



Self-levelers and *Mapeheat*™ Membrane installations over 200 sq. ft. (18.6 m²)

MAPEI authorizes the use of all its self-levelers with the *Mapeheat Membrane*. There are a few guidelines to follow in order to have a successful installation. A self-leveling compound applied atop the *Mapeheat Membrane* allows for the installation of several types of coverings such as: ceramic or porcelain tile, marble, mosaics, granite, natural stone, luxury vinyl tile (LVT), luxury vinyl plank (LVP) and laminate/engineered wood.

MAPEI self-leveling compounds contain expansion agents to compensate for shrinkage during drying. These agents create a slight expansion that could cause cracks or even generate a fairly high tension that could delaminate the membrane from the substrate. We recommend when installing in areas larger than 200 sq. ft. (18.6 m²), to apply a self-adhesive compressible-foam tape (see image #1) to help control the expansion of the self-leveler. The foam should be used to divide the area into equal size sections.

Use 1/4" (6 mm) to 1/2" (12 mm) foam tapes to meet the required thickness of the self-leveler. The substrate must be flat and plumb before installing the *Mapeheat Membrane*.



Image 1

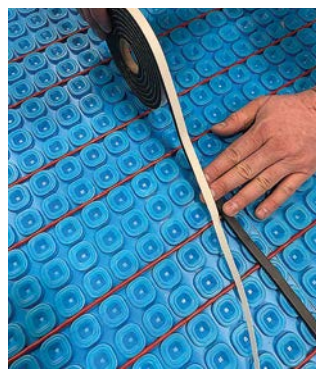


Image 2



Image 3

Put the self-adhesive foam tape directly on the pillars of the *Mapeheat Membrane*, taking care to remove the paper tape on the self-adhesive part (see image #2). Use self-adhesive foam weatherstripping or sill plate foam to form the perimeter expansion joints.

After choosing the appropriate self-leveling compound for your installation, pour it to cover the membrane to a required thickness of between 1/4" (6 mm) and 1/2" (12 mm) to promote even heat distribution (see image #3). The drying time of self-leveler must be respected before removing the foam tape. Take care to clean the cavity well with a broom or a vacuum cleaner to remove any loose debris.

Subsequently, fill the cavity with an appropriate mortar, such as *Keralflex™ Super* in the case of laying tiles, or with a suitable cementitious skimcoating compound in the case of a floor covering such as LVT or engineered wood, for example (see image #4).



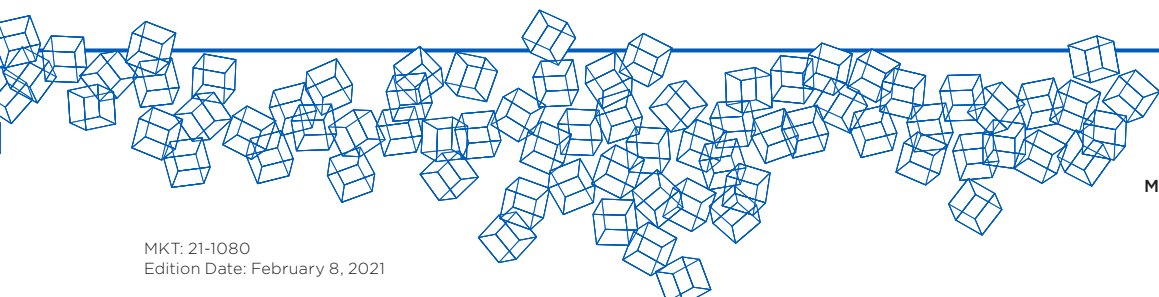
Image 4

Before installation, always check the flooring manufacturer's recommendations on heating floor installations.

Thickness above the <i>Mapeheat Membrane</i>	Approx. Coverage* per 50 lbs. (22.7 kg)
1/4" (6 mm)	18 sq. ft. (1.67 m ²)
1/2" (12 mm)	10 sq. ft. (0.92 m ²)

* Coverage includes the membrane infill and the coat of self-leveling above the membrane pillars.

Job site conditions may vary and may present circumstances not described in this technical bulletin. For the most recent product information, visit www.mapei.com or contact the MAPEI Technical Service team.



MAPEI Headquarters of North America
 1144 East Newport Center Drive
 Deerfield Beach, Florida 33442
 1-888-US-MAPEI (1-888-876-2734) /
 (954) 246-8888

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