

Mapeheat Fault Sensor

Electrical Fault Indicator for Mapeheat Floor Heating



DESCRIPTION

Mapeheat™ Fault Sensor simultaneously monitors the hot, neutral and ground wires during installation of Mapeheat radiant-floor-heating products.

FEATURES AND BENEFITS

- Safeguards heating system during installation
- Illuminates and sounds alarm if floor-heating system is damaged during installation
- Compatible with 120 V and 240 V floor-heating products
- Batteries included

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LIMITATIONS

- Use of *Mapeheat Fault Sensor* does not replace insulation and resistance tests, which must be completed before, during and after installation.

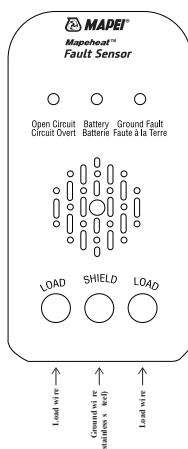
PRODUCT USE

Mapeheat Fault Sensor is compatible with *Mapeheat Cable* and *Mapeheat Mat*. Read all installation instructions thoroughly before installation.

1. Press the center black button to insert the ground wire (a stainless steel braid) of the heating element into *Mapeheat Fault Sensor's* center hole (marked "Shield"). Then release the black button to secure the wire.
2. Press the left and right black buttons to insert the load wires into *Mapeheat Fault Sensor's* left and right holes (marked "Load"). Then release the black buttons to secure the wires. When the load and ground wires are properly inserted into *Mapeheat Fault Sensor* wire holes, *Mapeheat Fault Sensor* will produce one of two alarms:
 - For load wire damage or an incomplete circuit of the load wires: A single-tone alarm will sound, and the "Open Circuit" light will illuminate.
 - For ground wire damage: A dual-tone alarm will sound, and the "Ground Fault" light will illuminate.

Note: 120 V versions of *Mapeheat Cable* and *Mapeheat Mat* have white and black load wires. 240 V versions of *Mapeheat Cable* and *Mapeheat Mat* have red and black load wires. There are no polarity requirements, meaning each wire can be inserted into either side.

3. *Mapeheat Fault Sensor* should be connected throughout the installation of *Mapeheat Cable* or *Mapeheat Mat*. If multiple heating systems are being installed simultaneously, a separate *Mapeheat Fault Sensor* must be used for each heating system.



ADDITIONAL INFORMATION

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

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For the most current product data and BEST-BACKEDSM warranty information,
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