

# 6025

## MAT MONITOR

Testing the resistance of the heating is very important. You must check the resistance between the brown and blue cables with a multimeter. Then you need to compare this with the reading on the cable and record this on the enclosed warranty card. It is very important that the reading is within 10% of the reading on the cable.

Do not proceed with tiling/self-levelling if the reading is not within 10% of the values published on the cable labels.

Once the test has been done you will need to install the mat alarm.

1. Insert two AAA batteries in the battery compartment at the back.
2. Switch the unit on and the alarm should sound and the red light will be lit when the cable is not connected.
3. When the cables are connected the green light will be lit. If the green light goes out please replace the batteries before continuing.
4. Make sure the cables to be monitored are not connected to a power source. Connect the system leads at the beginning of the project to detect any faults.
5. 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. See below for details on wiring this up.
6. Set the switch to the 'ON' position and a green light indicates that the monitor is operating.
7. Hang or place the monitor where it can be seen and heard during installation.
8. A red light and alarm indicates cable damage or disconnection from the monitor. Check connections and the integrity of the heating cable before continuing the installation.
9. If damage to the cable is suspected please contact the technical helpline on 1300 368 631.



### For a single element:

Brown cable	Terminal 1
Blue cable	Terminal 2
Yellow cable	Terminal 3

### For more than 1 element:

Brown cable of the first element	Terminal 1
Blue cable	Brown cable of element 2
Blue cable of second element	Terminal 2
All yellow cables	Terminal 3

### 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 power source in parallel.

