

Floor Covering Installation Systems

Mapesonic[™] 2 approved over Mapeheat[™] Membrane.

The *Mapesonic 2* sound reduction and crack isolation membrane is designed for many applications, particularly in commercial and residential buildings. It is now approved for use with the *Mapeheat* radiant floor-heating system as well.

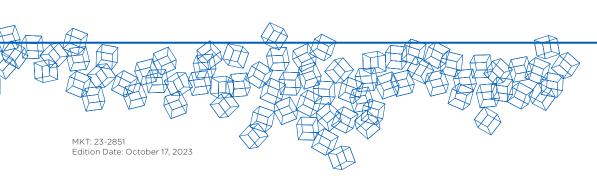
Following a request from our customers for a solution combining the benefits of radiant floor heating and sound reduction, we tested these two membranes together in a system, to find out whether the *Mapesonic 2* membrane acted as a thermal insulator in the assembly. The results were conclusive: there was no significant difference in temperature between an assembly with the *Mapesonic 2* membrane and one without it.

The installation method is as follows:

- On a suitably prepared substrate, install Mapeheat Membrane (together with the Mapeheat Cable in a configuration for either 12W or 15W), using any of Keraflex™ RS, Ultraflex® RS or Ultraflex LFT™ Rapid polymer-modified mortars, as per the product's Technical Data Sheet (TDS).
- 2. For moisture-sensitive flooring, waterproof the seams using *Mapeguard® WP ST* sealing tape with the same rapid-setting mortar.
- 3. Run the sealing tape at least 2" (5 cm) up the walls to protect moisturesensitive flooring.

- Allow sufficient curing time, based on which setting mortar was used in Step 1 (refer to the respective TDS).
- 5. No primer is needed before pouring a self-leveler over the Mapeheat Membrane. Pour any MAPEI self-leveler at a minimum 3/8" (10 mm) to a maximum of 1/2" (12 mm) thickness (above the highest point of the Mapeheat Membrane) and allow it to cure before proceeding with the installation of the Mapesonic 2 membrane.
- Apply MAPEI SM Primer™ and install the Mapesonic 2 membrane according to the instructions in the respective TDSs.
- Install the flooring of your choice with the appropriate adhesive. For resilient flooring, check with the manufacturer for any specific recommendations they may have when installing together with a radiant floor-heating system.

Please contact MAPEI Technical Services if you have additional questions regarding our products.





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