

DESCRIPTION

Johnstone's Stormshield High Performance Scratch Render is a polymer modified through colour cement render formulated to offer a low maintenance, long lasting, tough and weather resistant finish. High quality colour pigmentation has been used across the colour range to ensure product consistency and long term fade protection.

RECOMMENDED USES

To be applied directly onto suitably prepared masonry surfaces.

COLOUR RANGE

A range of factory mixed colours.

COVERAGE

Approx. 25kg/m² at 15mm thick.

NOTE: These estimates take no account of wastage or application over uneven substrates.

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 High Performance Scratch 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.

TRANSPORTATION & STORAGE

Johnstone's Stormshield High Performance Scratch Render 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 from any material which may impair adhesion. Scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those that may lead to moisture penetration, must be rectified. Mask round 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 and carried through all applied materials. Suitable specification clauses, including specifications for difficult or mixed substrates, are available from 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.

MIXING

Johnstone's Stormshield High Performance Scratch Render 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 render again. This process allows the chemical additives to properly dissolve and fully activate. For pump/spray application it may be necessary to mix with less water. Always conduct a full pump test and agree a workable consistency before commencing application.

NOTE: Johnstone's Stormshield High Performance Scratch Render 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

This product will be provided as a powder, factory manufactured to the specified colour using natural pigments. When using a coloured product it is advisable to ensure products being used are from the same batch and check for colour accuracy and consistency before application. To maintain colour consistency, panels should be completed in sequence around the building. 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 render to a depth of 8mm. Reinforce all stress points, openings and corners with Johnstone's Stormshield Reinforcing Mesh pieces that extend beyond the stress point by a min of 500mm, and bed in the mesh using a stainless steel float. Following this apply a second layer of Johnstone's Stormshield High Performance Scratch Render at 10mm and smooth and level off. Leave for approximately 4-12 hours to allow the Johnstone's Stormshield High Performance Scratch Render to harden but not fully set and then use a scraping/scratch float to remove the top 1-3mm. Use an I profile scraper to eliminate any high spots. Finished application should be a minimum of 15mm.

It is advisable to also reinforce the render with Johnstone's Reinforcing Mesh. If doing so, prepare the first pass of Johnstone's Stormshield High Performance Scratch Render with a notched trowel vertically and apply the reinforcing mesh across the whole surface. Bed in the mesh using a stainless steel float and ensure that all joints overlap by 100mm. Following this apply the reinforcing patches as specified above before applying the final layer of Johnstone's Stormshield High Performance Scratch Render as directed.

For full application guidelines please refer to the Johnstone's Stormshield Render Application Guide or speak to PPG's technical advisory department.

PRECAUTIONS

- DANGER
- Causes serious eye damage.
- Causes skin irritation.
- May cause an allergic skin reaction.
- 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.
- 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.