

Concrete Floor

Preparation

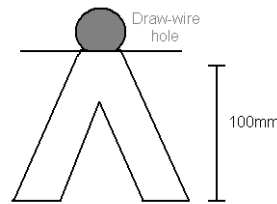
1. The existing concrete floor must be flat, swept clean of debris, plaster and dust, and have no oil or paint etc. This is to ensure good adhesion.
2. Cut the boards to fit the shape of the room, with staggered joints, before adhering them to the floor (*see example below*). The board can be cut using a basic “box cutting” blade, Stanley knife or jigsaw.



Fixing of Marmox Boarding with Tile Adhesive

1. Once the Marmox is laid out in the above pattern, it is ready to be fixed to the floor with tile adhesive. This is done in the same way a tiler would lay tiles. A flexible tile adhesive, which can be purchased at any tile or hardware shop, is used.
2. Mix up a bucket of tile adhesive following the instructions on the bag. One x 20kg bag should cover approx 13m² with a 6mm notch trowel. Individually lift each board up and evenly spread the adhesive, making sure that all of the area is covered with adhesive.
3. Place the board back in its original position. At this stage you need to gently press down on the board so no voids (air) is left beneath. **NOTE: Too much pressure causes the adhesive to squirt out leaving the edges un-adhered to the concrete when it dries. Edges which do not connect to other board edges (such as doorways) can be particularly prone to this.**

If Marmox is being used in conjunction with Warmup undertile heating, and a waterproofing layer is to be installed before the heating, a “fishtail” cut will need to be removed where the draw-wire exits the bottom of the wall. This is to avoid piercing the waterproofing when the heating is installed.



When all of the individual Marmox boards have been laid, scrape away any excess adhesive that may have squirted up through the gaps, to ensure a nice flat floor for the tiler.

Wooden Floor

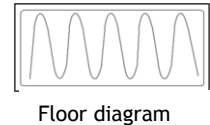
Preparation

1. The existing timber floor must be flat, swept clean of any debris, plaster and dust etc. This is to ensure good adhesion.
2. Cut the boards to fit the shape of the room, with staggered joints, before adhering them to the floor (*see example below*). The board can be cut using a basic “box cutting” blade, Stanley knife or jigsaw.

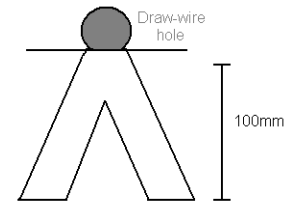


Fixing of Marmox Boarding with Adhesive

3. Once the Marmox is laid out you are ready to fix it down. One product that can be used is Bostik, Tuff as Nails, adhesive-polystyrene friendly/solvent free. Individually lift up each board and apply the glue around the edge of the floor where the board will go and zig-zag in the centre (*see example right*) to ensure it will be securely adhered to the floor.
4. Place the board back in its original position. At this stage you need to gently press down on the board so no voids (air) is left beneath.
5. The board then needs to be fixed using 25mm clout/jolt head nails or wallboard screws at 150mm centres, approximately 40 fixings per board.
6. Long joins need to be bandaged with a fiberglass adhesive tape (eg Fostoc Fibatape)



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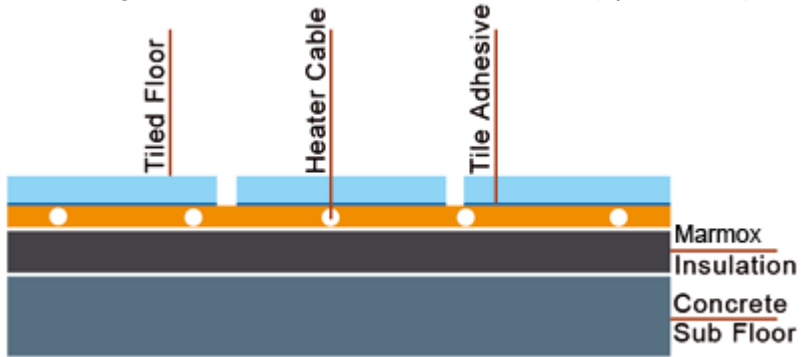
When all of the individual Marmox boards have been laid, scrape away any excess adhesive that may have squirted up through the gaps, to ensure a nice flat floor for the tiler.

There should be no foot traffic on the Marmox boarding until dry or for approximately 8 hours.

Cross Section of Marmox Insulation Installation

Existing Floor - Concrete

New Floor Being Laid - Tile, Ceramic or Natural Stone (up to 20mm)

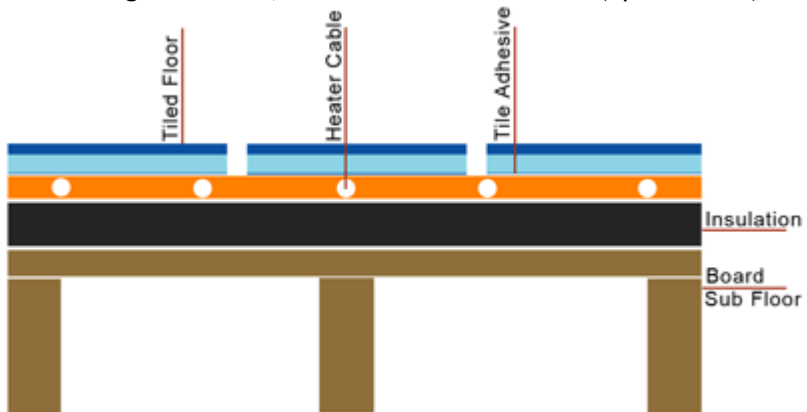


"It's what's underneath that counts"

INSTALLATION INSTRUCTIONS

Existing Floor - Timber

New Floor Being Laid - Tile, Ceramic or Natural Stone (up to 20mm)



NOTE

- Sheets are 1250mm x 600mm and are either 6mm or 10mm in thickness
- Each sheet covers approximately 0.75m²
- One box of 10mm Marmox has 6 sheets and covers approximately 4.5m²
- One box of 6mm Marmox has 8 sheets and covers approximately 6.0m²

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