

## **Warm Tiles® FT Architectural Specifications**

1. The Warm Tiles electric floor warming system has been designed to gently warm flooring materials such as marble, ceramic and porcelain tile, slate, granite and poured or dimensional stone. DO NOT use this product for wood, carpet, vinyl compositions or linoleum type floors. Mats or area rugs not thicker than 1/4" may be placed over the finished flooring.
2. Using this product will not affect the integrity of the tile installation. The tile floor should be installed according to the tile manufacturer's specification or other recognized industry specifications. The Warm Tiles product has a Light Commercial Rating based on the requirements of the Tile Council of America when tested according to ASTM C627.
3. Using either the Classic or Alternating\* installation pattern, this system generates 12 or 18 watts per square foot, respectively, and will gently warm tile floors to a comfortable level. While in use, this system provides supplemental heat. However, the Warm Tiles system should not be specified as a source of primary heating.
4. Specifying the appropriate system requires determining the area to be warmed. First calculate the square footage of the area to be warmed. Areas under cabinets or fixtures (toilets, sinks, tubs, etc.) should not be included. Cable may be applied under showers having tiled floors or precast stone receptors. It is recommended that a Ground Fault Circuit Interrupter (GFCI) be installed, in addition to a suitable water impermeable covering. Consider actual use and traffic patterns when calculating area. Calculate square footage precisely to ensure proper product selection.
5. Consult the appropriate supply voltage chart and select/confirm the correct catalog number of the cable(s) recommended for the calculated square footage installed in the pattern (Classic or Alternating) proper for the installation. Areas exceeding the capability of standard kits may be served by two (or more) separate systems or by a custom-length cable; consult the factory for guidance.
6. The Warm Tiles system is for 120 VAC or 240 VAC operation only. For other voltages, contact the factory.
7. To control the system, specify a Warm Tiles floor warming thermostat in either 120 VAC or 240 VAC. Rated at 16 amps and including a thermistor which must be installed in the floor, the thermostat includes an on/off switch that allows the system to be turned off when not required. Thermostats with set back feature are also available.
8. Connection box should be located in wall cavity directly above where cables will exit wall and enter floor. Sufficient cold lead cable (10 feet) is provided for most installations.