



## Uniguard Bond

### Product Description

Uniguard Bond is an acrylic bonding agent, which can be absorbed deeply into the substrate of cementitious origin. It binds the cement or the paint to the surface to enhance the physical properties like scrub ability, water absorption, and adhesion

#### Features and benefits

- Penetrate and bind loose porous substrates.
- Weather resistant.
- High adhesion power.
- Easy to apply.
- Alkaline resistant.
- Vapor permeable.

#### Typical use

- For exterior and interior use on cement mortars, plasters, lime and lightweight concrete.
- Especially suitable for sealing old, dry, absorbent, untreated concrete.
- On all high-alkali surfaces such as concrete, block work, and cement renderings.
- It is recommended to be used prior to the application of synthetic resins or oil-based coatings to prevent chemical reactions.

#### Substrate

Concrete, plaster, cement board, etc....

### Product Data

|                       |         |
|-----------------------|---------|
| <b>Packaging size</b> | 4.50 Kg |
| <b>Form</b>           | Liquid  |
| <b>Colors</b>         | White   |

### Application data

The product can be applied by

|               |  |
|---------------|--|
| <b>Roller</b> | Recommended                                |
| <b>Brush</b>  | Recommended                                |
| <b>Spray</b>  | Can be used with special airless machines. |

#### Cleaning of painting tools

Immediate cleaning with water is necessary.



## Film Thickness per coat

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Dry film thickness</b>         | --                           |
| <b>Theoretical spreading rate</b> | <b>18 m<sup>2</sup>/pack</b> |

## Thinner (solvent to mix with)

Water

## Dilution

Maximum 10%

## 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 at 1mm</b> | <b>25 °C</b> |
| <b>Surface (touch) dry</b>           | <b>1 h</b>   |
| <b>Dry to over coat, minimum</b>     | <b>1 h</b>   |
| <b>Full dry</b>                      | <b>3 h</b>   |

## Directions for use

### Surface preparation (Space)

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containment.
- Clean the surface with water.
- Surface must be dry and fully cured.

### Recommended Paint System

#### Number of coats:

One coat (Additional coats might be applied depending on the status of surface).  
It can be added to cementitious compound or acrylic paint as needed.

#### Application procedure:

**As bonding agent:** Apply liberally and evenly by brush or appropriate spray equipment and allow drying. The surface is considered fully treated when a slight sheen is seen to appear on the surface. Depending upon the surface condition it may be necessary to apply two or three coats. Uniguard Bond should be painted as soon as possible to ensure optimum adhesion .



**As admixture for concrete:** add 1kg of Uniguard Bond to every 5kg of cement in the concrete mix, thoroughly mix the mortar to a semi-dry consistency; do not mix the mortar very well so that the mortar becomes completely wet.

The addition of Uniguard Bond will reduce the amount of water needed to achieve a given workability.

## 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 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.