



MASON SAND

Washed, graded, fine masonry sand for field-preparation of mortar

1. PRODUCT NAME

Tech-Mix[®] Mason Sand

2. MANUFACTURER

TCC Materials[®]
2025 Centre Pointe Blvd.
Mendota Heights, MN 55120 USA

Phone: 1.651.688.9116
Web: tccmaterials.com

3. PRODUCT DESCRIPTION

Tech-Mix[®] Mason Sand is a consistent properly graded, fine, washed and dried masonry sand. Refer to ASTM C270 for more information.

Features and Benefits

- Meets ASTM C144

When/Where to Use

When mixed in accordance with ASTM C270 use for:

- Laying brick, block, and stone walls
- Building or repairing chimneys, grills, and planters
- Thin stone and brick veneers
- Tuckpointing
- Stucco repair

4. TECHNICAL DATA

Mason Sand meets or exceeds the requirements of ASTM C144

Available Size

- 50 lb. (22.7 kg) bag (BOM #112144)

Coverage

- One 50 lb. (22.7 kg.) bag contains approximately 0.6 cu. ft. (17 L) of sand

** All yields are approximate and do not allow for waste.*

5. INSTALLATION

Preparation

Read all directions before starting work. When laying a new masonry wall, construct a sound footing below the frost line using Tech-Mix Concrete Mix. When repairing mortar joints or stucco, rake out excess mortar and/or brush out the joints to remove loose mortar or sand. Dampen areas to be repaired with water just prior to application with no residual water pooling. Surfaces should be sound and free from dust, dirt, grease, oil, loose debris, etc.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Mixing

Mix Mason Sand with Tech-Mix Portland Cement & Hydrated Lime Type S, or with Tech-Mix Masonry Cement to make base Type N or Type S mortar. The mortar type used should correlate with the masonry units, building codes, design, and the specification requirements for the application. Refer to ASTM C270 for more information. Submittals available upon request.

Application

Follow all applicable ASTM standards and local building codes for mortar application. Ideal application conditions are when air, material, and substrate temperatures are between 40°F-100°F (4°C-38°C) within 24 hours of application and placement, and when rain is not forecast 24 hours after. Set times will vary in extremely hot or cold conditions. Do not apply to surfaces that are frozen or contain frost.

Curing

Moist curing of masonry mortars is required if conditions are hot, dry, or windy. In such cases, a gentle mist of water applied to the surface will prevent premature drying and improve the strength of the mortar. Protect mortar from freezing during the first 48 hours. Plastic sheeting and insulation blankets should be used if temperatures are expected to fall below 32°F (0°C).

Clean Up

Use soapy water to clean hands and tools immediately after use.

Limitations

- Not suitable for use in sandblasting.
- Mortar type should be correlated with the specific masonry unit to be used.
- Maintain consistency between batches.
- Follow all industry standard safety procedures when working with concrete products including wearing impervious gloves, such as nitrile when handling.
- Good workmanship and proper detailing and design assures durable, functional, water tight construction.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: tccmaterials.com

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.

6. AVAILABILITY

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

Phone: 1.651.688.9116
Email: info@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.

Storage Conditions	Store dry, cool, out of direct sunlight and off the floor.
Color	Tan
WARNING: INJURIOUS TO EYES	
KEEP OUT OF REACH OF CHILDREN	

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