

## DESCRIPTION

Johnstone's Stormshield Silicone Enhanced Render has been formulated for use as a part of a Johnstone's Stormshield system consisting of Basecoat, Primer and Render. This system is ideal for rendering direct to substrate or as part of the Johnstone's External Wall Insulation product range. This high performance, durable and all weather finish has been specially developed to provide an attractive flat mineral finish for external walls.

## RECOMMENDED USES

Specially developed finishing coat for render and external wall insulation systems.

## COLOUR RANGE

White and a large range of tinted colours.

## COVERAGE

Approx. 2kg/m<sup>2</sup>

## DRYING TIME

### \*PLEASE NOTE:

Weather conditions for application and drying are critical. Do not apply if frost is forecast within 24 hours, in wet conditions or when humidity is above 85%, in temperatures below 5°C or above 30°C. Weather conditions must be as specified above both during application and for a minimum of 24 hours after application. Do not apply to elevations which are hot or below 5°C, and on elevations in direct sunlight.

Johnstone's Stormshield Silicone Enhanced Render must be protected against any rain, direct sun or strong wind in the first 24 hours after application. Sheeting the facade or the scaffold is advised to protect against this.

\*Drying times are based on controlled tests in normal conditions. These may vary considerably depending upon atmospheric conditions.

## TRANSPORTATION & STORAGE

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

## SIZE

25kg.

## PREPARATION

All surfaces must be sound, clean, dry and free of any material which may impair adhesion. Scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration, must be rectified. Mask around the areas where material is to be applied. Masking tape must be removed before the material has dried out. Beads and expansion joints should be included as required by the substrate and carried through all applied materials. Suitable specification clauses, including specifications for difficult or mixed substrates are available from PPG's Technical Advisory department. Only to be applied over Johnstone's Stormshield High Performance Render Basecoat that has been primed with Johnstone's Stormshield Silicone Enhanced Render Primer.

## APPLICATION

This product will appear in its container as a thick coloured paste. It should be mixed well before application to ensure colourants are evenly dispersed. When using a coloured product it is advisable to ensure products are from the same batch and check for colour accuracy and consistency before application. To ensure application and colour consistency on large surfaces see below:

To maintain colour consistency, panels should be completed in sequence around the building. To avoid dampness and discoloration rendering should be avoided below DPC or within 150mm of ground level. To apply the material use a stainless steel trowel or suitable spray equipment. Depending on the grain size, use the size of the aggregate to gauge the thickness of the render when applying to the substrate ie: Johnstone's Stormshield Silicone Enhanced Render 1.0mm = thickness 1.0mm. Once the render is applied finish with a plastic float, working the material in small circular motions. This will create the natural random finish. Always agree an acceptable finished appearance on a sample panel with the architect or site supervisor before proceeding on a large scale. To prevent day joints, apply the finish continuously to the surfaces maintaining a wet edge at all times. On very large areas it is advisable to render to a natural break.

**NOTE:** Do not apply thicker than the aggregate size, this will significantly reduce the set time and could lead to future weathering issues.

## CLEANING

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

## PRECAUTIONS

- Harmful to aquatic life with long lasting effects.
- Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
- Safety data sheet available on request.
- Avoid release to the environment.
- If medical advice is needed, have product container or label at hand
- Keep out of reach of children
- Dispose of contents/container to a waste disposal site in accordance with local/national regulations.
- Ensure good ventilation during application and drying.
- Do not breathe spray. Wear respiratory protection.
- Do not get in eyes, on skin, or on clothing
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF ON SKIN: Wash with plenty of water. Do not use solvent thinners or White Spirit.
- IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

## PROFESSIONAL APPLIERS

Safety data sheet available for professional user on request.