

## Product Description

La BerryGuard WR is supplied as a water-based, colorless Silane Siloxane Silicone repellent solution which can be sprayed or brush applied onto the cementitious substrate.

Small molecular structure allows silanes to impregnate the substrates.

## Uses

La BerryGuard WR is used to provide water repellent surface with improved self cleaning properties on exterior building - brick work, concrete, cement rendering, natural or cast stone. Helps in reducing efflorescence due to soluble salts in brickwork.

## Standard

La BerryGuard WR complies with BS 6477-92 Class A and Class B as silane siloxane silicone - based water repellent.

For application on brickwork, concrete, cement rendering, nature or cast stone of predominantly siliceous nature, it complies with BS6477-92 Class A.

For application on sand stone, lime stone, calcium silicate, brickwork, natural or cast stone of predominantly calcareous nature, complies with BS6477-92 Class B.

## Advantages

- **Ready to use:** Brush or spray applied direct from container
- **Versatile:** Equally effective on old or new surfaces
- **Self-cleaning:** Unaffected by salt-laden atmosphere, reduces unsightly staining
- **Protects brickwork/Natural stones:** Risk of efflorescence is reduced
- **Protects concrete:** Reduces causes of cracking and crazing in in-situ or precast concrete
- **Colourless:** Preserves natural colour and texture of created material. Allows surface to breathe
- **Solvent Free:** Releases little VOC up on reaction

## Application

### Preparation

Surfaces should be dry, although slight dampness is not detrimental. Surface to be treated should be free from oil, grease, loose particles, decayed matter and moss or algae growth. For this, cleaning with La TeraKleen is recommended. Joints in brickwork should be sound. If not, should be raked and redone with cement/sand mortar using La Hi-Proof WL waterproofing compound.

### Coating

Apply La BerryGuard WR evenly by spraying or brushing. Ensure an even coat over the entire surface. Porous surface should be well saturated with a two coat application.

### Decorating

Decorative coatings can be applied to surfaces previously treated with La BerryGuard WR. Water based cement or emulsion paints should not be applied on coated areas. They can be applied before coating the surface with La BerryGuard WR coating.

## Technical Properties

**Penetration :** La BerryGuard WR penetrates into concrete for a minimum depth of penetration of 2-3mm.

**Water resistance :** Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.

**Permeability :** Is low to water, salt solution, dust and soot particles. Leaching of soluble salts from brick work, which causes efflorescence, absorption of de-icing salts by concrete which causes degradation and absorption of atmospheric dirt by brickwork, concrete and stone are all minimised.

**Water vapour release :** La BerryGuard WR allows building surfaces to breathe naturally.

## Package

La BerryGuard WR is available in 5, 20 & 50 litre containers.

## Coverage

On brick work, smooth cement renderings and porous natural stones the coverage is 4-5m<sup>2</sup>/Litre. In places where monsoon intensity is high it is recommended for 2 coats.

## Storage

La BerryGuard WR has a shelf life of 12 months if kept in a dry store in its original packing. High temperature and humidity storage may reduce this period.

## Precautions

La BerryGuard WR may cause irritation to eyes, skin and mucous membrane, and is harmful if swallowed. While handling, all contact with eyes, skin and clothes should be avoided. Implements used for application of La BerryGuard WR should be cleaned with xylene or toluene.

## Health & Safety

Contact with skin and eyes shall be avoided. Contamination with skin and eyes should be washed with water. La BerryGuard WR in liquid state is slightly toxic. Should be kept away from children and animals. Prolonged inhalation of the vapour should be avoided and adequate ventilation be ensured.

**Fire** : La BerryGuard WR is non-flammable.

**Important:** La Greens India Pvt. Ltd., products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, La Greens India does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



Smart Solutions for Sustainable Construction

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