

DESCRIPTION

Johnstone's Stormshield High Performance Insulation Panel Adhesive is a vapour permeable, polymer modified adhesive offering excellent adhesion to most masonry and cement board substrates for most types of insulation materials, including phenolic, mineral wool and polystyrene.

RECOMMENDED USES

Specially developed adhesive for external wall insulation systems.

COLOUR RANGE

Grey

COVERAGE

Approx. 4kg/m²

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.

Insulation 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.

TRANSPORTATION & STORAGE

Johnstone's Stormshield 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.

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 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.

PROFESSIONAL APPLIERS

Safety data sheet available for professional user on request.

MIXING

Johnstone's 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 Stormshield 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 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 Stormshield 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

- 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.