

Warmshell Board Adhesive

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For insulation boards in the Warmshell range, including woodfibre, woodwool, graphite EPS and XPS Plinth board.



Description

Warmshell Board Adhesive is a breathable, active moisture-wicking adhesive for Warmshell Insulation boards applied to porous backgrounds. With a high lime content, it has natural biocidal properties and works with the rest of the Warmshell system to help keep the wall dry. Careful choice of ingredients mean that our adhesive does not contain toxic or persistent biocides and has very low VOCs.

Warmshell Board Adhesive is not for use as a tile or stone adhesive, nor for application to waterproofed backgrounds. When applied with External Wall Insulation (EWI) Warmshell Board Adhesive is only used as a supplementary adhesive and mechanical fixings should also be installed for resisting wind loads.

Colour

White to off white

Packaging

20kg bags, 48 per pallet.

Storage

Store in a dry place free from damp and drafts. Shelf life is 6 months when stored correctly. Use within 24 hours once open.

Coverage

One bag covers approximately 2.5m² applied with a 10mm notched trowel.

Preparation

Work in temperatures of 5°C to 25°C. Backgrounds should be reasonably flat and straight and must be porous: apply an undercoat of Lime Green Duro if necessary. For other substrates check compatibility before commencing work. Ensure surfaces are free from dust and contamination. Do not apply to wet or contaminated backgrounds.

Product Data

Mixing

Add approximately 4 ¼ litres of clean water per bag and mix with a paddle in a bucket until a creamy consistency is reached. If a skin forms over the adhesive due to drying out or high temperatures it should be disposed of.

Once mixed use within an hour.

Application

Ensure the substrate is cured and hardened before starting. The substrate must not be saturated, but if it is extremely dry it can be lightly wetted before starting with a light mist of clean water.

Apply Warmshell Board Adhesive with a notched trowel to the entire back of the board, combed so the direction will be vertical once the board is fitted. Various notched trowels may be used. If the background is not sufficiently plumb the wall can be back buttered as well.

Starting from the bottom, firmly push the boards against the wall to collapse the bed of adhesive. As the adhesive is squashed in ensure full coverage is achieved, with no air gaps. Leave to set and harden well before undertaking further work.

Aftercare

Allow to cure for a minimum of 3 days before surface dressing

Cleaning & Disposal

Clean tools and mixers with clean water. Hardened mortar can be removed with careful application of brick acid.

Dispose of waste in accordance with local regulations. Un-hardened plaster is classed as hazardous, and non-hazardous once set and dried.

Safety

Wear PPE when mixing and applying. See MSDS for detailed information.

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