

INSTALLATION GUIDELINES – MAPEHEAT + ACOUSTITECH CERAMIC

DATE: 04/12/2020

AcoustiTECH PRODUCT: AcoustiTECH CERAMIC membrane

OTHER MATERIAL: Mapeheat cable + Mapeheat membrane

Attachment with this letter: Mapei Surface Preparation guidelines + Mapeheat

Warranty Lifetime system + Technical data sheets

MAPEI is proud to offer a Lifetime System Limited Warranty using MAPEHEAT cable, MAPEHEAT membrane and AcoustiTECH CERAMIC membrane. Please refer to documents in attachment for more details.

The following is the installation method recommended by Mapei:

- AcoustiTECH CERAMIC membrane adhered to cement slab (concrete slab)* using AcoustiTECH AD-532+ or AcoustiTECH AD-280 adhesive;
- MAPEHEAT membrane adhered to the AcoustiTECH CERAMIC membrane using a polymer-modified thinset mortar adhesive (such as Mapei Ultraflex LFT or other similar ANSI A118.11 or better product);
- MAPEHEAT cable installed into MAPEHEAT Membrane using flexible spacing of 3/3/3 (10W/ft²), 2/3/2 (12W/ft²) or 2/2/2 (15W/ft²);
 - For a thinner installation assembly, MAPEHEAT Mats can replace the layer of MAPEHEAT membrane & MAPEHEAT cable and can be adhered directly to the AcoustiTECH CERAMIC membrane using the same thinset mortar adhesive described above and applied in the same manner. This method offers a prefabricated floor heating system and is quicker to install.
- Installation of a ceramic tile floor covering using the same polymer-modified thinset mortar adhesive used to adhere the MAPEHEAT membrane (such as Mapei Ultraflex LFT or another similar ANSI A118.11 or better product);
- The temperature of the heated floor must be controlled by a MAPEHEAT thermostat such as the MAPEHEAT Thermo Touch, MAPEHEAT Thermo Connect ou MAPEHEAT Thermo Basic and the thermostat must be installed according to the supplied instructions.

All manufacturer's directions should be followed. Refer to the most current technical data sheet for more detailed information regarding the use of MAPEI & AcoustiTECH products. Technical data sheets, safety data sheets and surface preparation bulletins are available upon request or on both websites.

AcoustiTECH: www.acousti-tech.com/en

MAPEI: www.mapei.com/CA-EN

Defects caused by incorrect installation and/or incorrect subfloor preparation, including insufficient attention to subfloor dampness will void this warranty.

*if the structure has no concrete (wood substrate), this warranty & installation guidelines are still valid as long as the plywood is doubled (no sheathing). Please review the Mapei surface preparation documentation, section 10.

Please contact our customer service for additional questions.

Kind regards,

AcoustiTECH ▪ *Expert Team* 