

Installation Guidelines

Interior Floor Tile (F113)

SUBSTRATE: Concrete

SETTING: Latex-Portland Cement Mortar or Dry-Set Mortar

- Use this method on plane, clean concrete or on slab-on-grade concrete with no bending.
- If the sub floor is post-tensioned or a pre-stressed concrete floor, a crack isolation membrane (ANSI A118.12) is first required before using this method.
- The slab must be cured, stable and free of cracks, waxy or oily compounds.
- Spread a thin layer of polymer-fortified thin-set (3/32" minimum) or dry set mortar to the concrete slab with a trowel.
- Apply the tile on the adhesive. Make sure that at least 95% of the tile is touching the bed.
- After installation of all of the tiles is complete, allow the floor to cure for 48 hours before grouting the joints.
- Choose the grout that is appropriate for the type of tile that has been installed.
- Clean all excess grout off of the surface using a wet sponge, making sure to rinse the sponge regularly.
- Allow the grout to cure as required per packaging.

SUGGESTED MATERIALS:

- Mortar: ANSI A118.1 or A118.4 for slab-on-grade installations; use only a manufacturer's designated mortar for above-grade structural slabs.
- Grout: use ANSI A118.3, A118.6, A118.7 or A118.8 for slab-on-grade installations; use only a manufacturer's designated grout for above-grade structural slabs.

PREPARATION BY OTHER TRADES:

- Slab should be free of curing compounds and have been finished by a steel trowel and fine broom.
- Slope, when required, to be in sub floor.
- The maximum variation in slab should be 1/4" in 10'-0" and 1/16" in 1'0" from the required plane.

MOVEMENT JOINT:

- Architect must specify type of joint and show location and details on drawing.
- Above-grade structural slabs require: exterior joint spacing; perimeter joints are mandatory.
- Mandatory in accordance with EJ171, "2007 TCA Handbook for Ceramic Tile Installation," page 79 for slab-on-grade installations.

INSTALLATION SPECIFICATIONS:

- Tile: ANSI A108.5.
- Grout: ANSI A108.6, A108.9, or A108.10.