



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:

1. 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 moisture-sensitive flooring.
4. 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.
6. Apply *MAPEI SM Primer™* and install the *Mapesonic 2* membrane according to the instructions in the respective TDSs.
7. 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.

