



Perfectlywarm™

Peel and Stick Radiant Heat for Tile Floors



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. Attach tiles using traditional tile setting materials.*
- Will warm the floor and depending on performed heat loss calculations, Perfectly Warm can warm the entire room when it is install in at least 80% of the room's floor.
- Provides Uniform Heat. Your floor is heated uniformly with no gaps and the radiant heat is dispersed evenly throughout room.
- Minimal thickness. Only 0.0762cm thick profile, about the same thickness of a credit card.
- Factory Attached Lead Wires. 4.572m 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. 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.

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.



*For complete installation details, refer to the complete installation manual

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 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. 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: (+61) 02 9757 3880
- Email: products@stoneconcept.com.au

PERFECTLY WARM™ TILE FLOOR HEAT PHYSICAL PROPERTIES

Thickness	< 0.0762cm
Watts Per Square Feet	12W
Peel Strength.....	20PSI
Weight	0.113 kg/sq.ft.
AFM Crack Isolation.....	.9525cm
Factory Attached Lead Wires.....	4.572m lengths

PRODUCT WARRANTY

The Perfectly Warm™ 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
PWT18-73W120V	0.46m x 1.52m	73.47	0.61
PWT18-151W120V	0.46m x 3.05m	151.62	1.26
PWT36-164W120V	0.91m x 1.52m	164.5	1.37
PWT36-339W120V	0.91m x 3.05m	339.5	2.83

Standard Sizes for 240V

Product Part #	DIIMENSIONS	WATTS	AMPS
PWT18-73W240V	0.46m x 1.52m	73.0	0.31
PWT18-151W240V	0.46m x 3.05m	151.0	0.63
PWT36-164W240V	0.91m x 1.52m	164.0	0.69
PWT36-339W240V	0.91m x 3.05m	339.0	1.41