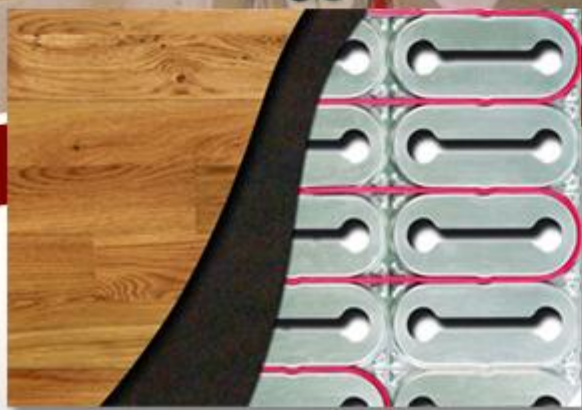
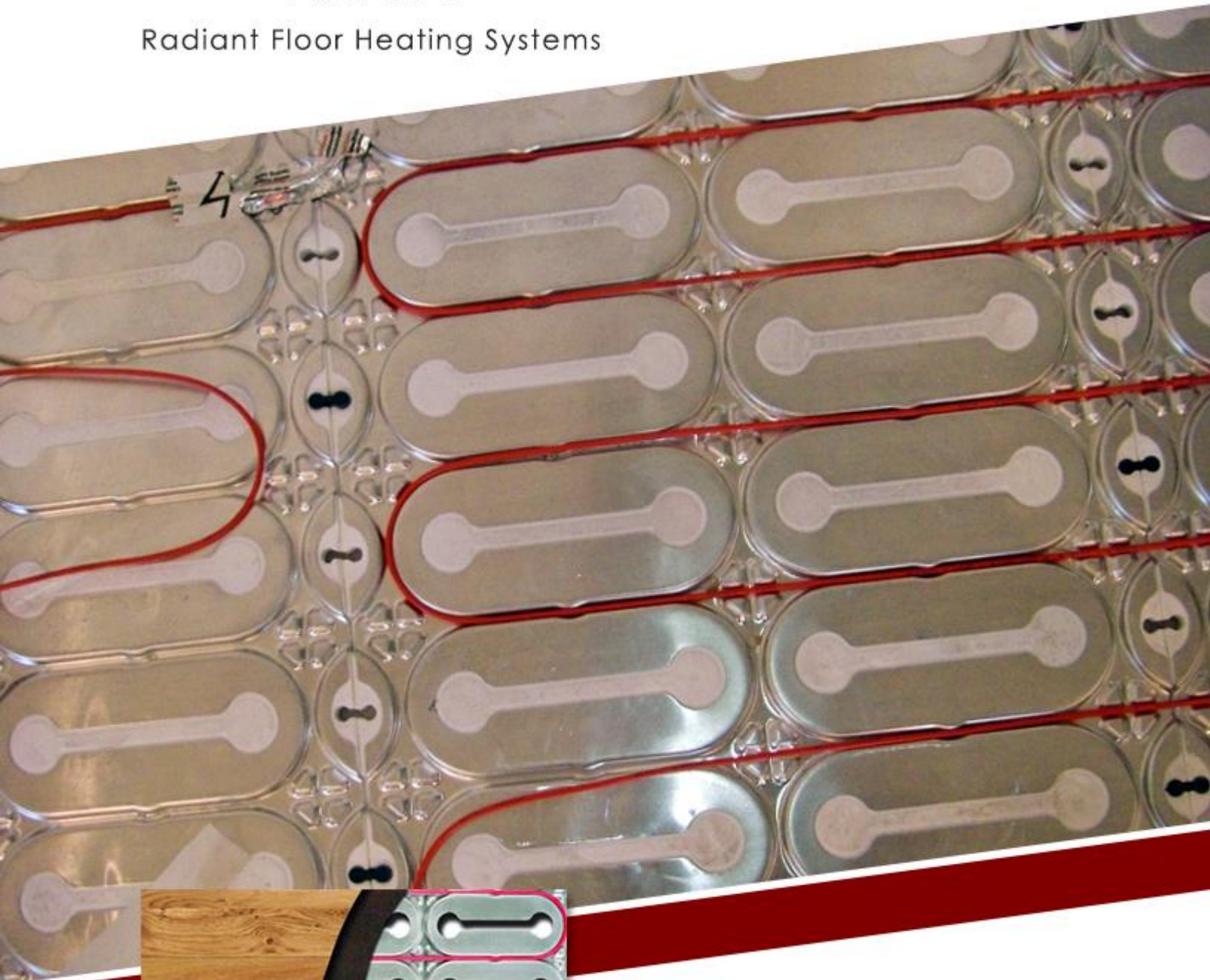


HEATSHIELD

PANELS

Radiant Floor Heating Systems



HEATSHIELD PRODUCT GUIDE

WARMZONE 
PREMIER RADIANT HEATING

HeatShield

Radiant Floor Heating Insulation Panels

HeatShield Panels are an ideal solution for heating under laminate and engineered wood flooring. With HeatShield Panels there's no need to embed the heat cables in a mud base. Simply lay the insulation panels on the existing floor, press the heating cable into the grooves provided and lay the wooden laminate floor directly on top. Then connect the thermostat and turn on the heat.

The HeatShield floor insulation panels consist of a ½-inch thick polystyrene insulation covered with a thin, specially profiled aluminum. These lightweight aluminum insulation panels provide superior heat distribution and efficiency. HeatShield panels ensure excellent downward insulation and optimum upward heat distribution that significantly reduces energy consumption.

