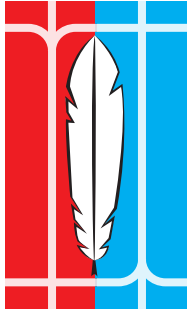


SENECA



RADIANT TECHNOLOGY



Width: 6 inches

Length: 24 inches

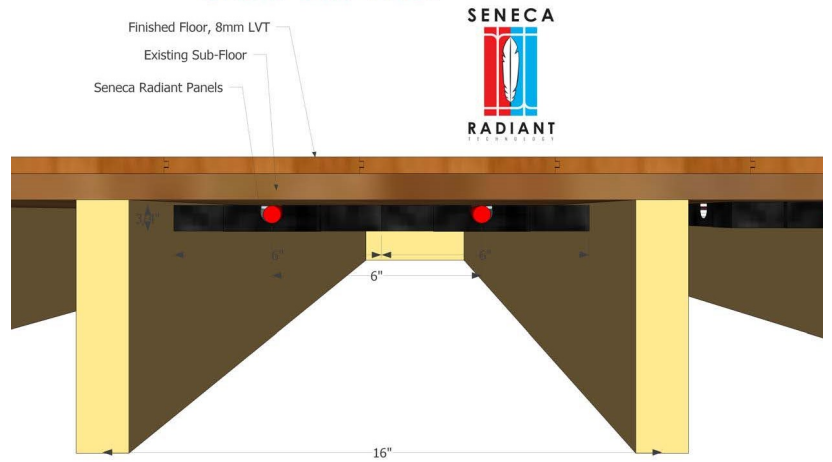
Thickness: 3/4 inch

Accepts 3/8 Radiant PEX or PERT

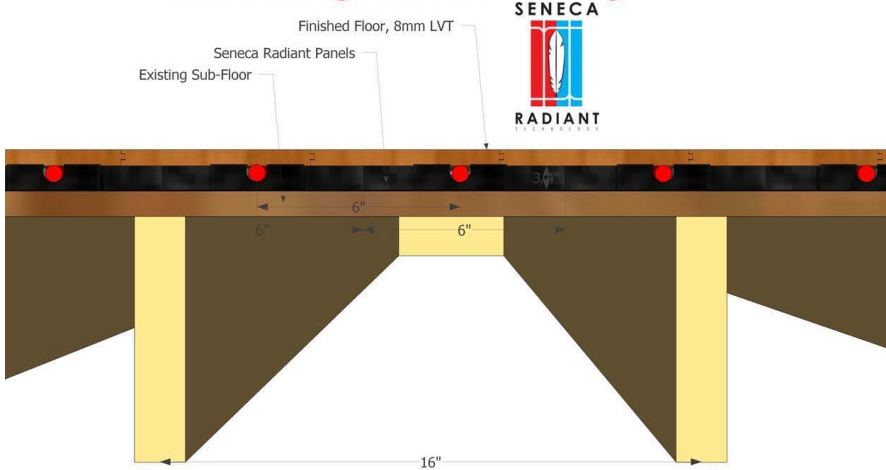
MODULAR RADIANT HEAT TRANSFER PANEL

- Floors
- Walls
- Ceilings
- Under Sub Floor Joists

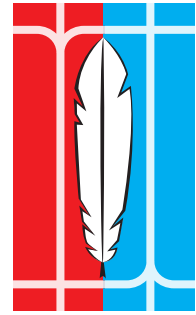
Under Sub-Floor



Over Existing Standard Framing



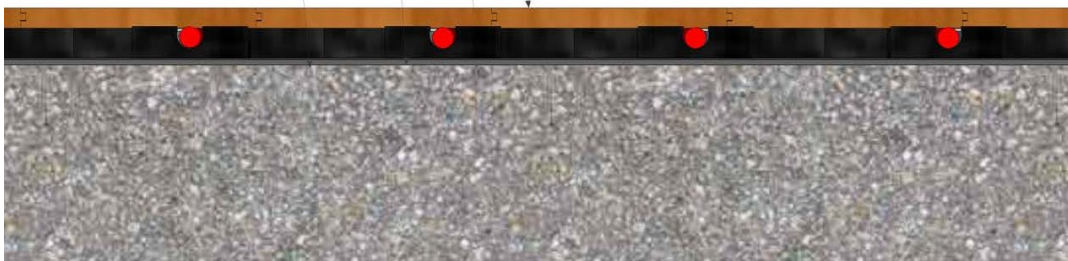
SENECA



RADIANT
T E C H N O L O G Y

Over Existing Concrete

Finished Floor, 8mm LVT
Seneca Radiant Panels
Foil / Poly Membrane
Concrete Slab



Determine the amount of panels and tubing required, calculate the area to be radiant heated. Each radiant panel requires 2-feet of radiant tube. Provide enough tube to reach the manifold assembly or main supply piping.

