



Installing STRATA_HEAT™ On Shower Floor and Shower Bench Seat. TDS 292

This guideline will explain our recommendation for the installation of the STRATA_HEAT™ radiant heating system on shower floors and benches.

STRATA_HEAT cable is approved for installations in wet areas and as such can be installed over mud beds and LATICRETE Preformed Shower Systems. To do so, the shower area will need a dedicated heating cable. This means if you are installing radiant heat on both the shower floor and the bathroom floor, you will need separate cable for each. However, both heating cables may share the same STRATA_HEAT Thermostat assuming the combination of both cables doesn't exceed the 15amps maximum that the Thermostats can handle.

When installing the heating cable, the Cold Lead will be installed outside the curb and continue into the shower by going through or wrapping over the curb. If wrapping over the curb a rabbit joint should be created in a way in which it creates a smooth 1" minimum bend on each side of the curb and not a sharp angle. Thinset can be used to back fill this joint to encapsulate the cold lead. Under no circumstances can the heating portion of the cable go "through" the curb as it can create a 'hot spot' that can eventually overheat and burn the wire out. The heating portion of the wire will then be run on the shower floor or bench following the suggested patterns outlined within the STRATA_HEAT Wire Installation guide.

To run wire on both the shower floor and the bench seat, the heating cable will need to travel vertically down the front of the bench seat or the wall to get to from the horizontal portion of the bench to the shower floor. Please remember that the installation should result in no sharp bends in the wire. To run the wire from horizontal to vertical, a minimum of a 1" rounded bend should be created on the bench and base for the STRATA_HEAT wire to run. We recommend starting the end of the cable run on the surface of the bench and working your way down to the floor with the cold lead transitioning on the shower floor to run out of the shower. The cold leads of the cable will need to be installed in the wall directly outside of the shower in a dedicated conduit.

For all other guidance on the installation of the STRATA_HEAT System, please refer to the [STRATA_HEAT Installation Manual](#).

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