



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

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

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.