

# Spacetherm<sup>®</sup> MgO Filler Adhesive

THERMAL INSULATION

## Overview

Spacetherm MgO Filler Adhesive is a mineral based filler and adhesive in one, designed to complement the installation of Spacetherm laminates whilst still remaining vapour open and noncombustible. The filler is a mineral silicate based product with a high bond strength and very fine consistency. Spacetherm MgO Filler Adhesive is tested for vapour diffusion to reassure you that water vapour is not trapped in the fabric of your building. No VOC, no odour, water-based and vapour permeable, our natural mineral and water-glass products are free from any other cobinders such as solvents, gypsum and cement. Our Spacetherm MgO Filler Adhesive plaster primer is available in 12kg UN certified containers. Spacetherm MgO Filler Adhesive has been specially formulated for Spacetherm boards.

## Preparation

- Substrates must be clean and dry and free from any loose material prior to application.
- Do not use on contaminated surfaces, extreme environments or in any unusual circumstances.
- Do not store or use in extremes of temperature (<5C or above 30C).
- Protect surrounding surfaces, particularly glass.
- Store in airtight containers and used within 12 months.
- Do not store, or use in temperatures <5C or above 30C.

## Application

- Stir well before use.
- All surfaces must be sound and dry and free from and loose material. (Dry is 18% wme or below )
- Sanding is recommended within between 24 and 48 hours once completely dry.
- If the surface is to be plastered then Magply MgO Primer should be used.
- Appropriate vapour open plasters can be applied over the filler adhesive after a full 7 day cure period. Ensure that the plaster is appropriate to the task.
- Ensure all boards are securely fixed in accordance with instructions.
- Can be applied with a trowel, spatula, or tube applicator, vary according to application.
- Fill deep or large areas in layers for best results.
- For improved crack resistance at board joins use an appropriate jointing tape.
- Allow to dry before additional applications or drying. Drying times vary depending on thickness of application (2-36 hours).
- Once dry, the filler-adhesive can be sanded, or further applications applied over.
- This is a natural mineral product and cures over time building up bond strength as an adhesive.

**Coverage: 10mm bead extends approximately 9m per kg**

## Technical

- **pH value in liquid state:** pH 11.1
- Odourless
- Dries off-white
- Non-hazardous
- No VOC's
- **Application rate varies according to use;** approximate spread rate 500g/m<sup>2</sup> on a flat even surface
- **Storage life (unopened tins):** 36 months if kept well sealed (protect from frost, moisture and temperature extremes)

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## Aftercare

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- Clean any splashes and spills immediately.
- Allow to dry completely before further application, plaster coverings or decoration.
- Wash splashes, tools and brushes with water.
- Dispose of all surplus material in accordance with your local regulations (EWC 06 02 99).
- Cleaned tins are 100% reusable and recyclable.

If splashed on the skin wash off immediately with water. Wear the appropriate Personal Protective Equipment; Refer to the Safety Data Sheet before use.

## Further Information and Safety

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**Please refer to special instructions and safety data sheets for full safety information.**

- **Labelling according to EU guidelines:** The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials. There is no harmonised standard which is why we have our products independently tested to ensure all our products maintain a very high standard. Materials. There is no harmonised standard which is why we have our products independently tested to ensure all our products maintain a very high standard.

**Risk phrases:**

- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R22 Harmful if swallowed
- R43 May cause sensitisation by skin contact

**Safety phrases:**

- S1/2 Keep out of reach of children
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S24/25 Avoid contact with skin and eyes
- S36 Wear suitable protective clothing
- S61 Avoid release to the environment

This information is given to the best of our knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This document does not dispense the user from knowing and applying all rules and practices related to his activity and must not be considered exhaustive. It does not exonerate the user from other obligations to be respected, supplementary or prescribed, outside the content of this document for which he remains solely responsible.



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