



# Perfectly Warm™

## Tile Floor Heat

**Think Green!**



Perfectly Warm™ 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.

Perfectly Warm™ 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

#### Perfectly Warm™ vs. Other Electric Floor Systems

- **There is no easier radiant floor heating system to install.**  
**Simple 3 step process!**
  1. Prepare a stable sub-floor.
  2. Place Perfectly Warm™ Tile Heat Mat, peel back release liner, and adhere to sub-floor.
  3. Thin set and tile on surface.
- **Warms your floor as well as the entire room.**
- **Provides Uniform Heat.** Your floor is heated uniformly with no gaps and the radiant heat is dispersed evenly throughout room.
- **Minimal thickness.** Thin <0.05" profile and easy to peel back release liner for ease of installation.
- **No Cumbersome Wires.** 10' lead wires are connected to one end of each mat for easy routing.
- **Costs less.** Even heat distribution allows the Perfectly Warm systems to cycle quicker resulting in less energy actually being used.

#### Perfectly Warm™ vs. Forced Air

- **Energy saving.** Each room is individually zoned, heating only the rooms that are occupied.
- **More comfortable.** Radiant floor heat warms the objects in the room and not just the air providing the best thermal comfort system available.
- **Quiet, clean and hypoallergenic.** No noisy fans blowing dust or airborne allergens around the room.

#### Perfectly Warm™ vs. Hydronic (water)

- **Maintenance free.** No mechanical heaters to heat the water or pumps to move the fluids. 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 or other mechanical parts.

#### Perfectly Warm™ 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 Perfectly Warm™ Tile is not visible after installation.



**MADE IN USA!**



**SALES SUPPORT**  
Telephone: 800-922-9276



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## ENVIRONMENTAL ATTRIBUTES

- Zero Carbon Footprint.
- 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.
- Plug-in option to renewable energy sources like solar and wind.

## APPROVED FLOOR COVERING MATERIALS

- Tile\*
- Stone\*
- Marble\*

\* 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 Perfectly Warm™ Tile Floor Heat under carpet, vinyl, glued or nailed wood floors.
- Do not install Perfectly Warm™ 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 Perfectly Warm™ Tile Floor Heat Mat, peel back the release liner, and adhere to floor.
3. Thin-set and tile on surface same day.

## TECHNICAL DATA

- UL 1683 via UL
- In compliance with CSA G22.2 No. 130 via ETL

## TECHNICAL SUPPORT

Telephone: 800-922-9276  
Email: info@calorique.com

## PERFECTLY WARM™ TILE FLOOR HEAT PHYSICAL PROPERTIES

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Thickness.....	< 0.05"
Watts Per Square Feet.....	12W
Peel Strength.....	20PSI
Weight.....	0.25 lb.sq.ft.
AFM Crack Isolation.....	3/8"

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## PRODUCT WARRANTY

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



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