



## Uniguard HB

### Product Description

Uniguard HB is a single component acrylic based waterproofing and protective coating. The coating is durable, flexible 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.
- Heat resistant & high solar reflectance.
- Can be over coated.

### 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, etc...

### Product Data

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



## Application data

The product can be applied by

|               |                    |
|---------------|--------------------|
| <b>Roller</b> | <b>Recommended</b> |
| <b>Brush</b>  | <b>Recommended</b> |
| <b>Spray</b>  | <b>Recommended</b> |

## Cleaning of painting tools

Immediate cleaning with water is necessary.

## Film Thickness per coat

### Without Fiber

|                                   |  |
|-----------------------------------|--|
| <b>Dry film thickness</b>         | <b>300 µm - 600 µm</b>                               |
| <b>Theoretical spreading rate</b> | <b>26 m<sup>2</sup>/pack - 13 m<sup>2</sup>/pack</b> |

### With Fiber

|                                   |  |
|-----------------------------------|--|
| <b>Dry film thickness</b>         | <b>400 µm - 750 µm</b>                                   |
| <b>Theoretical spreading rate</b> | <b>19.6 m<sup>2</sup>/pack - 10.5 m<sup>2</sup>/pack</b> |

## Thinner (solvent to mix with)

Water

## Dilution (Mix Ratio)

Maximum 10% for the first coat only.

## 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.

|                                  |              |
|----------------------------------|--------------|
| <b>Drying and curing time</b>    | <b>25 °C</b> |
| <b>Surface (touch) dry</b>       | <b>2 h</b>   |
| <b>Dry to over coat, minimum</b> | <b>6 h</b>   |
| <b>Full Cure</b>                 | <b>24 h</b>  |



## 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.

## Certificates

## 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.