

# HISTORIC POINTING MORTAR

## Description

ProSpec<sup>®</sup> Historic Pointing Mortar is a factory blended mixture of graded sands, hydrated lime and portland cement formulated to repair and restore masonry structures built prior to the 1920s without degrading the integrity of the historical structure

## Features

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

## Uses

- Repointing mortar joints in historical structures
- Laying or resetting old brick and stone

## Technical Data

### Compressive Strength ASTM C 109

28 days	600-725 psi* (4-5 MPa)
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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. Remove defective mortar to a depth of at least one and a half times the width of the joint, but not less than three quarter inch to receive the new mortar.
  2. Joints should be cleaned by removing existing mortar from the edges in the joint to ensure proper bond.
  3. Square the back of the joint to receive the mortar.
  4. Remove existing debris from joints.
  5. Rinse joints with low pressure water spray.
  6. Re-dampen wall as necessary before re-pointing.
- NOTE: Mortar joints should not be featheredged or shallow.

## Mixing

1. Add dry material to 1.5-2 gallons (5.6-7.6 L) of clean potable water per 75 lb. (34 kg) bag.
2. Place the water in the mixing container, gradually add the ProSpec Historic Pointing Mortar 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.

## Placement

1. Apply in two successive lifts.
2. First lift should be firm prior to applying the second lift.
3. Tool joints to required profile.

## 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.

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## Yield

Varies with installation.

## Packaging

75 lb. (34 kg) bag

## Shelf Life

One year from date of manufacture.

## Best Performance

- Apply when air or substrate temperature is between 40° F (4° C) and 100° F (38° C) .
  - Do not add any other liquids than clean potable water.
  - Avoid over watering.
  - Use only low speed mixing equipment.
  - Do not exceed more than 1 lb. (0.5 kg) of cement color per 75 lbs. (34 kg).
  - 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.

## 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. Product demonstrations are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. This Warranty constitutes the sole warranty given by Bonsal American in connection with this product. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Bonsal American. Bonsal American has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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