



Installing Laminate Flooring over Radiant Heated Sub Floors

Shaw Laminate Flooring is approved for installation over water type radiant heated sub floors. "Floating Floor" installation methods, using approved underlayments, are the only approved installation procedures for Laminate Flooring installed over water type radiant heated sub floors. The end consumer should be aware that minor gapping between planks during the heating season is a normal occurrence with laminate over radiant heated subfloor installations. Proper humidity controls within the home or business will help to minimize this type of natural reaction to seasonally changing climate conditions.

Adhere to the following guidelines for a successful installation:

- ❖ Newly installed water type radiant heated flooring systems should be in operational mode with the temperature set between 64° -72°F, for a minimum of 4 weeks to insure that all sub floor moisture has properly dried.
- ❖ Older water type radiant floor heat systems should be fully pressure tested, properly maintained, and set to a minimum of 64°F, for at least 4 days before flooring delivery; acclimation, or installation processes may begin.
- ❖ Always check wood sub floors to insure that the moisture content is less than 14% using an accurate wood moisture meter.
- ❖ Concrete sub floors must register "dry", using either the mat test or a reliable concrete moisture meter.
- ❖ The pH level of concrete sub floors should register between 6 and 9, on a fourteen-point pH scale.
- ❖ Sub floors must fully comply with all of the above "dry" requirements before proceeding with the delivery, acclimation, or installation of the laminate flooring at the job site.
- ❖ Regulate the job site to insure that the relative humidity is between 35% and 65%, and that temperature is between 60° and 80° F, throughout the flooring delivery, acclimation, installation and any required curing processes.
- ❖ Deliver and acclimate the laminate flooring, for at least 48 hours before installation begins.
- ❖ Install the laminate flooring according to the instructions that pertain to the product.
- ❖ After completing the installation, do not change the radiant heat setting for at least 48 hrs.
- ❖ Throughout the life of the installation, the consumer should only increase or decrease temperature settings 2 degrees per day, so that the laminate flooring can adjust to the temperature changes, in a gradual manner.
- ❖ Never raise the flooring surface temperature setting above 82 degrees F.