



# STONE MORTAR MIX

Set natural, or manufactured stone or brick veneer, and face brick

## 1. PRODUCT NAME

Tech-Mix® Stone Mortar Mix

## 2. MANUFACTURER

TCC Materials®

2025 Centre Pointe Blvd.

Mendota Heights, MN 55120 USA

Phone: 1.651.688.9116

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Internet: [tccmaterials.com](http://tccmaterials.com)

## 3. PRODUCT DESCRIPTION

Stone Mortar Mix is a specially formulated product for use in setting natural or manufactured stone, ½" face brick, or ½" brick veneer. This versatile product may be used as a base coat, applying mortar to the back of stone, or joint grouting. This material is factory blended to ensure bond strength, workability, and consistency. Just add water. Follow the stone installation instructions provided by the manufacturer.

## ADVANTAGES

- Preblended mortar—just add water
- Consistent workability & optimal bond strength
- Freeze-thaw resistance
- Meets ASTM C387 and ASTM C482

## WHEN/WHERE TO USE

- Stone veneer base coat application, and joint grouting
- Applying precast masonry veneer, thin natural stone veneer, or thin brick units to base surfaces

## SAFETY

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: [tccmaterials.com](http://tccmaterials.com) or contact TCC Materials at 651-688-9116 (7:30 AM to 4:00 PM, M-F, Central US Time).

## CAUTIONS

Read complete cautionary information printed on product container prior to use. This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered Tech-Mix brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

## 4. TECHNICAL DATA

Meets or exceeds the requirements of ASTM C387 & ASTM C482

## AVAILABLE SIZES

60 lb. (27.2 kg.) bag (BOM #104881)

## COVERAGE

- Each 60 lb. (27.2 kg) bag of Stone Mortar Mix will yield approximately ½ cubic foot wet volume.
- Based on the typical application above, this bag will lay approximately 5 sq. ft. of stone veneer

## 5. INSTALLATION

### PREPARATION

Prior to installation, all surfaces should be clean of dust and debris, as well as washed, before applying mortar. A water resistant barrier should be applied to surfaces other than concrete masonry. If the concrete masonry surface is painted, sealed, or treated, it must be cleaned back to the original surface. For sheetrock, wallboard paneling, plywood, or other rigid wood-related sheathing, install a 25 lb. (or heavier) diamond mesh expanded metal lath. A galvanized lath should be used for exterior applications. The lath should be overlapped by no less than ¾ in. and lath ends by no less than 1 in. Then apply a ½ in. thick scratch coat of mortar over the metal lath and allow it to set.

### MIXING

Stone Mortar Mix can be mixed by hand or by a mechanical mixer. By hand, use a clean wheelbarrow, mortar box, or similar container. Pour the Stone Mortar Mix into the container and make a crater with a shovel in the center of the dry mix. Add approximately 1 gallon (3.78 L) of clean, potable, water to the 60 lb. (27.2 kg) mix. Mix thoroughly. If needed, add small amounts of additional water to a stiff mix. The mortar should have the consistency of a workable, thick, batter. Optionally, use a clean, mechanical mixer. For every 60 lb. (27.2 kg) bag, add approximately 1 gallon (3.78 L) of clean, potable water to the mixer. Turn on mixer and add Stone Mortar Mix. Mix for 3-5 minutes per batch. If needed, add small amounts of additional water to a stiff mix.

### APPLICATION

In typical stone veneer applications, a ½ in. base coat of mortar is applied to the surface and allowed to set per the selected stone manufacturer's recommendation. This is followed by a ½ in. thick layer of mortar applied to the back of the stone. Press the stone firmly into place so that the mortar behind the stone squeezes out on all sides. If required, you may fill the joints between stones with a ¼ in. of mortar.

### CLEAN UP

Typically, water will clean tools satisfactorily after using Stone Mortar Mix. If the material has begun to harden, warm soapy water may be helpful for cleaning hands and tools.

### SHELF LIFE

Best when used within 12 months from the date of manufacture when stored in the original, unopened container, away from moisture, under cool, dry conditions and out of direct sunlight.

## 6. AVAILABILITY

To locate Tech-Mix products in your area, please contact:

Phone: 1.651.688.9116

Website: [tccmaterials.com](http://tccmaterials.com)

## 7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

## 8. MAINTENANCE

Not applicable.

## 9. TECHNICAL SERVICES

### Technical Assistance:

Information is available by calling TCC Materials a (hours 7:30 AM to 4:00 PM, M-F, CST):

Phone: 1.651.688.9116  
Fax: 1.651.688.6164  
Web: tccmaterials.com

### Technical and Safety Literature:

To acquire technical and safety literature, please visit our website at: [tccmaterials.com](http://tccmaterials.com).

## 10. FILING SYSTEM

Division 3 and Division 9



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