

NOTHING  
TOPS RADIANT HEAT  
LIKE WE DO.



**Carlisle**  
Wide Plank Floors

*Straight. True. Trusted.*

# THE RIGHT CHOICE FOR THE

## WHY RADIANT HEAT?

Radiant is like any other heating system, it simply has less fluctuation in relative humidity, which is ideal for wood floors. It also offers a number of other advantages, such as:

High energy efficiency.

Even heat distribution without hot spots or cold spots.

No forced air movement, which means less dust and allergens.

Aesthetically pleasing – no unsightly registers, radiators or ductwork.

Silent operation, which is easy and economical to maintain.

## WHY CARLISLE FLOORS?

Carlisle wide planks are superior and remain completely stable when properly installed over concrete or any other radiant system. Here's why:

Sourced from bigger, better trees – slowly grown in ideal climates.

Boards are cut from heartwood for strong, straight vertical grain.

Low moisture content – another reason why heartwood is more stable.

Slow air drying – takes up to a year, but produces much more stable boards before final kiln drying.

Stringent, one-board-at-a-time quality control.

A 40-year track record of successful installations in all environments.

# RIGHT HEAT

*“I’ve been designing and building high-end homes in northern Vermont for over 10 years and most include radiant heat. I recommend Carlisle wide plank floors to all my clients, due to the stability of their wood over such a wide range of installation conditions and temperatures. Especially for radiant applications, their wood is far superior to any other wood floor (wide or narrow) on the market.*

— Shawn Sweeney —

Sweeney Design Build, Shelburne, VT



— RADIANT UNDER SUB-FLOOR - PORTSMOUTH, NH —

— WIDER BOARDS, BROADER EXPERIENCE —

Only Carlisle offers:

The longest and widest boards in the industry.

In-depth experience in every method of radiant heat installation.

Proven success in homes from coast to coast.

Pre-finished or unfinished options, engineered or solid options,  
newly sawn and FSC Antique Reclaimed options.

Bottom line? Yes, you CAN install wide plank floors over radiant heat!



— RADIANT OVER CONCRETE - FAIRFIELD, CONNECTICUT —



RADIANT  
BETWEEN  
SLEEPERS

### — MOISTURE, MOVEMENT AND MYTHS —

Wood is organic. It breathes. It moves.

This does NOT mean it will inevitably cup, buckle or twist when exposed to moisture or heat.

The right wood, properly cured, will constantly adapt to its ever-changing environment, yet will remain flat and stable.

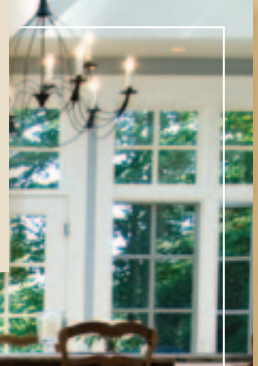
Carlisle wood is not only right, it's the best offered in America today.

When properly installed, Carlisle floors are guaranteed for life.

*“Carlisle’s wood quality, installation knowledge, finishing expertise and customer service are the best I’ve worked with. When installed over radiant heat, their boards go in easily and remain stable for generations.”*

— Gary Brennan —

New England Custom Floor Crafters, Chicopee, MA



— RADIANT SET IN CONCRETE - CHICAGO, ILLINOIS —

— EXPECTATIONS EXCEEDED —

We not only feel comfortable installing our wood over radiant heat, we highly recommend it.

Regardless of what you may have heard, wide plank floors will NOT become unstable over radiant heat – if they are Carlisle Wide Plank Floors.

A Carlisle Design Consultant is always there with expert advice in order to help you choose the right floor for your home.

What should you expect from a Carlisle floor-over-radiant-heat installation? Breathtaking beauty. And total peace of mind.

