



## Limited Structural Warranty Over Radiant Heat

Real Wood Floors provides a limited structural warranty in radiant heat applications with the following considerations:

1. Real Wood Floors (RWF) will require a data logging system that RWF will specify, to be placed on site that will measure temperature and relative humidity. One data logging system will be required for every level of the home Real Wood Floors flooring is installed in and one per 1,500 square feet of installation. During that time if a problem with the structural integrity of the floor should occur, Real Wood Floors will, upon receipt of the data from the logging system, determine if the flooring was kept in environmental conditions in accordance with our acceptable job site conditions. If so, then Real Wood Floors at its sole discretion will replace that part of the floor that exhibited manufacturing defects.
2. The floor must be installed utilizing an NWFA approved installation method over radiant heat.
3. In addition to the above requirements, all radiant heat installations must have express written approval from Real Wood Floors for warranty coverage.

Radiant heat can pose a risk to successful wood floor installations due to the inherent dryness associated with this type of heat. Symptoms of an overly dried floor may include dry cupping, gapping, checking, shearing, squeaks, and/or pops, which are not covered by this, or any other Real Wood Floors warranty. Real Wood Floors requires all installations be kept in accordance with our environmental guidelines of interior relative humidity between **35-55%**. This target can be difficult to achieve without the use of stand-alone humidifiers or humidification systems on auxiliary forced air systems particularly in new construction. Normal living conditions may need to be simulated on job sites until occupancy with the monitored use of humidifiers. Additionally, floor surface temp should not exceed 81 degrees in order to limit exposing the floor to excessive conditions. **Failure to follow these guidelines can result in flooring failure, or the symptoms listed above, and will void the warranty.** For more information on radiant heat installation please contact Real Wood Floors 877.215.1831.

Additionally, the National Wood Flooring Association also recommends the following in regards to radiant heat:

*Types of wood flooring that are best suited for radiant heat subfloor are products that possess improved dimensional stability such as:*

- Engineered wood flooring is more dimensionally stable than solid wood flooring.
- Certain species are known for their inherent dimensional stability such as North American oak, American cherry, American walnut and others. Denser species such as hickory, maple and Brazilian cherry are less stable.
- Quarter-sawn and rift-sawn wood flooring is more dimensionally stable in width than plain sawn wood flooring.
- Narrow boards are more dimensionally stable than wide boards.

For these reasons, **Real Wood Floors will only consider warranties for Red Oak, White Oak, Cherry, and Walnut.** All other species are excluded from warranty coverage over radiant heat.

**All other installation and warranty documents apply in addition to what is stated here.**