

ThermRite ProTile20 Boards

Product Information & Technical Data Sheet

Description

ThermRite 20mm ProTile20 Boards are the Ideal Low-Profile Solution for installation of a water system onto existing floors and install tile floors directly on top

Preparation

1. Before installation of the ProTile20 panels ensure the sub floor is clean and free of debris.
2. Check for flatness of the floor, an SR2 finish should be the minimum standard (+/- 5mm over a 2m straight edge).
3. Take time to plan the layout of the panels to minimize wastage and the amounts of cuts needed during the installation.
4. Check the UFH pipework layout drawing (supplied by the UFH manufacturer) to establish the correct orientation of the boards for each room.
5. Cutting the panels – the boards should be cut using a circular saw or using a sharp Stanley knife and straight edge to cut through the glass fibre and cement facings.

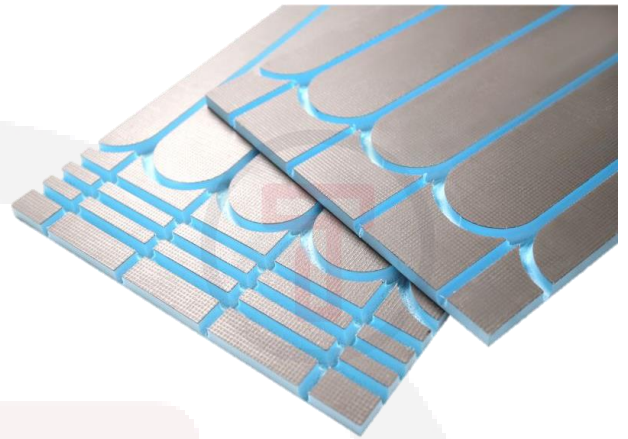
Board Fixing

The panels need to be fixed to the subfloor, you can either use:

1. A suitable flexible adhesive applied with a notched trowel to bond the ProTile20 boards to the subfloor. Avoid traffic over these areas during curing time.
2. Mechanical fixing (Screws) – use 35mm disc washers and either wood screws for timber subfloors or TAPCON screws for concrete subfloors (self-tapping concrete screws - no need to plug and screw).

Installation

1. The first board should be laid into the corner of the room, leaving a 2-3mm gap to any parallel running walls.
2. The second board should be installed in line with the 1st board, use an offcut of UFH pipe to ensure the routings line up (where necessary).
3. Continue laying boards until you complete the row (using the relevant 'return' board to complete the row and allowing the UFH pipework to return on itself).
4. Once all panels are installed, lay UFH pipework in accordance with manufacturers guidance.
5. Tiling can be laid directly over the system – we recommend priming the boards with a tiling primer, as well as filling any gaps with flexible tiling adhesive. If laying carpet/vinyl/wooden floor finish, we recommend 10mm levelling compound over the top of panels.



Specification:

Dimensions:

- Length – 1200mm
- Width – 600mm
- Thickness – 20mm

Panel M²:

0.72m²

Compressive Strength:

300 kPa

Composition:

1. XPS Panel
2. Cementitious Layer

Pipe Spacings:

150mm

Floor Finish:

Tile Floor Finish

