

# NUHEAT CABLE shower installation guide

Plan Nuheat Cable layout before securing any part of the floor warming system

## STEP 1



### RUN CABLE OVER THE CURB

Once the mortar bed has set, use industrial-grade hot glue and/or Nuheat Cable Guides to secure the heating cable over the shower curb.

To minimize tension, use an "S" formation to bring the cable into the shower area. Do not allow the tip of the hot glue gun to touch the cable as it may cause damage.

## STEP 2



### SECURE NUHEAT CABLE GUIDES

Secure Nuheat Cable Guides to the mortar bed using industrial-grade hot glue. Apply an ample amount of glue to the mortar bed and push the guides down into the glue while it is still soft (excess glue should squeeze out from underneath).

## STEP 3



### INSTALL CABLE

Install the cable according to the installation layout plan. Each run of cable must be spaced 3" apart and maintain moderate tension throughout.

To continue the cable up to the shower bench, use hot glue and/or cable guides to secure the run onto the wall of the shower bench. DO NOT install the cable on the walls of the shower.

Use duct tape or hot glue to secure the end-tip of the cable to the mortar bed.

## STEP 4



### TEST CABLE

Conduct insulation and resistance tests. Refer to the Nuheat Cable Installation Manual for complete testing procedures.

The Nuheat Cable Installation Manual is available at [www.nuheat.com](http://www.nuheat.com).

## STEP 5



### RE-SECURE CABLE

Due to the slope of the mortar bed, the cable will become suspended above certain areas of the shower floor.

Simply use hot glue to re-secure the cable onto the mortar bed, ensuring it follows the contours of the slope.

## STEP 6



### COVER CABLE

Using a flat trowel angled at 45-degrees, apply a layer of thinset mortar over the cable and guides. Be sure to maintain the slope of the existing mortar bed.

The cable must be completely covered, leaving only the very top of the guides visible. Allow the thinset mortar to set as per the manufacturer's instructions.

Conduct insulation and resistance tests. Refer to the Nuheat Cable Installation Manual for complete testing procedures.

## STEP 7



### INSTALL SECONDARY WATERPROOFING MEMBRANE (OPTIONAL)

Install a secondary waterproofing membrane as per product's manufacturer instructions.

A secondary waterproofing membrane will protect the mortar bed from any moisture that may seep through the tile, which could cause mold problems over time.

## STEP 8



### INSTALL TILE

Install tile flooring as per the tile manufacturer's instructions.

Note: Before activating Nuheat, allow both the thinset mortar and grout to properly cure according to the manufacturer's instructions (usually 72 hours to one week).