

DESCRIPTION

Johnstone's Trade Stormshield High Performance Render Basecoat is a cement based polymer modified render for use within Johnstone's Trade Stormshield external wall insulation systems or part of a direct to masonry render solution.

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 masonry surfaces or approved insulation boards as part of a Johnstone's Trade Stormshield External Wall Insulation System.

COLOUR RANGE

Grey

COVERAGE

External Wall Insulation Systems - approx. 2.6m² per bag at 6mm thick Masonry substrates - approx. 1.5 m per bag at 10mm thick

NOTE: Estimate takes no account of wastage or application over uneven substrates.

DRYING TIME

Initial set in 24 hours*

*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 that are hot or below 5°C, and on elevations in direct sunlight. Johnstone's Trade Stormshield 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.

*Drying times are based on controlled tests in normal conditions. These may vary considerably depending upon atmospheric conditions. For further information, please refer to the product data sheet.

TRANSPORTATION & STORAGE

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture. Cleaning: Clean water. PROTECT FROM FROST.

SIZE

25kg.

PREPARATION

All surfaces should be clean, dry and free of any material that 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. Chalky, flaking or porous substrates must be treated with Johnstone's Trade 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.

KEY PROPERTIES

- Specially developed basecoat for masonry and external wall insulation systems
- Cement based polymer modified render basecoat

MIXING

Johnstone's Trade Stormshield High Performance Render Basecoat should be mixed with clean water at a rate of approximately 4.5 - 5.5 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 Trade Stormshield High Performance Render 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 (insulated substrate) or 5mm (masonry substrate) and use a notched trowel to prepare the Basecoat for the application of Johnstone's Trade 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 Trade Stormshield High Performance Render Basecoat at 3mm (insulated substrate) or 5mm (masonry substrate) to produce a sandwich between the mesh and the second coat. Johnstone's Trade Stormshield High Performance Render Basecoat should be applied to a total final thickness of 6mm (insulated substrate) or 10mm (masonry substrate). 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 Trade Stormshield Application Guide or speak to PPG's Technical Advisory Department.

CLEANING

Remove as much product as possible from application equipment before cleaning. Clean equipment immediately after use in warm soapy water and rinse thoroughly. Some local authorities have special facilities for the disposal of waste coatings. Do not empty product into drains or watercourses.

PRECAUTIONS

- Keep out of reach of children
- Avoid contact with skin and eyes
- Do not ingest
- If medical advice is needed have container or label to hand
- Please refer to Product Label & Safety Data Sheet (SDS) for hazard warnings and information on safe handling/use/transport/storage/disposal/emergency
- SDS available: www.johnstonestrade.com or call 01924 354354