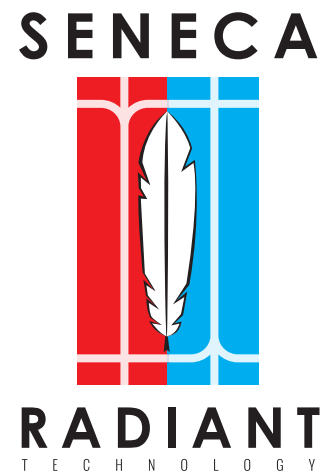
On above sub floor, wall or ceiling panel install a foil membrane sheet. Product will provide a reflective surface that enhances the system performance. This foil is ready available and very inexpensive.

MODULAR RADIANT HEAT TRANSFER PANEL

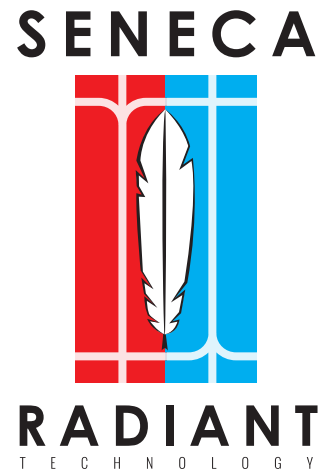
PRODUCT ADVANTAGES

- Lightweight
- Modular panel one part system including end tube routing in each panel
- Multi Directional: left - right - straight
- 6-inch tube spacing for greater heat transfer
- Superior acoustic sound deadening performance for walls, ceilings and floors *
- Water Proof, especially for basement floors
- G-Force shock absorbing as per NFL standards *
- Ergonomic feel to a concrete floor
- Can be cut to fit with a common circular saw
- Order in exact quantities, eliminating waste
- No moisture release on cure time
- No noise from aluminum plates
- Does not require special handling or storage on a construction site
- LEED Accredited and recognized by the A.I.A.
- Accepts engineered LVT luxury vinyl tile or engineered hardwood
- Tested using ASTM D5116 and California 01350 *
- Natural antimicrobial properties that act to kill mold and microorganisms that might try to grow on the material

* Test reports, certificates and methods provided upon request.



ADDITIONAL INFORMATION



For the Installer:

We have worked hard to make installation of radiant heat easy. If you already installed radiant heating and have the experience and knowledge, you understand the installation process including all the products and materials.

If you are not experienced with a radiant heating system we recommend you hire or consult a professional. This ensures radiant comfort, indoor air quality, system efficiency and major utility savings with longevity for generations to come.

Other:

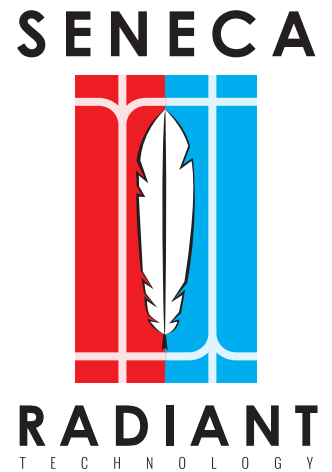
Know your heating requirement; such as high ceilings, quantity of windows, existing wall and ceiling insulation R value. This will determine the boiler size and water temperature required. Pressure test your system with air, recommend 50 PSI for 24 hours. Choose how many zones will provide the optimum comfort for your home. Take pride in your workmanship.

MODULAR RADIANT HEAT TRANSFER PANEL

PRODUCT INFORMATION

Material	Post Consumer Recycled Rubber or PCR
Overall Height	3/4" .750 ±
Tube Routing Channel Diameter	1/2" ± For 3/8" .375 Pex-Pert
Width	6 inches
Length	24 inches
Area	1 square foot
Weight	3.5 lbs

Tube routing spacing is 6 inches on center



Modular panel installed with staples, screws or nails can be installed floating over existing concrete, wall to wall fit.

When installing to the surface of ceilings or walls, it is not necessary to provide any spacing between modular panels. The tube routing channels provide 6-inch spacing center to center.

Sheet rock directly over the tube and panel installation to provide an even finished surface.

Installing the Radiant Tubing:

After the modular panels are installed, press the radiant tube into the routing channel. Wide staple tube in place if necessary.

For Staple Up:

Place the tube to the under side of the sub-floor and fixture the modular panel over the tube using staples or screws. Repeat the application process to include two rows of panels per joist space. Provide insulation under the panels and tube with a tight fit to improve efficiency and system performance.

