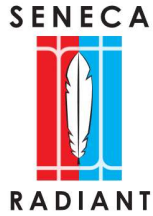


## Quick & Easy Fit Underfloor Heating System

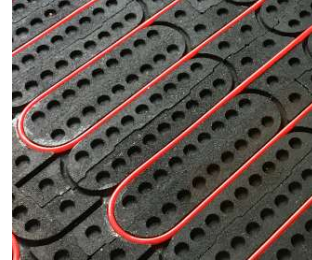
For New Build, Loft Conversions, Extensions, Flat Renovations and much more....



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Seneca Radiant UK  
Windsor  
Berkshire  
Tel: 07828 154 241  
Email:

[info@senecaradiantuk.com](mailto:info@senecaradiantuk.com)  
[www.senecaradiantuk.com](http://www.senecaradiantuk.com)



Width: 6 inches (150mm)  
Length: 24 inches (600mm)  
Thickness: 3/4 inch (19.0mm)  
Accepts 3/8" PEX or 12mm tube

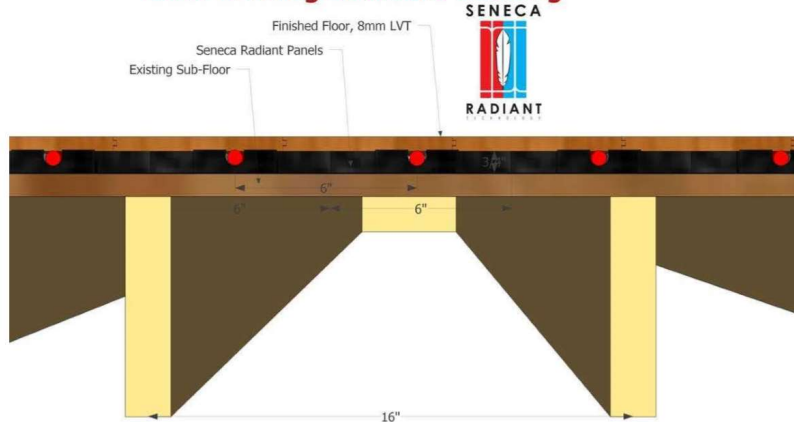
### Advantages

- Shaped for fast installation
- Clean and simple – no wet trades necessary
- Noise Reduction to lower floors
- Flame Retardant
- 100% recycled material
- Hundreds of Installations completed in America
- Attaches to standard UFH manifold

### Panels can be affixed to:

- Floors
- Walls
- Ceilings

### Over Existing Standard Framing





How many panels?

Measure length and width of the room / area

Length	Width	Area	Conversion to Feet <sup>2</sup> (x10.764)	Number of Panels	Add 10% for corners etc <sup>#</sup>
4.8 metres	3.4 metres	16.32m <sup>2</sup>	175.67ft <sup>2</sup>	176	194

<sup>#</sup>Unused panels can be returned for refund (excluding delivery charge(s)).

How much tubing?

Each panel requires 2 feet (0.61m)

Determine the number of tubing loops to the manifold and position of the manifold.

Each loop should be similar in length (but they do not need to be the same).

Add about 6 feet (2 metres) additional length to each loop to enable trimming and fitting to the manifold.

The rubber panels are good insulators, but additional insulation and/or a foil membrane can enhance the system.

Extended Product Advantages

- Panels are shaped to fit together for fast and easy installation
- No need to fix to the sub-floor reducing installation time
- Superior acoustic sound deadening performance for walls, ceilings and floors
- Does not require special handling or storage on a construction site
- Accepts most finish flooring types\*
- No drying time
- Made from 100% recycled material for a better future
- Lightweight
- Modular panel one-part system including end tube routing in each panel
- Multi-directional: Left, Right & Straight
- 150mm tube spacing for excellent heat transfer
- G-Force shock absorbing as per NFL standards
- Ergonomic feel to a concrete floor
- Can be cut to fit with common circular saw
- Order in exact quantities to reduce waste
- Tested to ASTM D5116 and California 01350 emissions requirements
- 1.65 R Value at 19mm<sup>+</sup>

\* For underneath carpet: fit 3mm HDF between panels and underlay (carpet and underlay 2.5 Tog Max).

\* For ceramic tiles: fit Fermacell 2E22 between panels and tiles.

<sup>+</sup> <https://www.houseneeds.com/learning-center/pex-tubing-radiant-floor-heating/flooring-r-value-different-materials>