



Recommendation for Installing **NURAZZO**® Tile Products with **TEC**® Installation Systems

H.B. Fuller Construction Products Inc. recommends one of two **TEC** brand products to install Nurazzo precast terrazzo resin tiles.

TEC® **Super Flex**™ is recommended for 12" x 12" tiles and possibly 24" x 24" tiles if 90% coverage can be obtained with a maximum notched trowel size of ½" x ½". Super Flex should not be used if it is determined that a larger notch than ½" x ½" is necessary.

TEC Isolight™ **Mortar** is recommended for both 12" x 12" and 24" x 24" Nurazzo Tiles. The properties of TEC Isolight are designed for both traditional thinset, as well as medium bed installations requiring a trowel notch size up to and including ¾" x ¾". Back buttering 24" x 24" tiles may be necessary to achieve minimum coverage requirements.

In either case, a minimum coverage of thinset to the tile and substrate is 90%. Insure substrate is free from all sealers, curing compounds or contaminants that will impair bond. Key selected mortar into substrate with the flat side of the trowel and then comb mortar with notches in straight, parallel pattern. Do not allow mortar to skin over prior to installing tile. Place tile into mortar and apply downward pressure while moving tile ¼ inch in each direction perpendicular to the comb of the thinset mortar. Periodically pick up tiles to check that minimum coverage is obtained. Refer to **TEC** product data sheets for suitable substrates and limitations for each product.

TEC recommends the use of a trowelable patch such as **TEC Versa Patch**®, or a self leveling cement underlayment, such as **TEC EZ Level**® or **Smooth Start**™ to remedy imperfections in the slab or substrate prior to installing large unit 24" x 24" Nurazzo Tiles. Large unit tile installation coupled with narrow grout joints lends to a challenging situation for the installer. Using **TEC EZ Level** or **Smooth Start** self leveling underlayments will provide a flat, true substrate allowing the installation of 24" x 24" tiles with greatly reduced lippage concerns.

Use **TEC AccuColor**® Sanded Grout with **TEC Acrylic Grout Additive** for joints from 1/8" to ½", and **AccuColor**® Unsanded Grout with **Acrylic Grout Additive** for joints 1/8" or less. **TEC AccuColor EFX**® Epoxy Grout is suitable for use where epoxy is required and joint are ¼ inch or less. Nurazzo requires a minimum 1/8" grout line.

TEC HydraFlex™ is recommended as use as a crack isolation membrane and in cases where less than 28 days cure time for a concrete slab is provided. **HydraFlex** is suitable as a membrane where concrete slab moisture emission rates are up to and including 12 pounds per 1000 square feet per 24 hours when measured in accordance with ASTM F 1869 or less than or equal to 90% relative humidity when measured in accordance with ASTM F 2170.

Installation of Nurazzo Tiles with **TEC** products is subject to the written recommendations of Tile Council of North America's Handbook for Ceramic Tile Installation and the specific installations instructions as provided by **TEC** for each product. Information on **TEC** products is available at www.tecspecialty.com.