

## DESCRIPTION

Johnstone's Stormshield High Flexibility Render Basecoat is a flexible, vapour permeable, polymer modified product which is designed to offer the highest levels of flexibility, adhesion and performance when applied as a basecoat over render carrier boards, suitable masonry surfaces or as a basecoat for Johnstone's Stormshield External Wall Insulation systems.

## RECOMMENDED USES

This product should only be used as a part of a render or external wall insulation system. To be applied directly onto suitably prepared render carrier boards, masonry surfaces or approved insulation boards as part of a Johnstone's Stormshield Render or External Wall Insulation System.

## COLOUR RANGE

Grey

## COVERAGE

Approx. 4.5kg per m<sup>2</sup> at 5mm thick.

NOTE: These estimates take no account of wastage.

## 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.

High Flexibility Render Basecoat 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.

## TRANSPORTATION & STORAGE

Johnstone's Stormshield Basecoat is supplied in 25kg paper sacks. 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 should be 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. Chalky, flaking or porous substrates must be treated with Johnstone's Stormshield Stabilising Solution. 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.

## MIXING

Johnstone's Stormshield High Flexibility Render Basecoat should be mixed with clean water at a rate of approximately 4.5 - 5.0 litres per 25kg bag using a suitable drill with mixing paddle attachment. Mix the product for 5 minutes, allow to stand for 5 minutes and then mix the basecoat again. This process allows the chemical additives to properly dissolve and fully activate.

**NOTE:** Johnstone's Stormshield Basecoat may stiffen on standing. It is possible to re-mix the product to regain a workable consistency - but do not add any more water.

## APPLICATION

To avoid dampness and discolouration, rendering should be avoided below DPC or within 150mm of ground level. Use a stainless steel float or suitable spray equipment to apply the Basecoat to a depth of 3-4mm and use a notched trowel vertically to prepare the Basecoat for the application of Johnstone's Stormshield Reinforcing Mesh. Bed in the mesh using a stainless steel float and ensure that the joints overlap by 100mm. Once the initial set has taken up, apply a second layer of Johnstone's Stormshield Basecoat at 3mm to produce a sandwich between the mesh and the second coat. Johnstone's Stormshield Render Basecoat should be applied to a total final thickness of 6mm.

Finish the basecoat with a notched trowel or sponge float depending on the selected finish to be applied. For full application guidelines please refer to the Johnstone's Stormshield Render Application Guide or speak to PPG's technical advisory department.

## CLEANING

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

## PRECAUTIONS

- DANGER
- Causes serious eye damage.
- Causes skin irritation.
- May cause an allergic skin reaction.
- May cause respiratory irritation.
- Hazardous ingredients: Cement, portland, chemicals.
- Safety data sheet available on request.
- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Avoid breathing dust.
- IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
- Do not get in eyes, on skin, or on clothing.
- Wear protective gloves and eye or face protection.
- 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.
- Dispose of contents/container to a waste disposal site in accordance with local/national regulations.
- Store locked up.