



Installing STRATA_HEAT™ On Shower Floor and Shower Bench Seat

TDS 292

The guidelines for installation of the STRATA_HEAT™ System in a shower are as follows:

The STRATA_HEAT™ Cable is approved for installation in wet areas and can be installed over mud beds or on the surface of Preformed Shower Systems. Both 120V and 240V wires are suitable for use in showers. When adding heat to a wet area (such as a shower), we recommend using two separate heating cables—one for the dry area and one dedicated to the shower. This ensures that if the shower cable is ever damaged, it can be disconnected without affecting the heat in the rest of the bathroom.

When installing the heating cable, the Cold Lead Splice should be installed outside the shower curb and then continued into the shower where it will terminate. The heating cable cannot pass through the curb, as the curb materials will insulate the cable. Instead, it must go up, over, and down the curb (wrapping over it). Remember that the cable has a 1" minimum bend radius, so it must be installed on the edges at an angle (for example, in an "S" curve).

To heat both the shower floor and the bench seat, the heating cable will need to travel vertically down the front of the bench seat or wall to transition from the horizontal surface of the bench to the shower floor. STRATA_HEAT™ Mat should be installed on both the bench surface and shower floor to secure the heating cable. It's recommended to start the cable run on the bench and work downward to the floor.

The cold leads must be installed in the wall directly outside of the shower in a dedicated conduit.

Finally, when installing a STRATA_HEAT™ system in a shower, the wire must always be installed between two non-combustible materials and never directly over the rubber moisture membrane. The wire should not be embedded within the mortar bed, as this can result in longer heating times. If using building panels such as backer boards or HYDRO BAN® Board, the wire can be installed directly over the panels.

For complete instructions, please refer to the [STRATA_HEAT Installation Manual](#).

Technical Data Sheets are subject to change without notice. For latest revision, check our website at laticrete.com
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