Fiber

Dry film thickness	400 µm - 750 µm
Theoretical spreading rate	19.6 m²/pack - 10.5 m²/pack

Thinner (solvent to mix with)

Water

Dilution (Mix Ratio)

Note recommended

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	6 h
Full dry	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:

2-3 coats to achieve 1 mm thickness.

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.