



WarmlyYours

Built for PROS
Backed by EXPERTS

Bathroom Floor Heat: 5-Step Pre-Install Checklist (No Callbacks) + Test Log

Project Name: _____

Job Address: _____

Installer/Company: _____

Date: _____ Phone: _____

Step 0 - Subfloor Readiness (before layout)

- Subfloor is clean, solid, and suitable for tile assembly
- Flatness/deflection concerns addressed (don't install over movement)
- If using SLU/SLC: correct primer selected + applied per manufacturer; dry time confirmed

Step 1 - Pre-checks (before thinset)

- Get a Floor Plan (recommended): submit dimensions + obstacles + thermostat location; receive a WarmlyYours layout plan (26+ years / 600,000+ designs)
- Power plan confirmed (circuit available / dedicated as required)
- Thermostat location confirmed (accessible + practical)
- Sensor route planned + protected (no pinch/crush points)
- Room measurements verified (don't rely on old plans)
- Fixed fixture footprints confirmed (vanity base / toilet / tub)

Step 2 - Layout (coverage + clearances + transitions)

- Priority heat zones marked (standing zones + main walkway)
- No-heat zones marked (fixed vanity base, etc.)
- Toilet flange/wax ring clearance: heating kept 4-6 in away
- Spacing plan stays consistent (avoid bunching near obstacles)
- Turn radius planned (no forced tight turns)
- Transition plan confirmed at doorway (tile-to-adjacent flooring)
- Factory splice/cold lead plan confirmed (see Step 3)

Step 3 - Cold lead/splice + sensor placement (don't bury a failure)

Factory splice / cold lead

- Factory splice is planned to be embedded in thinset/SLU (acts as heat sink)
- Splice is not tucked into wall cavity

Sensor

- Sensor placed between heating runs (not touching element)
- Sensor placed in a representative heated zone (not edge/unheated boundary)
- Sensor wire protected (no sharp bends / crush points)

Step 4 - Embed & protect (during tile workflow)

- Work area kept free of sharp debris; traffic controlled
- Element protected during troweling/pour (avoid direct metal trowel contact over exposed wire)
- SLU/SLC pour controlled to prevent "float" (primer + bond + careful pour)

Step 5 - Test & document (choose your QC level)

- Expected ohms range (from spec):

Checkpoint	When	Ohms Reading	Pass/ Investigate	Initials
A	Out of box (pre-install)	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
B	After embed, before cover	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
C	After tile, before handoff	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

- Optional PRO QC (if using a Megger): insulation resistance photos captured at A / B / C: Yes No

Photo checklist (recommended)

- Layout before cover (spacing + no-heat zones)
- Sensor location
- Splice/cold lead location before cover
- Thermostat box/wiring stage (as applicable)

Cure-time reminder

- System is not powered on early; cure time followed per mortar/grout manufacturer

Following the manufacturer's recommended cure time is critical to prevent damage to the heating system and ensure proper installation integrity.

Learn More

Watch Scott's monthly PRO How-To (Feb):

[Bathroom Floor Heat - The 5-Step Pre-Install Checklist \(No Callbacks\)](#)

For more professional installation resources, training videos, and technical support, visit the [WarmlyYours PRO portal](#) or contact our technical team.