



### When installing NADWS Loose Cable:

Using hot glue, nails or screws, secure the spacing strips to the floor with a minimum 4" gap away from the walls and permanent fixtures. Starting at the closest point on the floor to the thermostat, tape the cable factory joint to the subfloor. Lace the heating cable on the fixing strips and run it back and forth until the area is covered and you reach the end of the cable.

**Warmup recommends 3" spacing over plywood and 4" spacing over Warmup Insulation Boards.**

### When installing NADWM Mat:

Secure the factory joint on the subfloor and roll out the mat to cover the desired area. Make sure to leave a 4" gap around walls and fixtures.

### Step 1: Install floor probe

Place the probe wire containing the capped sensor evenly between two runs of heating cables at least 12" from the wall into the heated area. At no time should the probe wire cross the heating cable.

### Step 2: Embed heating system using leveling compound

When the heating system is completely installed, apply a mixture of leveling compound\* over the entire heating system. The layer should be about between 3/8" and 3/4" maximum. For thicker applications and leveling, talk to a Warmup representative about WODH in-slab systems.

### Step 3: Install hardwood flooring

When leveling compound has cured, hardwood flooring may be installed. The use of mechanical fixings, which may penetrate through the concrete/self leveler, is not advised.

\*Leveling material MUST contain latex compounds and capable of withstanding temperatures of up to 140°F (60°C) when used with underfloor electric heating systems. Visit [warmup.ca](http://warmup.ca) or [warmup.com](http://warmup.com) or contact our 24/7 Technical Support for more information.

**NOTE:** Make sure to set the thermostat to "Wood Flooring" which will limit the maximum temperature around 81°F. This will ensure a steady rise and drop in temperatures through the time periods.

The Warmup 3IE and 4IE thermostats will automatically perform this function when programmed. Warmup products have been specifically tested in Warmup's EN422-2 facility in Germany and by independent manufacturers in Europe and North America. With the above settings controlled through the 3IE and 4IE thermostats, it is completely safe to install Warmup products under natural hardwoods and bamboo floors.

### CONTACT US

[warmup.com](http://warmup.com) - [us@warmup.com](mailto:us@warmup.com) - (888) 927-6333

[warmup.ca](http://warmup.ca) - [ca@warmup.com](mailto:ca@warmup.com) - 1-888-5-WARMUP