

# GBM 900 GLASS BLOCK MORTAR

TECHNICAL  
DATA  
SHEET

Updated: June 8<sup>th</sup> 2014

## 1. Description

A premium performance easy-to-use, factory controlled blend of Portland cement, sand and chemicals specifically designed for the installation of glass block and masonry.

## 2. Uses

For interior and exterior it can be used for residential, commercial and industrial installations.

## 3. Advantages

- For Installing all Types of Glass Block
- Ultra White
- High Strength, Permanent Bond
- Frostproof, Shock and Weather Resistant

## 4. Available Packaging

50 lbs (22.7 kg) Bag

## 5. Coverage

2 lbs of mortar for every 8" x 8" glass block

## 6. Limitations

Do not use in temperatures below 10° C or above 40° C.

## 7. Surface Preparation

Accurately mark the installation for anchor and reinforcing bar position. All framing must be dry, clean, and properly dimensioned to receive glass block. Wipe the sides of the glass block to ensure a proper bond with the mortar.

1. Glass block anchors to secure installations to walls. Extend these at least 12" into the same joint as reinforcing bars. Vertically, they should be set every 24". Anchors should be bent to fit and cut to the proper length. Securely fasten through the expansion strips and into the framing.
2. Glass block reinforcing bars are extended the entire length of the installation for added strength. These are set in the same joint as the anchors and set every 24" vertically. When two or more reinforcing bars are needed for one joint, we highly recommend overlapping the bars at least 6".
3. Expansion strips provide expansion room where the framing and glass blocks meet. Bond the expansion strips to the sides and top of framing using a water-based asphalt emulsion. Strips should cover the entire length, width, top, and bottom of the framing. Allow to dry for 12 hours.
4. Glass block spacers to provide accurate joint spaces. Plastic spacers can be used for spacing vertical and horizontal joints. Galvanized steel spacers are used only for horizontal joints.

<sup>®</sup>  
DYNA

**DYNA**

NAFTA Region 5289 Highway #7 P.O. Box  
56545, Woodbridge (ON) Canada L4L 8V3

CARICOM Region Lot 19, Naggo Head  
Industrial Estate, Bridgeport Post Office,  
St. Catherine, Jamaica

Phone: (905) 761-3309  
Fax: (905) 761-2114

**?** Questions: [WWW.DYNA.CA](http://WWW.DYNA.CA)  
mail@dyna.ca

**866-861-6424**

# GBM 900 GLASS BLOCK MORTAR

## 8. Mixing

1. In a clean mixing container pour 4 - 6 quarts ( 3.8 L - 5.7 L ) of cool, clean water and gradually add 50 lbs (22.7 kg) of GLASS BLOCK MORTAR while slowly mixing.
2. Using a slow speed mixer ( approximately 300 R.P.M. ) mix to a smooth, stiff consistency. Avoid air entrapment and prolonged mixing which will shorten the pot life.
3. Let slake 5 to 10 minutes. To keep the mortar at a workable consistency, mix occasionally during use, but do not add any additional liquid or dry powder.

## 9. Main Application

1. Apply a full bed of mortar on the base, fully embed a course of glass blocks in the mortar and tap into place with a rubber mallet. Do not use steel tools when adjusting glass blocks.
2. Set each additional course of block in a full bed of mortar. Do not place mortar / between block and expansion strips.
3. Tool joints to a uniform appearance as work progresses.
4. Remove all excess mortar from the face of the blocks with a damp sponge before mortar hardens.

## 10. Expansion and Control Joints

Provide expansion and control joints where specified. Do not cover any expansion joints with mortar.

## 11. Cleaning

Wash your tools with water immediately after use. Clean your hands with water.

## 12. Protection

Protect the area of application from foot traffic or heavy hammering from adjacent surfaces while curing. The initial cure is 24 hours. Final cure is 28 days.

## 13. Caution

This product is corrosive as it contains Portland cement. Portland cement when mixed with water results in a solution of calcium hydroxide and is therefore injurious to the eyes and can cause skin irritation. Protect eyes with goggles and your hands with waterproof gloves. If splashed in eyes, flush thoroughly for at least 15 minutes and then consult a physician immediately. In case of ingestion drink water and seek medical attention immediately. **Keep out of reach of children**

®  
**DYNA**

## DYNA

NAFTA Region 5289 Highway #7 P.O. Box  
56545, Woodbridge (ON) Canada L4L 8V3

CARICOM Region Lot 19, Naggo Head  
Industrial Estate, Bridgeport Post Office,  
St. Catherine, Jamaica

Phone: (905) 761-3309  
Fax: (905) 761-2114

# GBM 900 GLASS BLOCK MORTAR

TECHNICAL  
DATA  
SHEET

Updated: June 8<sup>th</sup> 2014

## 14. Limited Warranty

This premium quality product was designed to satisfy the user. If you are not satisfied after Surface Testing on a small area, please contact our technical service department immediately. **NO WARRANTIES** expressed or implied are offered by DYNA. The Manufacturer's liability is limited to the replacement of products proven defective. The user assumes all risks and liabilities associated with the use of this product.

## 15. Notice

DYNA shall not be liable for incidental and consequential damages indirectly or directly sustained, nor for any loss or injury by the application of this product or for any other intended use. Before using, the user shall determine the suitability of the product for its intended use and the user will assume all risks and liabilities that may arise in connection therewith. DYNA's liability is expressly limited to the replacement of products proven defective.

## 16. Technical Support

If you have any questions or if you need any additional information on DYNA's products, please consult our website [www.dyna.ca](http://www.dyna.ca) or reach us by e-mail at : [mail@dyna.ca](mailto:mail@dyna.ca)

### NAFTA Region

DYNA Metro Inc.  
5289 Hwy 7, Suite # 7,  
P.O. Box 56545  
Woodbridge, Ontario,  
Canada L4L 8V3

### CARICOM Region

DYNA Metro Inc.  
Lot 19, Naggo Head  
Industrial Estate,  
Portmore,  
St. Catherine, Jamaica

<sup>®</sup>  
DYNA

### DYNA

NAFTA Region 5289 Highway #7 P.O. Box  
56545, Woodbridge (ON) Canada L4L 8V3

CARICOM Region Lot 19, Naggo Head  
Industrial Estate, Bridgeport Post Office,  
St. Catherine, Jamaica

Phone: (905) 761-3309  
Fax: (905) 761-2114

? Questions: [WWW.DYNA.CA](http://WWW.DYNA.CA)  
[mail@dyna.ca](mailto:mail@dyna.ca)

866-861-6424