

# Lime Green: Warmshell Aerogel Adhesive

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A breathable, mineral adhesive for sticking thermally insulating aerogel boards and blankets to walls, and to prime them ready to be plastered.

### Description

Warmshell Aerogel Adhesive is a ready to use paste for fixings Warmshell Aerogel Insulation Boards to masonry walls. Once in place it is also used to prime the face of the aerogel, so it can be plastered later.

### Colour

White

### Performance

Aerogel adhesive is capillary and vapour open for compatibility with solid walls. Sd value =0.024

### Packaging

Packed in UN tins of 9kg or 20kg. Up to 100 or 40 per pallet respectively.

### Storage

Store in a dry place between 5° and 30° Celsius. Do not allow to freeze. Shelf life of 36 months

### Coverage

1m<sup>2</sup> requires approximately 4kg when applied with a 4mm notched trowel.

Allow approximately 1kg per m<sup>2</sup> to prime the face of the aerogel board.

### Preparation

Remove any old coatings which may act as a vapour barrier, such as wallpaper, old paints and similar. Prepare the background with a levelling coat of Lime Green Duro or Lime Green Ultra, and finish with a nail float or plasterers' plane to a flat finish. If an existing unpainted lime plaster is in place check it is well bonded and treat with Silic8 Penetrating Solution before application of the aerogel. Make sure the background is dry before applying the aerogel adhesive and blanket.

### Mixing

Re-stir well before use.

## Product Data

### Application

Work in temperatures from 5°C to a maximum of 30° C. Lay the aerogel board on the floor and apply the adhesive across the back of it in a continuous bed, using a 4mm notched spreader. Alternatively, apply a thin skim to the back of the aerogel, and use a notched trowel to the wall. Push the board tightly up against the wall and allow it to “grab” into place. Do not readjust or move the aerogel after the initial grab has taken place. Apply fixings as required.

Once fixed in place use a trowel to work in a very thin layer (less than 0.5mm) into the surface of the aerogel and leave to set and dry.

### Aftercare

Allow to dry and harden for at least 5 days before further coating with an appropriate Lime Green plaster or render.

### Cleaning & Disposal

Avoid discharge to lakes, streams, sewers, etc. Contain spills and soak up with cement or lime or similar. Once hardened dispose as concrete / mortar waste.

### Composition

Based on water glass and aggregates. Low VOC

### Disclaimer

Information is based on our latest knowledge and testing under controlled conditions. Variations on site due to different materials, building methods and designs, weather etc. may affect the outcome.