

DESCRIPTION

Johnstone's Trade Stormshield High Performance Insulation Panel Adhesive is a cement based high polymer formulation, blended with high quality aggregates and chemical modifiers to provide excellent adhesion and grab when applying insulation boards to most masonry substrates.

RECOMMENDED USES

This product should only be used as a part of an external wall insulation system. This product can be used to apply insulation panels to typical masonry substrates including brick and block work and cement boards.

COLOUR RANGE

Grey

COVERAGE

Approx. 4.5kg per m²

NOTE: These estimates take 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 which are hot or below 5°C, and on elevations in direct sunlight. Panel Adhesive 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

Johnstone's Trade Stormshield High Performance Insulation Panel Adhesive 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. Cleaning: Clean water. PROTECT FROM FROST.

SIZE

25kg.

PREPARATION

All masonry and insulation panel surfaces should be clean, dry and free from any material which may impair adhesion. 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. Surfaces with high or uneven suction must also be suitably prepared. Mask round the areas where material is to be applied. Suitable specification clauses, including specifications for difficult or mixed substrates, are available from PPG's Technical Advisory Department.

KEY PROPERTIES

- Cement Based High Polymer Insulation Panel Adhesive
- Specially developed adhesive for external wall insulation systems

MIXING

Johnstone's Trade Stormshield High Performance Insulation Panel Adhesive 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 adhesive again. This process allows the chemical additives to properly dissolve and fully activate.

NOTE: Johnstone's Trade Stormshield High Performance Insulation Panel Adhesive 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 trowel to apply Johnstone's Trade Stormshield Insulation Panel Adhesive across the surface of the insulation panel, and then use a notched trowel to create ribs in the adhesive. When the insulation boards have been correctly prepared with adhesive they should be pressed into place with a twisting and sliding action to ensure the best possible contact with the substrate and strong adhesion. 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