Siloxol Stormguard is a unique, thixotropic, water repelling masonry protection cream which can be used on a range of building materials.

Dependent on the porosity of the substrate, the effective siloxane ingredient penetrates the substrate within a short period of time (30 minutes to several hours), where it reacts to become a permanent, chemically bonded, silicone coating.

Stormguard appears white when applied, but dries completely clear, and prevents liquid water from penetrating the substrate but remains vapour permeable, allowing substrates to breathe.

USES

Stormguard is applied to exterior masonry such as facing bricks, natural stone, concrete and render to protect against water damage and improve thermal properties.

ADVANTAGES

- Easy application by brush, roller or low pressure spray.
- Protects against efflorescent salts which damage paintwork
- Becomes effective straight after drying (approx 3 hours).
- Can be applied to damp surfaces.
- Improves insulation by keeping surfaces dry.
- Allows surfaces to breath.
- Appears white when wet for easy application.
- Dries colourless and does not stain surfaces.

TYPICAL USES

Ideal for walls with cavity fill insulation, to prevent saturation through rain penetration, Ideal for walls with cavity fill that has already become saturated, as Stormguard allows the masonry to breath encouraging it to dry out and preventing any further water ingress.

SUBSTRATE PREPARATION

1. Before a water repellent impregnation is carried out, crusts of dirt and pollutants as well as efflorescence, algae and moss must be removed by a suitable cleaning procedure. Cleaning opens the pores and capillaries of the substrate, preparing it to absorb the Stormguard application.

2. Dependent on the substrate type and degree of soiling, we recommend the use of a biocidal surface cleaner, such as Microtech Biocide.

3. When cleaning, ensure you do not damage the masonry or mortar joints.

4. Chase out any defective mortar joints and cracks, then repair with a suitable re-pointing mortar.

5. Close expansion and connection joints with an elastic, joint-sealing compound.

6. If damaging salts are present, a quantitive salt analysis is essential. High salt concentrations may need further treatment prior to an application of Stormguard

Due to the thixotropic nature of **Stormguard**, where it is applied by brush or roller, accidental contamination of non-targeted surfaces can usually be avoided by taking reasonable care. However, when spraying **Siloxol Stormguard**, items such as windows, doors or plants should be shielded from accidental application using polythene sheets.

Stormguard should be applied to a small test area of the substrate prior to full application. Only carry out the full application once you are happy with the test area. Ensure the substrate is touch dry before commencing application.

Stormguard is applied to the substrate, undiluted, in a single working operation. This can be achieved using airless spray equipment, a brush or lambskin roller. Dependent on the porosity of the substrate, application rate of up to 0.2 l/m² or 0.4l/m2 on highly porous substrates can be applied in one working operation, even on vertical surfaces such as ceilings, without loss of material. Resistance to rain is normally achieved within 3 hours.

It is important not to exceed the application rate.

WARNING

H315 - Causes skin irritation - P264 - Wash hands, forearms and face thoroughly after handling, P273 - Avoid release to the environment, P280 - Wear protective gloves, protective clothing, eye protection, face protection, P302+P352

IF ON SKIN: Wash with plenty of water, P332+P313 - If skin irritation occurs: Get medical advice/attention, P362+P364 - Take off contaminated clothing and wash it before reuse.

HEALTH AND SAFETY

For further information and advice please consult the safety data sheet available at twistfix.co.uk, or contact the

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Technical Department on +44 (0) 845 123 6006.