

# QUIETwarmth®

Peel & Stick Radiant Heat for Tile Floors



QuietWarmth® Tile Floor Heat is an ultra-thin, highly efficient radiant heat film integrated in an anti-fracture membrane.

One room or an entire house will benefit from radiant floor heat as a primary or supplemental heat source.

QuietWarmth® Tile Floor Heat low energy consumption mats are designed to deliver optimal thermal comfort through evenly distributed heat with no cold or hot spots.

## ADVANTAGES

### QuietWarmth vs. Other Electric Floor Systems

- **There is no easier radiant floor heating system to install.** Simple 3 step process!
  1. Prepare a clean and stable sub-floor.
  2. Place QuietWarmth Tile Heat Mat, peel back release liner, and adhere to sub-floor.
  3. Thin set and tile on surface.
- **Provides Uniform Heat.** Your floor is heated uniformly with no gaps and the radiant heat is dispersed evenly throughout room.
- **Minimal thickness.** Thin .03" profile will not raise the height of the floor. Easy to peel release liner for fast and easy installation.
- **Factory Attached Leads.** 15' lead wires are connected to one end of each mat for easy routing.
- **Costs less.** Even heat distribution allows the QuietWarmth systems to cycle quicker resulting in less energy actually being used.

### QuietWarmth vs. Hydronic (water)

- **Maintenance free.** No mechanical heaters to heat the water and pumps to move the water. No potential maintenance issues to worry about.
- **Even heat distribution.** Fluids near the end of the tubing

cools compared to fluid at the beginning of the tubing.

- **More efficient.** Hydronic systems must heat the water, then move the fluid by pumping it through pipes.
- **Does not raise the floor.** Most hydronic systems raise the floor to make room for the tubing.
- **Simpler, lower cost installation.** No water heaters, pumps, manifolds tubing and other mechanical parts.

### QuietWarmth vs. Electric Baseboard

- **More efficient and more even heat distribution.** Baseboard heating is located at the room perimeter and overheats the outside of the room. It does not warm the floor or your feet.
- **Safer.** Baseboard heating can be hot to the touch.
- **Better appearance.** Baseboard heaters are unsightly while QuietWarmth Tile is not visible after installation.



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QuietWarmth® FILM  
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## ENVIRONMENTAL ATTRIBUTES

- LEED Compliant for: EA Prerequisite 2, EA Credit 1, MR Credit 2.1, MR Credit 2.2, MR Credit 5.1, EQ Prerequisite 1, EQ Credit 7.1, EQ Credit 3.1, EQ Credit 3.2, ID Credit 1
- 99.9% of energy is turned into heat with no parasitic loss.

## APPROVED FLOOR COVERING MATERIALS

- Ceramic & Porcelain Tile Floors\*
  - Marble floors\*
  - Stone floors\*
- \* Refer to Floor Covering Manufacturer's specifications for compatibility of their product over any radiant heat before installation.

## LIMITATIONS

- This equipment shall be installed only by qualified personnel who are familiar with the materials and operation of the materials and the risks involved.
- Do not install QuietWarmth™ Tile Floor Heat under carpet, vinyl, glued or nailed wood floors.
- Do not install QuietWarmth™ Tile Floor Heat in walls.
- See Tile Floor Heat Installation Guidelines document for substrate requirements.
- Use 12 AWG ROMEX only as supply conductors.

## INSTALLATION

1. Prepare a stable sub-floor.
  2. Position QuietWarmth™ Tile Floor Heat Mat, peel back the release liner, and adhere to floor.
  3. Attach tiles using traditional tile setting materials.\*
- \*For complete installation details, refer to the complete installation manual

## TECHNICAL DATA

- UL 1683 via UL

## TECHNICAL SUPPORT

- Telephone: 888-WARM PAD
- Email: technical@perfectly-warm.com

## PERFECTLY WARM™ TILE FLOOR HEAT PHYSICAL PROPERTIES

Thickness .....	< 0.03"
Watts Per Square Feet .....	12W
Peel Strength .....	20PSI
Weight .....	0.25 lb.sq.ft.
AFM Crack Isolation .....	3/8"
Factory Attached Lead Wires .....	15' lengths

## PRODUCT WARRANTY

The QuietWarmth™ Tile Floor Heat Mat is certified to the highest standards and comes with a **10 Year Limited Warranty**.



### Standard Sizes for 120V

PRODUCT PART #	DIMENSIONS	WATTS	AMPS
QWARM1.5X5T120	1.5' x 5'	73.0	0.61
QWARM1.5X10T120	1.5' x 10'	151.0	1.26
QWARM3X5T120	3' x 5'	164.0	1.37
QWARM3X10T120	3' x 10'	339.0	2.83

### Standard Sizes for 240V

PRODUCT PART #	DIMENSIONS	WATTS	AMPS
QWARM1.5X5T240	1.5' x 5'	73.0	0.31
QWARM1.5X10T240	1.5' x 10'	151.0	0.63
QWARM3X5T240	3' x 5'	164.0	0.69
QWARM3X10T240	3' x 10'	339.0	1.41



888.379.9695 | quietwarmth.com

