



## Uniguard SBR

### Product Description

Uniguard SBR is a ready-for-use aqueous dispersion of a styrene-butadiene copolymer, free from Ammonia; Uniguard SBR contains a special defoamer to reduce the air content in cement mortars. Addition of Uniguard SBR to the cement improves physical characters.

#### Features and benefits

- Reduces the water/cement ratio.
- Improves adhesion strength.
- Enhances the flexural and tensile strength of the mortar and render.
- Improves the chemical and abrasion resistant properties of the mortar.
- Freeze and thaw resistance.
- Good resistance to saponification.
- Reduces Shrinkage.

#### Typical use

- Floor screeds
- Sloped concrete roofs
- Leveling compounds
- Adhesive-bonded joints
- Sealers
- Repair mortars for concrete restoration

#### Substrate

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

### Product Data

<b>Packaging size</b>	5 Liter, 20 Liter
<b>Form</b>	Liquid
<b>Colors</b>	White
<b>Solids by volume</b>	13 ± 2%
<b>Density</b>	1.01 g/cm <sup>3</sup>

### Application data

#### The product can be applied by

Not applicable



## Cleaning of painting tools

Once mixing is complete, tools should be cleaned immediately after use with clean thinner.

## Film Thickness per coat

**Dry film thickness** --

**Theoretical spreading rate** --

## Thinner (solvent to mix with)

Not applicable

## Dilution (Mix Ratio)

Not applicable

## 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** --

**Dry to over coat, minimum** --

**Dried/ cured for proper sanding** --

## 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.
- Surface must be dry and fully cured.

### Recommended Paint System

#### Application procedure:

Addition (20 - 100 %) by weight of Uniguard SBR to the cement content directly and mixed either by hand or a power mixer with low rotation speed). Total mixing time should not exceed 5 minutes.

#### Notes:

- Uniguard SBR should be added to the water then the mixture will be added to the cement.
- Over-mixing should be avoided.



## 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.