

Market Product Application

Rating 1-5 bad to good, based on durability, installation cost, efficiency and application considerations.

Note: ZT Systems are a combination of RPT flooring, island, targeted heat products, and smart controls custom designed to the application.

Market Application											
Key Features	RPT FLM	RPT IHP	RPT IHP-US	RPT ZT Systems	Wired Mat	RPT-2D	PTE	Ceiling Tile	Base Board	Gas	Hydronic
Whole Structure Heat	5	5	3	5	0	5	1	1	1	4	3
Floor Warming	5	5	4	5	4	5	4	0	0	0	3
Embedded Slab	5	5	0	5	0	5	1	0	0	0	4
Score	15	15	7	15	4	15	6	1	1	4	10

Channel Comparison											
Key Features	RPT FLM	RPT IHP	RPT IHP-US	RPT ZT Systems	Wired Mat	RPT-2D	PTE	Ceiling Tile	Base Board	Gas	Hydronic
Construction	5	5	1	5	0	4	1	5	0	4	4
Commercial Remodel	5	5	2	5	0	4	1	5	3	4	2
Construction	5	5	4	5	3	4	1	5	0	4	2
Residential Hi-rise	5	5	0	5	3	3	1	5	3	4	0
Residential Remodel	5	5	5	5	3	3	1	5	3	4	1
DIY Friendly	5	5	5	5	1	3	3	4	3	0	0
Outbuilding	5	5	3	3	0	3	1	0	0	3	4
Livestock	5	5	0	2	0	3	1	4	0	0	2
Propagation	5	5	0	0	0	3	1	3	0	0	1
RV-Marine	5	5	0	5	0	3	3	1	0	4	1
Warehouse and Storage	5	5	0	0	0	3	1	1	0	0	3
Targeted Heat	2	4	0	5	4	5	0	4	4	0	1
Score	57	59	20	45	14	41	15	42	16	27	21

General Competitive Comparison											
Key Features	RPT FLM	RPT IHP	RPT IHP-US	RPT ZT Systems	Wired Mat	RPT-2D	PTE	Ceiling Tile	Base Board	Gas	Hydronic
Cost of Product	4	3	3	3	3	4	4	2	5	4	1
Cost of Install	5	5	5	5	2	3	2	4	4	1	1
Speed of Install	5	5	5	5	2	4	2	4	4	1	1
Energy Savings	5	5	5	5	3	4	5	2	0	3	3
Durable	5	5	5	5	0	3	2	3	3	4	3
Cost of Maintenance	5	5	5	5	5	3	5	5	3	2	1
Warranty	5	5	5	5	4	3	3	1	1	2	2
Potential Degredation	5	5	5	5	1	3	0	3	5	5	2
UL	5	5	5	0	1	3	0	5	5	5	0
Commercially Installed	5	5	2	5	0	4	2	5	3	5	5
Certificatons	4	4	4	4	3	3	3	3	3	3	0
IP Status	4	5	5	4	3	4	5	4	0	0	0
	5	5	5	5	0	5	5	2	0	2	3
Score	62	62	59	56	27	46	38	43	36	37	22



Why RPT Heat Panels?

Powerful AND Energy Efficient

RPT heat panels can provide enough heat for whole structure heating while only consuming 18 watts a square foot. Most installations only require 50%-60% heat panel coverage to do the job.

Green Building

You simply will not find a heating/HVAC product more suited to green building, ANSI, ASTM, and ASHRAE standards.

Cork insulation backer/underlayment

RPT heat panels ship with either 6mm or 12mm cork affixed to the bottom. Cork is green/renewable, an excellent insulator and perfect for soundproofing. Completely eliminates the need to install a separate underlayment.

Graphene

RPT's proprietary heat ink uses a very special element in the mixture. Graphene is the strongest, most electrically and thermally conductive element known to man.

Only UL registered product of its kind on the market

Although obtaining UL registration is a long and daunting task, RPT felt it was necessary for our, and your, peace of mind. In October 2019 we received UL registration on all heat film sizes.

Extremely lightweight

RPT heat panels are light, easy to transport and easy to work with. Our largest panel weighs only 4.1 pounds.

Nearly indestructible!

RPT heat panels are manufactured using 4 plies of fiberglass-reinforced resin. They are darn near bulletproof. Sleep better knowing RPT heat panels will run for many, many years trouble-free.

Installation is incredibly fast and simple

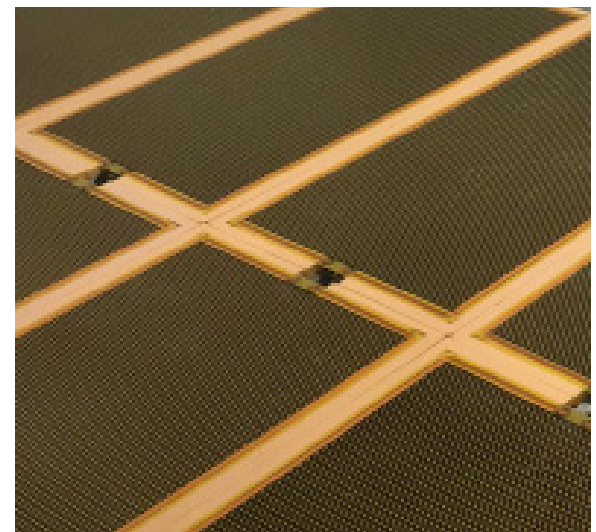
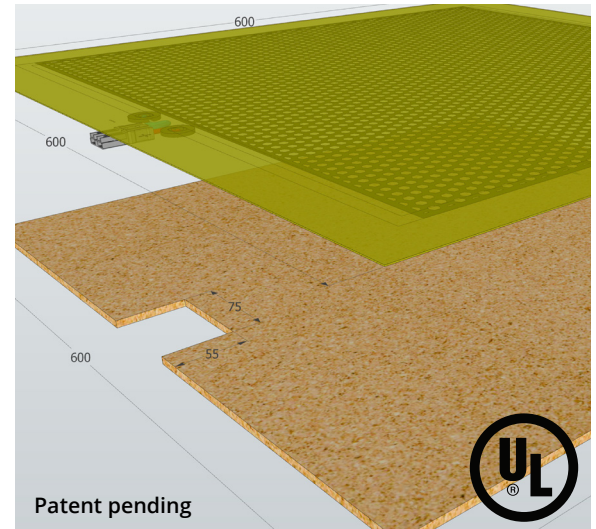
It almost takes longer to unpack the box than to install the panels. Layout the panels, plug them into one another via our patented plug-n-play wiring system, cut filler cork for the outside edges of the room, connect to power and you're done. It just doesn't get any easier!

Easy to diagnosis and repair should a problem occur

Most radiant heat systems are junk once a failure occurs. At a minimum, you would need to tear out all the flooring, and in some cases, concrete to repair a failed system. RPT's system is panelized. It's very easy to identify and replace one failed panel.

Little to no degradation over time

Many existing radiant products on the market experience degradation or loss of heat over time and space. RPT panels have a less than .01% degradation rate annually. This means you will have the same heat 30 years from now than you have the day you install the panels. Also, we don't have heat loss problems over long runs. Same heat from one side of the system to the other.



POWERED BY
Radiant Panel
TECHNOLOGIES

**Contact us at:
888-448-6296**

Radiant Panel Technologies NA, LLC
www.radiantpaneltech.com | info@radiantpaneltech.com