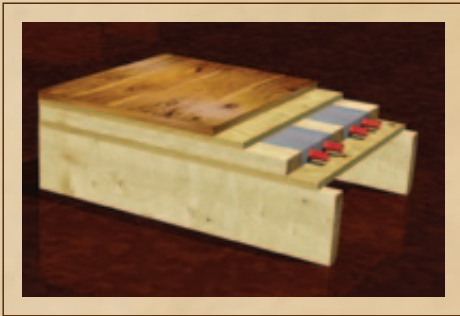


— RADIANT WITH WARMBOARD - JACKSON HOLE, WYOMING —

Regardless of the method used, the radiant heat should be turned on for at least one month prior to installation.

Carlisle floors have been specifically recommended by WarmBoard®, which manufactures one of the easiest and most popular methods of radiant heat installation.

## JOIST CONSTRUCTION



RADIANT HEAT BETWEEN SLEEPERS - OPTION 1

A 3/4" plywood subfloor.  
Radiant heat set into gypcrete poured between 2" x 4" sleepers, 12" on center.



RADIANT HEAT BETWEEN SLEEPERS - OPTION 2

Radiant heat set into gypcrete poured between 2" x 4" sleepers, 12" on center.



RADIANT HEAT WITH WARMBOARD

Warmboard subfloor, which holds radiant tubing.  
Joists 16" on center.



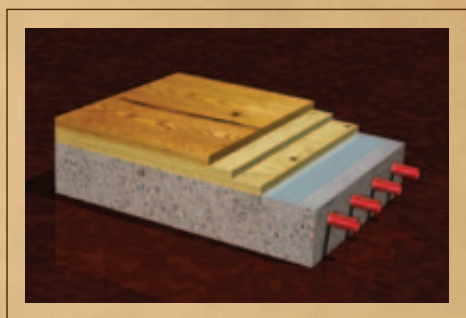
PLYWOOD SUBFLOOR WITH RADIANT UNDERNEATH

A 3/4" plywood subfloor.  
Radiant heat mounted between joists 16" on center.

# OF INSTALLATION

Our guarantee: When installed properly, we absolutely guarantee our floors to be beautiful and stable companions to radiant heat to be treasured for generations. If, at any time, there is a problem relating to the quality of our wood or our manufacturing process, we will handcraft a new floor for you free of charge.

## OVER CONCRETE



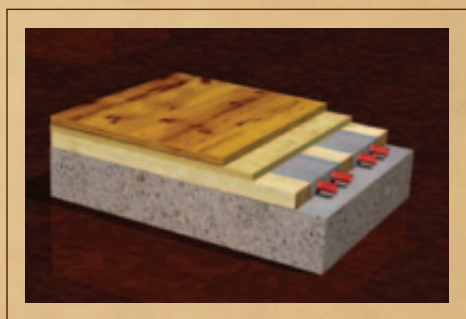
RADIANT HEAT  
IN CONCRETE SLAB - OPTION 1

Two 1/2" crisscrossed layers of floating plywood subfloors. A 6 mm polyethylene moisture barrier or 15 lb. felt paper. Radiant heat set into concrete slab.



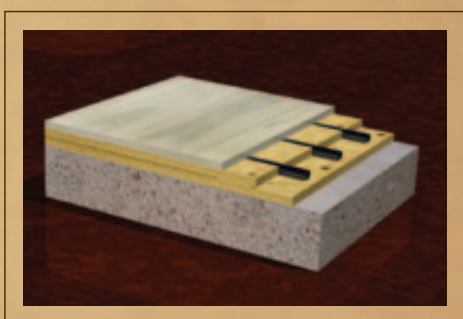
RADIANT HEAT  
IN CONCRETE SLAB - OPTION 2

3/4" plywood glued directly to concrete using Bostik's MVP®, Bostik's Best®, or Sika adhesive. Radiant heat set into concrete slab.



RADIANT HEAT  
BETWEEN SLEEPERS

A 3/4" plywood subfloor. Radiant heat set into gypcrete poured between 2" x 4" sleepers, 12" on center.



RADIANT HEAT MOUNTED  
ON A CONCRETE SLAB

A rubber-tube radiant heat system. 5/8" plywood routed to hold tubing. A 3/4" plywood subfloor over a concrete slab.



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