



# StoneCrete™ Tile Admix

## Data Sheet

Part # TADMIX

**DESCRIPTION:** Concrete Solutions® StoneCrete™ Tile Admix is a polymer modified cementitious compound that is combined with locally sourced cement, sand and water and used with StoneCrete™ Tile Molds to make stamped concrete tiles that provide the same elegant and sophisticated natural stone, brick, slate or tile appearance as the Concrete Solutions 1/4" stamping system, with less jobsite variable and perfect texture every time. StoneCrete Tile Admix is used to produce gray concrete tiles in a controlled environment before the job. Once installed, StoneCrete tiles can be colored to achieve a variety of looks.

**TYPICAL USES:** StoneCrete tiles are frequently used to beautify driveways, pool decks, patios, walkways, restaurants, retail stores, shopping centers, courtyards, showroom floors, theme parks or wherever an innovative alternative to conventional flooring methods is desired.

**FEATURES & BENEFITS:**

- Tiles install quickly and easily over new and existing concrete
- Tiles conform to uneven surfaces for lasting beauty
- Tiles offer the timeless look of stamped concrete with consistent texture throughout.

**CHEMICAL PROPERTIES:**

Coverage Rate per kit 40 sqft of StoneCrete Tiles  
(8 Ashlar Slate Tiles, 7 Random Stone Tiles)

**MIXING INSTRUCTIONS:** Combine 2.5 gallons of water with 47 lbs. of gray portland cement (I/II, II/IV or equivalent) in a 12 to 16 gal on bucket. Mix for 30 seconds using a heavy duty mixing drill. It is important to always mix the cement and water before adding StoneCrete Tile Admix. Add 12½ lbs. of StoneCrete Tile Admix and mix for one minute. Though it will be difficult to mix at first, do not add any more water. Then, add 50 lbs. of dry play sand, #30 silica sand, or plaster sand and mix for one minute. Finally, add 1½ lbs. of fibers included in the kit and mix for one minute more. If a white or yellow film begins to develop on the surface of the mix or on the back of the tile it is an indicator that the mix is too wet (this is often caused by damp sand). To resolve this, adjust the mix by adding an additional 2-8 quarts of cement. Introduce only enough additional cement that the film goes away and not so much that the mix becomes dry and hard to work with. If mixed properly, StoneCrete Tile Admix should be self-leveling. If a white film is visible on a tile after 20-30 minutes of curing, use a trowel to work the surface of the tile until the StoneCrete Tile Admix returns to the cement color of the mixed product. Do not mix more StoneCrete Tile Admix than can be used in 15-30 minutes.

**APPLICATION INSTRUCTIONS:**

StoneCrete Tile Mold	Amount of StoneCrete Tile Admix
3" step mold	.5 quarts Tile Admix
12" Slate border mold	1.5 quarts Tile Admix
Ashlar Slate mold	3.75 quarts Tile Admix
Random Stone mold	4.25 quarts Tile Admix

Before pouring StoneCrete Tile Admix into StoneCrete Tile Molds, molds should be primed with StoneCrete Release Oil to ensure that finished tiles may be easily removed after they have cured. **Never use the StoneCrete Release Oil over the molds without first mixing with mineral spirits** (see the StoneCrete Release Oil TDS for details on this product). Allow StoneCrete Release Oil to dry before pouring the StoneCrete Tile Admix into the molds.

Lay the StoneCrete Tile Mold on a board that can be easily shaken to level the admix. Pour the proper amount of mixed StoneCrete Tile Admix into the center of each tile mold per the chart (see page 1). Using gloved hands or a trowel, push and pat the mix to level and fill the mold evenly. Shake the board until the StoneCrete Tile Admix self-levels to a smooth finish. Remove the finished file from the mold after approximately 7-8 hours or more depending on weather and temperature. To remove from the mold, flip over and peel the mold off of the tile. Do not leave the tile in the molds for longer than 24 hours or it will be harder to remove.

Stack completed tiles pattern side down and lined up on the edges until ready for installation. Note: The tiles are designed to curl slightly upward on the edges so the center of the tile is slightly raised during installation. This makes it easier to install them over uneven surfaces. They will conform to the surface during application. See the StoneCrete Training Manual for additional details.

(continued)

**HOW SUPPLIED:** StoneCrete Tile Admix is packaged in 14 lbs. kits or 56 lbs. kits (Four 14 lbs. kits).

**SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)**

Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

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