

## B-710 SBR MORTAR ADDITIVE

### Description

ProSpec® B-710 SBR Mortar Additive is a synthetic rubber polymer emulsion developed for use as a fortifier in non-modified Thin Set Mortars, Floor Mud and other cement based materials.

### Uses

Recommended uses when adding non-modified Thin Sets - meets ANSI A118.4

#### Installation of: (interior or exterior use)

- Marble
- Cement tile
- Quarry tile
- Slate
- High bottom lugged tiles
- Tile in steam rooms and cold storage rooms where temperature and conditions require superior water resistance
- Stone
- Ceramic tile
- Porcelain tile
- Swimming pool tile
- Precast terrazzo
- Pavers
- Tile in commercial kitchens and high traffic areas, such as show rooms and shopping malls
- When Latex Portland Cement Mortar is specified

#### Installation over:

- Water resistant gypsum sheathing
- Masonry
- Tile backerboard
- Concrete

NOTE: All installations must comply with procedures outlined in ANSI A108.5. For exterior grade

### Technical Data

	ProSpec PermaSet 200 with ProSpec B-710 SBR Mortar Additive	ANSI A118.4
Shear Strength to Porcelain Tile		
28 days dry	>300 psi (2.1 MPa)	>200 psi (1.4 MPa)
Shear Strength to Quarry Tile		
28 days dry	>300 psi (2.1 MPa)	>150 psi (1.0 MPa)

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### Preparation

1. Inspect surfaces tile will be applied to and accessories to be used. Notify the architect or other designated authority in writing of any defects or conditions that prevent a satisfactory tile installation. (see ANSI A108.5)
2. In case of truing or leveling the work of others, sanded thin set mortar can be applied to a maximum thickness of 1/4" (6 mm). If a thicker mortar bed is necessary, a second or third application may be applied in increments of 1/4" (6 mm) as soon as each basecoat has hardened.
3. Surfaces to receive tile shall be plumb and true. Maximum variation from the required plane shall be: Sub Floor Surfaces - 1/4" (6 mm) in 10' (3 m).
4. Expansion joints are necessary for exterior installations exceeding 8 to 12 feet (2 to 4 m) vertically and horizontally. Interior installations 20 to 25 feet (6 to 8 m) in each direction.

#### **Expansion joints shall be located (refer to the TCA Handbook for Ceramic Tile Installation EJ171):**

- Where tile work abuts restraining surfaces, such as perimeter walls, curbs, columns, pipes and the like.
- Directly over joints in structural floor and over construction or cold joints.
- Directly over expansion or control joints in the backing.
- Where specified in the architectural drawings.

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

### Mixing

ProSpec® B-710 Additive is formulated in the correct proportions so no dilution is necessary. Use 1 to 1.5 gallons (5.7 L) of additive to a 50 lb. (22.7 kg) bag of ProSpec PermaSet Thin Set Mortar, to obtain the

proper consistency. Allow mortar to slake for 5-10 minutes. Remix and apply mortar using the flat side of the notched trowel then comb mortar with the proper size notched trowel.

### Application

Spread the ProSpec B-710 SBR Modified Thin Set over properly prepared surface with flat side of trowel. Mortar consistency shall be such that when applied with the recommended notched trowel to the substrate, the ridges formed in the mortar when troweled with the notched side shall not flow or slump. Marble and tiles which have ribs or lugs on the back should be back-buttered just prior to

placement. Tiles may be adjusted up to 15 minutes after placing. Clean off any material from the face of the tile with a damp sponge immediately. Tile on the floor shall be firmly set before grouting. This requires at least 16-24 hours.

Wash all equipment immediately after use with warm soapy water.

### Curing

Dry curing is recommended.



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## Packaging

1 Gallon (3.8 L) (4/case) and 5 Gallons (13.2 L)

## Shelf Life

One year from date of manufacture. Protect from freezing.

## Best Performance

- Do not mix more than can be used within 2 hours and do not allow the product to skim over. Spread only an area that can be covered with tiles within 10 minutes. When used in wet areas (swimming pools, etc.) allow latex to thoroughly cure prior to continued moisture exposure. May require 2-4 weeks depending on temperature, humidity and water exposure.
- 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.

## VOC Content

0 lbs./gallon or 0 g/l

## Field Visits

Field visits by BONSAL AMERICAN representatives are solely for the purpose of making technical (material) recommendations only and not for supervising or providing quality control on the job site. Bonsal American reserves the right to update this information at any time. Visit [www.ProSpec.com](http://www.ProSpec.com) for further information.

## Caution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Eye and skin irritant. Contains Acrylic Resin Emulsion, Ethylene Glycol and Petroleum Distillates. Avoid

contact with eyes and skin. In case of contact, flush eyes for 15 minutes and consult a physician. Wash off skin with soap and water. Avoid prolonged contact

with skin. If swallowed call a physician immediately. Do not induce vomiting. Avoid exposure to vapors. Move to fresh air.



## B-710 SBR MORTAR ADDITIVE

### First Aid

ProSpec® B-710 SBR Mortar Additive is a water-based milky liquid product. When B-710 Additive is mixed with a cementitious product it results in a mixture that is highly alkaline. Inhalation may cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system or may cause or may aggravate certain lung diseases or conditions..

#### Eyes:

Immediately flush eye thoroughly with water. Continue flushing eye

for at least 15 minutes, including under lids, to remove all particles. Get medical attention if irritation occurs.

#### Skin:

Wash skin with water and soap or a mild detergent. Seek medical treatment if irritation or inflammation develops.

#### Inhalation:

Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical

help if coughing and other symptoms do not subside.

#### Ingestion:

Do not induce vomiting. Call a physician immediately.

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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