

## HISTORIC STUCCO MIX

### Description

ProSpec® Historic Stucco Mix is a factory blended mixture of graded sands, hydrated lime and portland cement formulated to repair and restore masonry structures built prior to 1920s without degrading the integrity of the historical structure.

### Features

- Factory blended under controlled conditions
- Performance engineered for historical renovation
- Vapor permeable
- Contains no latex or acrylic bonding agents
- Can be pigmented
- Interior/exterior
- Superior adhesion

### Uses

#### As a finish coat over historical masonry structures:

- Brick
- Stone
- Stucco

### Technical Data

#### Compressive Strength ASTM C 109

28 days                      680-900 psi\* (4.7 MPa-6.2 MPa)

Test results obtained under controlled laboratory conditions. Reasonable variations can occur due to atmospheric and job site conditions.

\* Higher compressive strengths will damage the structural integrity of historical structures

### Preparation

1. Surfaces to receive ProSpec® Historic Stucco must be sound and free of all dirt, dust and grease and/or any other coating or foreign substance that may prevent proper adhesion.
2. Remove all loose mortar from joints before application.
3. All necessary joint repairs should be completed with ProSpec Historic Pointing

- Mortar. Allow joints to harden a minimum of 7 days prior to applying the stucco.
4. Surface should be Saturated Surface Dry (SSD) prior to the application of the stucco.

NOTE: It is the responsibility of the installer/applicator to ensure that test areas are performed to determine the suitability of the product for its intended use.

### Refer to

- [ACI 524R Guide to Portland Cement Plastering](#)
- [ASTM C 926 Application of Portland Cement Plastering](#)



# HISTORIC STUCCO MIX

## Mixing

- 1. Add dry material to 1.5-2 gallons (5.6-7.6 L) of clean potable water per 80 lb. (36 kg) bag.
- 2. Place the water in the mixing container, gradually add the ProSpec® Historic Stucco
- Mix to the water and mix by hand, or appropriate size mortar mixer, until material is a trowelable consistency.
- 3. Use within 2 hours of mixing.
- 4. Addition of cold water at high temperatures or warm water at low temperatures will aid in adjusting the set time.
- 5. Retempering will affect color, strength and durability.

## Placement

- 1. Install to specified thickness and in accordance with applicable portions of ASTM C 926 Standard Specification for Application of Portland Cement-Based Plaster.
  - 2. Apply finish in continuous application to a natural break to avoid cold joints and scaffold lines.
  - 3. Do not bridge expansion or control joints.
- NOTE: Over floating the material can result in color variations and surface defects.

## Curing

Under conditions of high temperature 80° F (26.6° C), low humidity and wind, loss of surface water occurs quickly. Fog spray as needed, depending upon conditions. Protect from rain and freezing for 24 hours. Mist several times a day, depending on temperature and humidity, up to a period of 72 hours with clean potable water.

## Yield

One 80 lb. (36 kg) bag yields 0.78 ft<sup>3</sup>.



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## Packaging

80 lb. (36 kg) bag

## Shelf Life

One year from date of manufacture in the original closed container. Store in a cool dry area and protect from freezing conditions.

## Best Performance

- Apply when air or substrate temperature is between 40° F (4° C) and 100° F (38° C). For applications outside this range of temperatures, contact ProSpec Technical Service.
- Use only clean mixing container and tools.
- Use only low speed mixing equipment.
- Protect from high winds and low humidity.
- Do not apply over substrates with curing compounds, efflorescence or form release oil.
- Avoid over watering.
- Do not exceed more than 1 lb. of cement color per 75 lbs. (34 kg).
- Do not over float material.
- Do not apply when temperature is expected to fall below 40° F (4° C) within 48 hours

NOTE: Proper application and installation of all ProSpec products are the responsibility of the end user.

## Caution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Product is alkaline and may burn or irritate upon contact with eyes or skin. Do not take internally. Use of safety goggles, rubber gloves and dust respirator is

recommended. Avoid prolonged contact with clothing. This product contains crystalline silica. Take measures to contain and reduce dust. Prolonged exposure to crystalline silica may cause silicosis or other serious delayed

lung injury. Avoid breathing dust. For prolonged exposure wear a respirator approved for protection against crystalline silica dust. Crystalline silica has been classified by IARC and NTP as a carcinogen.



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### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes and SEEK IMMEDIATE MEDICAL ATTENTION. For skin contact, wash thoroughly with soap and water. If swallowed,

SEEK IMMEDIATE MEDICAL ATTENTION.

For additional information, call Bonsal American at 704-525-1621 or CHEMTREC at 800-424-9300 or 703-527-3887 outside of the USA.

Refer to Material Safety Data Sheet (MSDS) for further information.

LIMITED 1 YEAR WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND.

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