

INSTALLATION GUIDE

WOOD FIBRE SYSTEM

Breathaplasta Thermal is ideal for use as part of the Wood Fibre Board IWI System, as using Thermal to level the masonry walls prior to fitting the boards adds additional airtightness and thermal insulation to the wall to further reduce heat loss.

Important notes for wood fibre IWI system:

- Ensure the masonry is consolidated. Dub out the masonry if needed – fill holes and level off.
- Levelling coat should be set and firm before fitting wood fibre boards.
- Breathaplasta Universal should be mixed and applied to the reverse side of the board using a 10mm u-notch trowel to provide a combed coat. Immediately place the board in position against the wall and knock into place with your hand.
- Boards must be mechanically fixed through the levelling coat and secured into the masonry structure behind. Fit first board at base of wall – fasten in the centre with one fixing. Fit additional boards ensuring vertical joints are staggered. Use 5 fixings per board on masonry, or as specified by board manufacturer.

Mist

With water



Mist the masonry surface with clean water to help control suction.

Mix

Water required



Add 1 x 9kg bag of Thermal to approx. 5 litres of clean water.

Mix Time



Mix the plaster using a paddle mix for approx. 3 minutes.

Apply

Levelling coat(s)



Apply levelling coat(s) of Thermal at 10-15mm per coat by hand or 20-30mm per coat by spray machine. Up to 30mm (max per day).

Set

Setting time



Setting time per coat of Thermal is approx. 2 hours.

Finish

Trowel flat and even



Trowel flat and even, ready for boards to be fitted. Levelling coat should be set and firm before fitting wood fibre boards.

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Good for our buildings



Good for our health



Good for our planet

Equipment Required:

Breathaplasta Thermal, clean water and brush or mister, hawk, trowel and plastering tools.

Surface preparation:

Consolidate wall to ensure no loose material. Surface should be uniformly flat. Consider if a breathable plaster primer is required. Mist the masonry surface with water to help control suction as needed.

Recommended plaster thickness:

Apply levelling coat(s) of Thermal in even 10-30mm coats.

Recommended plaster application:

1. Use Thermal to dub out any large holes and to level wall prior to main plastering.
2. Apply levelling coat(s) of Thermal at 10-15mm per coat by hand (approx. 2 hrs setting time per coat) or 20-30mm per coat by spray machine. Up to 30mm (max per day).
3. The plaster should be made flat and even using a trowel or straight edge, ready for boards to be fitted. Levelling coat should be set and firm before fitting wood fibre boards. Boards must be mechanically fixed into masonry background.

Coverage per 9kg Thermal bag:

2m² at 10mm thickness

Setting time per coat:

2 hours