Easy Installation

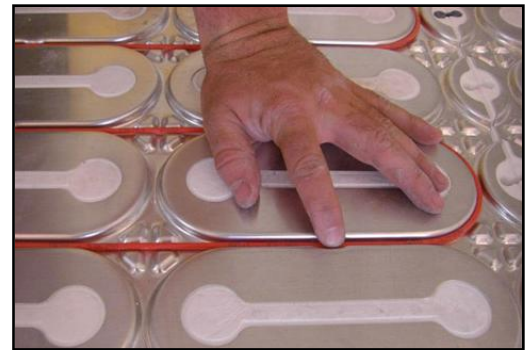
The aluminum HeatShield Panels conveniently snap together across the length of the floor. The panels have pre-cut grooves for the heat cable, ensuring accurate spacing and allowing you to use the industry's most trusted heat cables (ComfortTile) without the use of mortar and thinset. Simply lay the insulation panels down and snap them together, using small plastic locking keys that are provided with the system. Place the heating cable in the grooves provided and then install your new flooring.

For custom shaped rooms, the HeatShield Panel can easily be cut with a standard table saw or jig saw.

The lightweight aluminum insulation panels create a barrier between the subfloor and the new floor surface to eliminate energy loss and reflect the heat directly up into the room where you can enjoy it.

Floor Heating Applications

HeatShield Panels can efficiently heat a variety of different floor surfaces, but the electric floor heating system is especially well-suited for heating under engineered wood and laminate floors. The pre-cut grooves for the heating cable ensure accurate spacing and quick, easy installation without the use of mortar and thinset.



When combined with the industry leading ComfortTile heat cable, the efficiency of the HeatShield floor heating systems are unparalleled. The design is so efficient that you typically may run the floor heating system for shorter periods of time, which translates into an additional cost savings for you.

For more information, call:

888.488.9276.

HeatShield

Radiant Floor Heating Insulation Panels

HeatShield Features and Benefits

A key benefit of HeatShield Panels is that insulation is built into the aluminum plates/panels, maximizing heat distribution and efficiency. Because the panels act as insulation as well as a reflective heat source, the efficient system serves as a giant radiator, radiating heat evenly across the room. HeatShield floor heating systems mark a dramatic improvement over traditional radiant floor heating methods by not allowing heat to escape down into the subfloor.

- Ideal solution for heating under laminate and engineered wood flooring
- Best solution for heating under laminate and engineered wood flooring.
- No mixing thinset or mud is required, saving time and simplifying installation.
- High reflective plates insulate and heat quickly and evenly for maximum comfort.
- High R Value insulation significantly reduces energy consumption and provides energy efficient home-heating option.
- Exceptional for concrete floors, especially basement renovations.
- HeatShield Panels are designed to utilize Warmzone ComfortTile and In-Slab heating cables, the industry's most proven and trusted floor heating cables.

Specifications

Plate size:	19¼" (50 cm) x 39½" (100 cm), approx. 5.4 sq. feet (.5m ²) 10 plates, total 54 sq. feet (5m ²) 4 plates, total 21.5 sq. feet (2m ²)
Insulation Value (R):	1.5
Thickness:	½" (12 mm)
Deformation strength:	734 lbs/sq. foot (3.67 tonnes/m ²)
Accessories in the box:	Locking keys



System Controller (Thermostat)

HeatShield floor heating systems are controlled by industry-leading programmable thermostats that are specifically designed to control electric radiant floor heating systems for maximum comfort and minimum power consumption.

Developed for the modern home, the programmable thermostat features a large color screen with easy interactive touch control. The system temperature is controlled by an external or built-in sensor. Each thermostat includes an integrated Ground Fault Circuit Interrupter (GFCI, Class A).

Thermostat Specifications

Functions:	3.5-inch color screen with easy interactive touch control, easy scheduling method.
Supply Voltage:	120/240 VAC 50/60 Hz
Maximum switching current:	15 Amp
Temperature control range:	41 to 104°F (5 to 40°C)
Ambient range:	32 to 104°F (0 to 40°C)
Floor temperature sensor:	2-wire, 10-foot lead wire



About Us About Us About Us About Us

Warmzone was created to match customers to the best radiant heat products and prices available. As a leading provider of radiant floor heating, roof deicing, portable and embedded snow melting solutions, Warmzone constantly searches for the latest radiant heat technology to provide customers with outstanding quality solutions, unparalleled service, and preferred pricing.

Radiant heat is still relatively new to most residents in the United States, but it has been widely used in other parts of the world. At Warmzone our goal is to conveniently provide clear information through our website. Our experienced consultants will work with you and guide you to the ideal system for your needs. We offer sincere, non-biased recommendations based on your requirements and what makes the most sense, from small remodeling projects to large commercial construction.

While the hydronics technology has gained the most recognition in North America, we have found a variety of other energy efficient solutions that utilize electricity. This is where Warmzone uses experience to understand your needs, and our experts will propose a radiant heat system that will provide the results you dreamed of without the hassle of weeks of research. We have formed relationships with companies worldwide that we consider to be the best in their class. Warmzone is proud to offer the highest quality, proven products at the best prices available - all in a quick and convenient manner. When it comes to radiant heat, you won't find a more knowledgeable, helpful and friendly staff.

Phone: 888.488.9276 • Fax: 801.948.7599 • Office: 801.948.7500

Email: info@warmzone.com • www.warmzone.com

© Warmzone 2017 • All Rights Reserved • www.warmzone.com