

THERMAL INSULATION FOR WALLS AND CEILINGS

APPLICATION INSTRUCTIONS

“A Rule Of Thumb” for applying *SEMPATAP*:

**If the surface is free from mould - is dry and firm enough to take wallpaper -
it is dry and firm enough to take *SEMPATAP***

1. Mould growth on walls and ceilings to be treated in accordance with MGC specification for the eradication of mould. Mould infected surfaces must be sterilised with RLT BACTDET 05. Dilute at 1:4 with warm water and apply by brush, cloth or sponge, extending treatment one metre beyond visible signs of infection. Wallpapered surfaces must be washed down with RLT BACTDET 05 solution prior to stripping. Bag up wallpaper, seal and remove from the premises immediately. Wash infected area again with RLT BACTDET 05 solution and allow to dry before proceeding. Apply by brush one coat of RLT HALOPHEN diluted at 1:4 with water to previously mould infected areas, extending treatment one metre beyond visible signs of contamination.

SURFACE PREPARATION

2. Existing wallpaper should be removed, artex ceilings should be sanded to remove all high peaks. Fill all large cracks, holes etc using *SEMPATAP* fine grade filler. Remove all flaking paint, gloss painted walls to be lightly abraded and washed with sugar soap then rinsed clear. All highly porous surfaces, chalking substrates and artex ceilings to be primed with one coat of *SEMPATAP* ‘A’ PRIMER and allowed to dry.

ENSURE SURFACES ARE FIRM, DRY AND FREE FROM MOULD

APPLICATION OF *SEMPATAP* THERMAL LINING

3. Cut *SEMPATAP* to length, allowing 25mm overlap at each end.
4. Roll-up cut length of *SEMPATAP* with **foam** facing out.
5. Apply *SEMPATAP* ADHESIVE with serrated MGC ADHESIVE SPREADER, or suitable notched trowel. Only apply one drop length area at a time.
6. Hold the rolled-up piece of *SEMPATAP* in one hand and unroll the first half metre, (keep remainder rolled-up), and apply **foam** side to the wet adhesive. **Keep the roll on the wet adhesive.** Unroll another half metre. Using light hand pressure, smooth out the unrolled piece that is in contact with the adhesive. If light pressure is used, *SEMPATAP* can at this point be repositioned by sliding into place.
7. When *SEMPATAP* is in the required position, apply firm hand pressure, or use the handle of a paper hanging brush or the blade of MGC *SEMPATAP* SPATULA over the first metre. The remainder can then be unrolled down the wet adhesive and smoothed out. Once applied, ‘firm-up’ with the same tool.
8. Firmly push *SEMPATAP* into sharp internal angles - ceiling line, skirtings etc. with MGC *SEMPATAP* SPATULA. Trim the top and bottom edges using a sharp bladed knife. (The type of knife with a snap-off blade is ideal).

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9. Apply subsequent pieces as above, **but** leave a narrow gap between each piece. The gap should be approximately 1-2mm.
10. Complete the application of SEMPATAP to the area being treated.
11. All open joints and seams are to be filled with SEMPATAP SEALANT. This product is supplied in a standard size mastic cartridge and the nozzle is pre-cut. Place the pre-cut SEALANT nozzle into the seam/joint. A few squeezes of the cartridge gun is all that is required to ensure the sealant flows from the cartridge into the seam. When the seam has been filled, 'knife-off' using a broad blade stripping knife held at right angles to the SEMPATAP face. Leave to dry, (ideally overnight), before proceeding with the decorative finishes.
12. **EXTERNAL ANGLES, WINDOW REVEALS, SOFFITS ETC:**

Cut SEMPATAP EDGING TAPE to required length, fold along the plastic crease line to form a right angle. The plastic should be facing inside. When applied, only the paper side is seen. Brush SEMPATAP ADHESIVE along the plastic and the paper, set to one side and leave to soak for a couple of minutes. Locate over the corner of the SEMPATAP and smooth out. Remove excess adhesive and leave to dry. SEMPATAP EDGING TAPE can be 'feathered out' using SEMPATAP SURFACE FILLER.

13. **DECORATIVE FINISH**

EMULSION - Apply 2 coats of BIOCHECK Matt or Silk Emulsion by brush or roller at a coverage of approximately 12 square metres per litre per coat. The first coat may be diluted with 10% clean water. It is recommended that Silk is used in kitchens and bathrooms.

WALLPAPER FINISH - add 2 MGC FUNGICIDAL ADDITIVES per 5 litres of paste or size and mix well in for all wallpapering. For embossed and woodchip papers apply 2 coats of BIOCHECK Matt or Silk Emulsion.

GLOSS FINISH - for woodwork, metal windows, etc.

Clean down, as described in Stage (1), to remove any mould contamination. Rub down previously painted surfaces with glasspaper to form a good key. Apply 2 finishing coats of BIOCHECK WATER BASED GLOSS to all general surfaces. Bare surfaces should be primed with one coat of BIOCHECK WATER BASED GLOSS.

For remedial treatment to floors, especially those with 'cold bridging' or impact noise problems, use ***SEMPAFLOOR THERMAL & SOUND INSULATION FLOOR LINING***.

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