

6025 Mat Monitor Instructions

The mat alarm is a small white unit that is used to monitor the integrity of the cable during tiling or screeding.

PLEASE NOTE: The use of the mat alarm does not replace the need for the full resistance tests as outlined on the previous page at any stage throughout the installation.

Do not proceed with tiling/self-levelling/screeding if the resistance reading is not within -5% to +10% of the values published on the cable labels. Once the tests have been completed you will need to install the mat alarm.

The mat alarm is there to safeguard against any damage to the heating element during the tiling or self-levelling process. It gets connected to the end of the cold tail. The monitor is designed to monitor the cables individually however by making a temporary 'series' connection of multiple cables it can monitor up to three cables at a time

1. Switch the unit on and the alarm should sound, and the red light will be lit. The alarm will sound when the cables are not connected.
2. When the cables are connected the green light will be lit. If the green light goes out, please replace the batteries before continuing.
3. Make sure the cables to be monitored are not connected to a power source. Wire up the cold tail to the mat alarm as per the photo opposite and details below.
4. Set the switch to the 'ON' position and the green light will indicate that the monitor is operating.
5. Hang or place the monitor where it can be seen and heard during installation.
6. A red light and alarm indicates cable damage or disconnection of cables from the monitor. Check connections and the integrity of the heating cable before continuing with the installation.
7. If damage to the cable is suspected please contact the technical helpline on 1300 989 464.

For a single element

Terminal 1: Neutral

Terminal 2: Live

Terminal 3: Earth

For two elements

Terminal 1: Neutral from mat 1

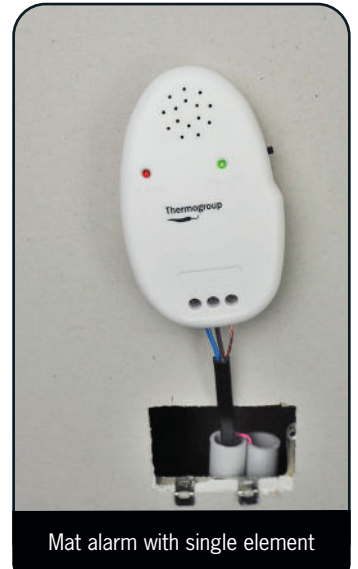
Terminal 2: Live from mat 2

Terminal 3: Earth from both mats

Twist together the live from mat 1 and the neutral from mat 2 to complete a series circuit

IMPORTANT!

Multiple mats are connected to the alarm in series, for monitoring purposes only. When completing the final circuit, multiple mats must be connected to the thermostat in parallel.



Mat alarm with single element



Mat alarm with two elements wired in series



Scan here to view the video on mat alarm explanation and wire up