



THE ORIGINAL WARM WIRE INSULATOR

INSTALLER PREFERRED, OWNER APPRECIATED

APPLICATION AND FUNCTION



FLOOR HEATING

HOTTROK serves as a thermal and acoustical insulating underlayment for integrating electric radiant heat into a flooring scenario. It's board-like design provides a predictable flat surface and makes wire installation easy to configure. It can be nailed down or secured with adhesives. The process of installing heating cable is now simple, efficient and far less risky than current methods.



THERMAL BREAK

HOTTROK panels provide ¼" thick thermal break across 97% of the surface area above the substrate. This significantly reduces the amount of heat loss through the substrate and improves the potential of any electric radiant heating system.



INSULATING

HOTTROK takes the benefits of heated floors to the next level of sustainability due to its energy saving characteristics. It has the highest thermal insulating qualities of any heating cable carrier to hit the building industry: an installed R-Value of 1.14 (tested with thinset and cable). In addition, **HOTTROK** has the fastest heat up times of any underlayment with live installs typically yielding 1°F every 4 minutes regardless of the supporting substrate.*

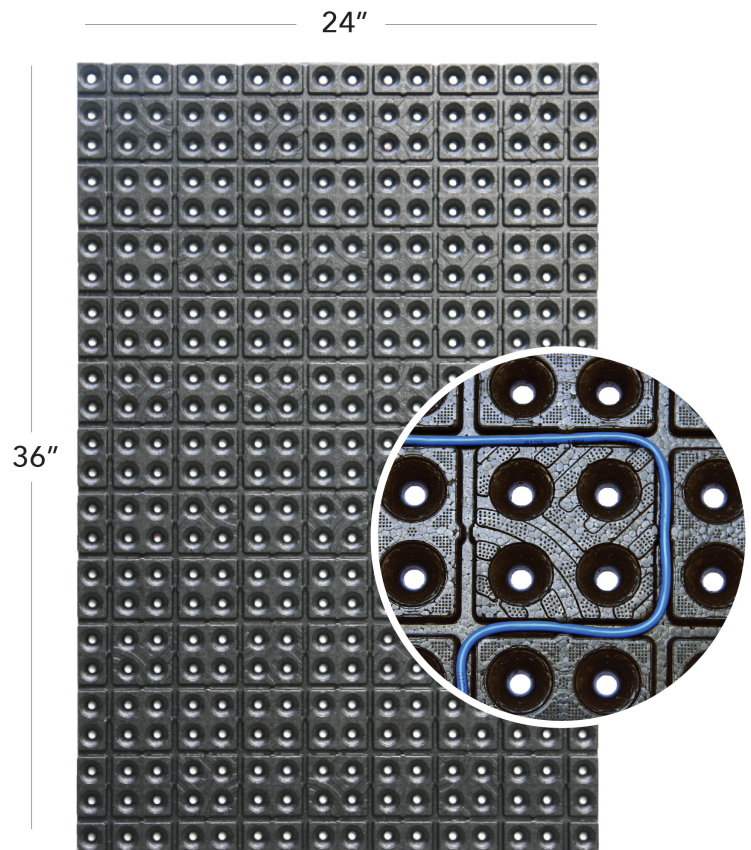
Since **HOTTROK** directs the heat energy upward into the flooring layer, it minimizes the heat loss underneath, maintaining better surface temperatures and consistent, even heating. A flooring system with **HOTTROK** uses less energy to maintain its desired temperature for the life of the system, resulting in lower energy consumption for decades.

HOTTROK also has substantial acoustic insulating benefits and helps mitigate noise transfer between floors: this is an essential characteristic for underlayments in multi-dwelling units and commercial construction.



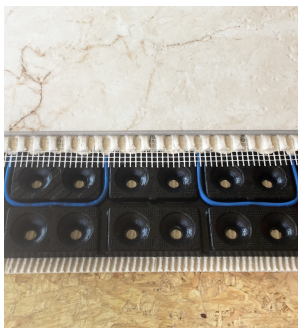
MATERIAL OF CONSTRUCTION

HOTTROK is made of Expanded Polypropylene (EPP). This is a highly versatile, closed-cell foam that provides a unique range of properties including: high durability, outstanding energy absorption, thermal and acoustical insulation, remarkable water and chemical resistance, exceptional high strength to weight ratio and is produced with close to 100% efficiency, meaning little to no waste.



**Values taken from live installs over concrete and plywood substrates with ceramic and porcelain tiles.*

SPECIFICATIONS AND APPLICATION



HOTTROK® Panel

Item Number	Dimensions	Piece Weight
HTTRK-01	24" x 36" x ½" (6 Square Feet/pc.)	1 lb. 2 oz.

Half Pallet	Half Pallet Weight	Full Pallet Qty.	Full Pallet Weight
150 Panels	230 lbs. (appx)	300 Panels	460 lbs. (appx)

APPLICATIONS

	Porcelain	Ceramic	Hardwood (5" min width)	Engineered Hardwood (5" min width)	LVT
Residential & Commercial	●	●	●	●	TBD

SUITABLE SUBSTRATES

Concrete (properly cured) with appropriate thickness meeting load requirements for ceramic tile.
Wood substrates must meet standard load requirements for ceramic tile (L/360).

TESTING

Thermal conductivity testing: R-Value of 1.14 installed with thinset and cable
(Dynalene Laboratory Services, Whitehall, PA)

Robinson Floor Testing ASTM C627-18: (TCNA - Tile Council of North America, Anderson, SC)

Report Number	Substrate	Joist Spacing	Tile	Rating
TCNA-0605-19	Plywood	16" OC	8" x 8" Ceramic	Residential
TCNA-0605-19	Plywood	16" OC	8" x 8" Ceramic	Light Commercial

Crack Isolation Test ANSI A118.12: (TCNA)

Report Number	Rating
TCNA-0398-21	High Performance

INSTALLATION

See our downloadable installation guide at www.hottrok.com.

Minimum tile format: 8" x 8" ceramic or porcelain.

For smaller tiles, contact us for appropriate installation instructions.

WARRANTY

HOTTROK has a limited 25 year warranty and a lifetime support guarantee. Please contact us for details.
(12/11/21)