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In recent years there has been increased demand for floor heat and uncoupling membranes in residential and light commercial tile installations. Nuheat Cable Floor Heating System by Pentair provides both an uncoupling membrane and a floor heating system. H.B. Fuller Construction Products recognizes Nuheat Membrane as an uncoupling membrane as defined by the Tile Council of North America (TCNA).

It is recommended that the Cable Floor Heating System be installed in accordance with Nuheat's installation instructions and the TCNA installation methods for uncoupling membranes using the following TEC mortars:

- **Ultimate 6 Plus Mortar** – high performance, polymer modified full contact LHT mortar for installation of ceramic, porcelain, and natural stone tile. This mortar has an extended open time, while still allowing for grouting in as little as 6 hours regardless of tile size.. Comes with a *20 Year System Warranty*.
- **Fast Set Ultimate Large Tile Mortar** – high performance, full-contact polymer modified mortar for installing ceramic, porcelain, and natural stone tile. Ready for grouting in less than three hours and comes with a *15 Year System Warranty*.
- **Fast Set 3N1™** – lightweight premium polymer modified LHT mortar that is ready for grouting in 3-4 hours. This product comes with a *Lifetime System Warranty*.

The technologies present in these mortars allow for grouting much quicker than standard cement based mortars, sometimes in as little as 3 hours. TEC recommends using **TEC Power Grout®** or **TEC InColor™** grout to finish the installation.

If you have any additional questions regarding installations using TEC products please feel free to reach out to our technical service hotline at 800-832-9023.

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