

Sinū

Inspection/Blending

Sinu is a specialty tile, shade and other variations from a submitted sample as well as from piece to piece within your order are normal and should be expected. Careful blending of these tiles will promote a beautifully unique installation. Inspect and blend all materials prior to installation.

NO ADJUSTMENTS WILL BE MADE AFTER INSTALLATION

Substrates

The following recommendations refer to the Tile Council of North America's "2007 TCA Handbook for Ceramic Tile Installation" and are general in nature. When selecting a TCA handbook substrate preparation method, factors such as: sub-structure, location, specified setting material and intended use will determine the appropriate method.

NOTES: *Mortar beds must be well cured. Framed structures shall be constructed in accordance to IRC (residential) or IBC (commercial) or applicable building codes. The weight of the tile, setting material and substrate shall be included in the load consideration.*

Walls – Acceptable Substrates

- Cement mortar bed (well cured) TCA W211-07, W221-07, W231-07, or W241-07
- Cementitious Backer Unit (CBU) TCA W244C-07, W244F-07
- Gypsum Board (Dry areas only) TCA W243-07

Wet Areas – Acceptable Substrates

- Cement mortar beds (well cured) – TCA B411-07 (tub enclosures) or TCA B414-07 (shower walls)
- Cementitious Backer Unit – TCA B412-07 (tub enclosures) or TCA B415-07 (shower walls)

Unacceptable Substrates

- Single-Float mortar beds, not employing cured scratch coats.
- Cement mortar beds lacking appropriate reinforcing per ANSI A108.1A - 2005.
- All wood products, including Luan, plywood, MDF, MDX press-board.
- Gypsum products in wet locations.

Cautions:

- Sinu is not recommended for use on shower floors. See Possible Applications.
 - Membrane meeting ANSI A108.2-3.8 must be installed BEHIND the mortar bed or CBU in wet areas.
 - Do not install Sinu directly over waterproof membranes.
 - CBU joints must be taped with the manufacturer's recommended 2", alkali resistant mesh tape.
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Adhesives

Sinu is a white-bodied ceramic tile. The adhesive used to install this material should be a standard grade or polymer modified thin-set mortar, which is recommended by the manufacturer, and on the container, for the installation of ceramic tile.

Installation

Install Sinu using a 1/4"x1/4"x1/4" square notched per ANSI A108.5-1999. [Reaffirmed 2005]

CAUTION: Some decorative tiles and liners are produced with a recessed back. Do not completely fill these voids with thin-set mortar. Excessive setting material may result in shrinkage that could crack the tile. Prior to setting these types of tiles, back-butter a small bead of thin-set around the perimeter of the void to assure sufficient contact between the tile and the setting bed.

Grout

Sinu is a specialty tile. Tiles will vary slightly in shape and size. Allowance shall be made for this variance and grout joints shall be no less than 3/16" wide. Grout with a standard grade sanded grout. Follow the grout manufacturer's instructions for mixing and use carefully. Grout shall be installed per ANSI A108.10—1999. [Reaffirmed 2005]

Movement Joints

Movement joints are essential for the success of most tile installations. Follow recommendations on movement joints EJ 171-07 in the “2007 TCA Handbook for Ceramic Tile Installation”. Movement joint requirements will vary depending on substrata, climate and size of installation. An architect or design professional should be consulted when specifying the exact number and location of each movement joint.

Flexible Joint Fillers

- **Hydroment:** Chem-Calk 900 One-Part Urethane Sealant
- **KeraKoll:** Sigibuild PU Poly-Urethane Sealant
- **Laticrete:** Latasil 100% Silicone
- **Sikaflex:** 1A or 2C Polyurethane-based Sealant

Sealing and Maintenance

These specialty tiles are glazed with a fine glaze that may craze over time. This crazing will add to its' beauty and artistic character. To ease grouting and reduce the build up of dirt in the crazes a high quality penetrating sealer, such as Aqua Mix's "Sealer's Choice Gold", may be applied to the tiles surface. The application of a penetrating sealer is required when the tile is installed in a wet location. Allow new installations to cure a minimum of 48 hours prior to sealing. Follow the sealer manufacturer's instructions carefully.

In showers and other wet areas regular maintenance is the key to longevity. Shower walls should be cleaned with a pH neutral cleaner and rinsed with clean water.

CAUTION: Acidic and abrasive cleaners can damage the tile surface and sealers. NEVER use products containing acid (lemon, vinegar) or scouring agents to clean your tile.

POSSIBLE APPLICATIONS

		Sinu - Ceramic			
SINU	Walls	Interior-Wet	◆	◆	
		Interior-Dry	◆	◆	◆
		Exterior			
	Floors	Interior			
		Exterior			
	Countertops	Kitchen			
		Powder Room	◆		
	Submerged	Pools & Spas			
	Usage Level		Residential	Heavy Residential	* Light Commercial

* Where no chemical or abrasion resistance is required. Not recommended for commercial kitchen walls.