

# Glass Block Mortar

**BONSAL® Glass Block Mortar** is a mixture of sand, white cement, lime, and additives.

## FEATURES AND BENEFITS:

- Quality Controlled
- Design Strength 1800 psi (12.4 Mpa)
- Specifically Designed for Glass Block
- Does Not Support Mold Growth
- Contains Water Repellent
- Decorative White Color to Compliment Glass Block
- Exceeds ASTM C 387 for Type S Mortar
- Requires Only the Addition of Water

## USES:

### Laying of:

- Glass Block
- Brick
- Concrete Block
- Stone

## MIXING:

Empty contents of bag into mortar box, wheelbarrow, or mixer. Form a crater for adding water. A 50 lb. (22.7 kg) bag uses 3 1/2 quarts (3.3 l) of clean water. Mix thoroughly. If mortar mix is too stiff, add up to 1 pint (0.47 l) of water in small amounts. Avoid a soupy mix. In cold weather use warm water to accelerate the set.

## PLACEMENT:

Placement Temperature

	Minimum	Maximum
Substrate	50°F (10°C)	90°F (32.2°C)
Mix	60°F (15.5°C)	80°F (26.6°C)
Air	50°F (10°C)	90°F (32.2°C)

### Laying Glass/Concrete Block

Lay block into a full mortar bed after buttering end with mortar. Tap into position, true and level.

### Laying Brick

Lay brick into a full mortar bed after buttering end with mortar. Tap into place. Be sure to level each course.

### Tuck Pointing

When pointing up old masonry, remove loose mortar, clean and moisten joints. Apply Glass Block Mortar with pointing trowel.

## PLACEMENT (Cont.):

### Glass Block Mortar Joints in Pools & Foundations

Coat Glass Block Mortar joints after 24 hours air cure with BONSAL Surecoat for improved water resistance and brighter finish.

## CURING:

Protect from freezing for 24 hours.

## TECHNICAL DATA:

### Water Absorption

ASTM C 413  
4.06%

### Water Retention

ASTM C 91  
80%

### Compressive Strength

ASTM C 109

3 days	1200 psi (8.2 Mpa)
7 days	1820 psi (12.5 Mpa)
28 days	2310 psi (16 Mpa)

## LIMITATIONS:

- DO NOT** add anything but water.
- DO NOT** over water.
- DO NOT** apply when air or substrate temperature is below 50°F (10°C) or above 90°F (32.2°C).
- DO NOT** use in spas or hot tubs.

## COLORS:

White

## COVERAGE:

- 50 lb. (22.7 kg) bag will lay 32 Glass Blocks/41 Bricks 1 bag is .42 cu. ft. (11.8 l)
- 64 bags = 1 cu. yd. (0.7646 m<sup>3</sup>) with the addition of 3 1/2 qts. (3.3 l) of water per bag

## PACKAGING:

50 lb./22.7 kg multiply bag

## SHELF LIFE:

One year from date of manufacture

**CAUTION:** Contains Silicon Dioxide, Portland Cement and Calcium Hydroxide. Your skin may be sensitive to cement. Wearing rubber gloves is recommended. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water. For eyes, flush with clean water for at least 15 minutes and get prompt medical attention.

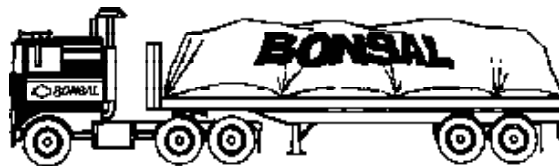
**KEEP OUT OF REACH OF CHILDREN**

## Technical Assistance

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## Home Office

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