



BASE COAT STUCCO

Portland cement-based stucco for scratch and/or brown coat

1. PRODUCT NAME

Tech-Mix® Base Coat Stucco

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 Base Coat Stucco consists of a uniformly blended Portland cement-based dry mixture for use as the scratch and/or brown coat in a three-coat stucco application or the first coat in a two-coat application.

Features and Benefits

- Preblended, consistent mix
- Quick and easy
- Excellent workability
- Apply by trowel or machine spray
- Just add liquid, mix, and use
- Meets ASTM C926 Standard Specification for Application of Portland Cement Based Plaster

When/Where to Use

- Conventional thick-bed scratch and base/brown coat
- Exterior or interior
- Above and below grade applications

4. TECHNICAL DATA

Meets or exceeds the requirements of ASTM C926 Standard Specification for Application of Portland Cement Based Plaster.

Available Size

- 80 lb. (36.3 kg) bag (BOM #100986)

Coverage

Base Coat Stucco Approximate Coverage per 80 lb. (36.3 kg) bag	
3/8" (9.5 mm) Thickness	20-24 sq. ft. (1.8-2.2 m ²)
1/2" (13 mm) Thickness	15-18 sq. ft. (1.4-1.7 m ²)
3/4" (19 mm) Thickness	10-12 sq. ft. (0.9-1.1 m ²)

- 80 lb. (36.3 kg.) bag yields approximately 0.75 cu. ft. (20 L)

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

5. INSTALLATION

Preparation

Read all directions before starting work. All applications should be in accordance with ASTM C1063 and ASTM C926 or local building codes. Base Coat Stucco Base Coat is designed for use over code approved galvanized metal lath or solid bases such as cast-in-place or pre-cast concrete or masonry. Surfaces must be clean, free of any loose or foreign material, free of movement, and structurally sound to support the stucco finish.

Note: It is the responsibility of the installer/applicator to ensure

the suitability of the product for its intended use.

Approximate Water Amounts for Mixing

Bag Size	Starting Water Amounts	Final Maximum Water Amounts
80 lb. (36.3 kg)	1.5 gal. (5.7 L)	7 qt. (6.6L)

Mixing

Begin with 1.5 gal. (5.7 L) of clean potable water per 80 lb. (36.3 kg) bag. Slowly add the Base Coat Stucco to the water in a paddle type mortar mixer. Hand mixing is not recommended. Mix for 2-4 minutes. Add additional water sparingly, do not exceed 7 qt. (6.6 L) per 80 lb. (36.3 kg) bag. Do not over water or overmix. Too much water will cause reduced strength. Mortar should be a firm, uniform, lump-free consistency, workable to be trowelable, and stiff enough to retain ridges and peaks when troweled on a horizontal or vertical surface. Do not mix more material than can be applied in 1 hour.

Application

- Ideal application conditions are when air, material, and substrate temperatures are between 50°F-90°F (10°C-32°C) within 24 hours of application and 72 hours thereafter. Do not apply in direct sunlight on hot, windy days or when rain is forecasted within 24 hours. Set times will vary in extremely hot or cold conditions. Do not apply over concrete cured less than 7 days or surfaces that are frozen or contain frost.
- Base Coat Stucco is intended for use over code approved metal lath or solid bases such as masonry, cast-in-place or pre-cast concrete. Installation over these surfaces should be in accordance with ASTM C926 and local building codes.
- Base Coat Stucco may be applied using a trowel or gun according to typical stucco techniques. For one-coat applications, apply a 3/8"-1/2" (9.5-13 mm) thick coating, pressing the mortar into the secured metal lath. Lath should remain flat while completely embedded by Stucco Base Coat. For traditional applications, apply 3/8" (9.5 mm) for the scratch coat and 3/8" (9.5 mm) for the brown coat. To eliminate cold joints and create a uniform color, avoid overlapping fresh stucco over previously dried areas.
- Allow the Base Coat Stucco to cure a minimum of 24 hours before application of the finish stucco coat.

Curing

To help prevent premature drying and improve mortar strength, moist cure for with a consistent mist or fogging spray for 48 hours after the initial set (2-4 hours). If conditions are very hot, dry, or windy, a drape of plastic over the wall will help retain moisture; if the surface begins to appear dry, remove the plastic, mist/moisten the surface and replace the plastic. Protect concrete from freezing during the first 72 hours. Full cure is reached after 28 days.

Clean Up

Use soapy water to clean hands and tools immediately after use. Dried material must be mechanically removed. Use a waste water hardener (e.g. Congelz™ or similar product) for cementitious waste disposal.

Limitations

- Follow all industry standard safety procedures when working

with concrete products including wearing impervious gloves, such as nitrile when handling.

- Do not exceed water limits when mixing.
- Install in accordance with local building code provisions and all applicable ASTM standards. Good workmanship and proper detailing and design assures durable, functional, construction.
- Mixing time and water amounts should be consistent from batch to batch.

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.

Shelf Life	Best when used within one year in original, unopened bags
Storage Conditions	Store dry, cool, out of direct sunlight. Best to condition material to 50-80°F (10°-27°C) before using.
Color	Gray
WARNING: INJURIOUS TO EYES	
KEEP OUT OF REACH OF CHILDREN	



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