

Silane Silaxone water repellent

Uses

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.

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 - Risk of efflorescence is reduced
- Protects concrete - Reduces causes of cracking and crazing in-situ or precast concrete.
- Colourless -Preserves natural colour and texture of treated material. Allows surface to breathe.

Description

Dekguard WP is supplied as a colourless, ready to use, single component silane, silaxone blend dissolved in a penetrating organic liquid which can be sprayed or brush applied onto the surface.

Technical support

The company provides a technical advisory service supported by a team of specialists in the field.

Properties

Water resistance

Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.

Permeability

Permeability is low to water, salt solution, dust and soot particles. Leaching of soluble salts from brickwork, which causes efflorescence, absorption of deicing salts by concrete which causes degradation and absorption of atmospheric dirt by brickwork, concrete and stone are all minimised.

Water vapour

Good permeability allows building surfaces to breathe naturally.

Application instructions

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 Reebaklens is recommended. Joints in brickwork should be sound. If not, should be raked and redone with cement/sand mortar using Conplast X4211C waterproofing compound.

Coating

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

Important

Plants, glass surfaces, oil painted surfaces must be masked to protect against splashes.

Decorating

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

Cleaning

Brushes and equipment should be cleaned with white spirit immediately after use.

Dekguard® WP

Estimating

Packaging & coverage

Dekguard WP is available in 5 and 20 litre containers.

The coverage is around 3 to 5 sq.m per litre. However the practical coverage depends on the nature and porosity of the substrate.

Storage

Dekguard WP has a shelf life of 6 months if kept in a dry store in its original packing. High temperature and humidity storage may reduce this period.

Precautions

Health & Safety

Avoid contact with skin and eyes. Contamination with skin and eyes should be washed with water. Dekguard WP 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

Dekguard WP is inflammable. Should not expose liquid or vapour to naked flames. Smoking should be prohibited during application.

Flash plant

Dekguard WP : 38 deg.C

Note : It is important to reseal containers after use to prevent deterioration of the product or evaporation. Any spillage should be absorbed with sand or saw dust.,

Additional information

Dekguard WP is part of Nitocote range of surface coatings designed for the complete protection of buildings and structures.

The Fosroc range of associated products include a comprehensive range of protective coatings, decorative finishes, repair mortars, flooring products, grouts and anchors and admixtures, designed to meet a wide range of industrial and construction applications.

Separate datasheets are available on all the above products.

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