



**Mapeheat™ Mat**  
Shower Installation  
Instructions

Technology from



# Shower Installation Instructions

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These instructions are an addendum to the *Mapeheat Mat* Installation Handbook included in the packaging of each *Mapeheat Mat*. *Mapeheat Mat* can be installed in wet environments such as showers, saunas and steam rooms. Whenever *Mapeheat Mat* is installed in wet environments, the following precautions must be observed:

1. Use a separate *Mapeheat Mat* for the shower area.
2. *Mapeheat Mat* that is installed within wet environments cannot be repaired if damaged. The *Mapeheat Mat* must be replaced.



MAPEI's *Mapeheat Mat* is UL-approved for wet applications.



## **WARNING**

This component is an electrical device. It must be installed correctly to ensure proper operation and to prevent shock or fire. Read and carefully follow these important installation instructions. Consult with your construction contractor to ensure that waterproof requirements are met per local building codes.

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## STEP 1

Once the mortar bed has set, dry-fit *Mapeheat Mat* to verify its dimensions and ensure that it fits the contours of the shower area.

Conduct insulation and resistance tests. Record the readings in the Mat Resistance Log found inside the *Mapeheat Mat* Installation Instructions.



## STEP 2

Prepare the acrylic/latex-modified thin-set. Using at least a 1/4" x 1/4" (6 x 6 mm) square-notched trowel, spread a coat of thin-set over the mortar bed.

Place *Mapeheat Mat* onto the fresh thin-set, pressing firmly with a grout float or lightweight roller. Create 100% contact between the heating mat, the thin-set and the mortar bed. Press out any air bubbles or wrinkles. Ensure that the slope of the mortar bed is maintained to direct water toward the shower drain.

Allow the thin-set mortar to set per the manufacturer's instructions.

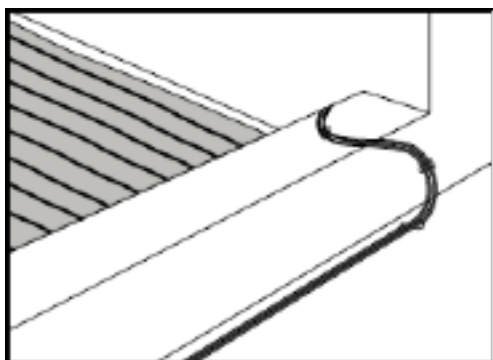
Conduct insulation and resistance tests. Record the readings in the Mat Resistance Log found inside the *Mapeheat Mat* Installation Instructions.



## STEP 3

Using hot glue, secure the cold lead to the mortar bed and over the shower curb. To minimize tension on the cold lead, use an "S" formation to bring the cold lead over the shower curb. Do not allow the tip of the hot glue gun to touch the cold lead as it may damage *Mapeheat Mat*.

Route the supply leads to the junction box.





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