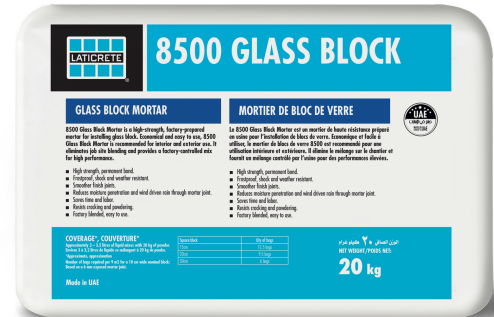




Globally Proven
Construction Solutions

8500 Glass Block Mortar

8500 Glass Block Mortar is a high-strength, factory-prepared mortar for installing glass block. Economical and easy to use, 8500 Glass Block Mortar is recommended for interior and exterior use. It eliminates job site blending and provides a factory-controlled mix for high performance.



ADVANTAGES

- High strength, permanent bond.
- Frostproof, shock and weather resistant.
- Smoother finish joints.
- Reduces moisture penetration and wind driven rain through mortar joint.
- Saves time and labor.
- Resists cracking and powdering.
- Factory blended, easy to use.

MANUFACTURER

LATICRETE Middle East LLC.
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United Arab Emirates
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USES

- Pre-fabricated panels.
- Normal "In-situ" installations.
- Glass block spacer systems.

STANDARDS

- When mixed with water it meets the requirement for **ASTM C270 Type S** Masonry Mortar.

Packaging - 20kg bag;

Pallet: 72 bags per pallet

Suitable Substrates: Concrete slabs.

Approximate Coverage

Number of bags required per 9 m² for a 10 cm wide nominal block:

| Square block | Qty of bags |
|--------------|-------------|
| 15cm | 12.5 bags |
| 20cm | 9.5 bags |
| 30cm | 6 bags |

Based on a 6 mm exposed mortar joint.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year* if stored at temperatures >0°C and <43°C off the ground in a dry area.

* High humidity will reduce the shelf life of bagged product.

Limitations

- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane.

Cautions

Consult MSDS for more safety information.

- During cold weather, protect finished work from traffic until fully cured.
- Contains portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- DO NOT take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

TECHNICAL DATA

Physical Properties (25°C and 50% R.H. ASTM type 270 type S)

| Test | Result | Spec |
|-------------------------------------|--------------|--------|
| Compressive Strength, 28 days (MPa) | 24.1–25.2 | > 12.4 |
| Water Retention | 75 % minimum | |
| Air Content | 12 % max. | |

| Test | Result | Spec |
|--|---------|------|
| Hardness, 1 day: D-Shore (ASTM D-2240) | 80 | >75 |
| Pot Life @ 25°C | 2 hours | |

Specifications subject to change without notification. Results shown are

typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions

INSTALLATION

Surface Preparation

Preparation Clean all surfaces that will be in contact with mortar. Surfaces must be free of dust, dirt, oil, grease and any contaminants.

Mixing

Place water in clean mixing pail. Add 8500 Glass Block Mortar and mix by hand or with a low speed (150 rpm) drill to a stiff, non-slump consistency. Approximately 3.2 – 3.4 litres of liquid mixes with 20 kg of powder. Allow to slake 5–10 minutes. Remix and apply as normal mortar.

Note: For interior applications, mix with water. Consult our technical services for the prefabricated panels, exterior applications and for improved adhesion.

Application

Place a full bed of mortar on the base or sill. Do not cut the base. Set first course of glass blocks and tap into place with a rubber mallet. Apply full bed of mortar to head joints on each block as they are placed. Set each course of glass block in a full mortar bed. Rake or tool joints to a uniform appearance when mortar is firm. Follow manufacturer's instructions regarding anchors, spacers, expansion joints, reinforcements and wall ties.

Cleaning

Remove all excess mortar from surface of glass blocks using a damp sponge or cheese cloth before mortar hardens. Clean tools with water while mortar is wet.

Follow ANSI specification A108.01-3.7 "Requirements for Movement Joints: Preparations by Other Trades" or TCNA detail EJ-171 "Movement Joints—Vertical & Horizontal". Do not cover expansion joints with mortar.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide.

For distributor information, please contact us by email at: enquiry@laticrete.me or, visit www.laticrete.me

Cost

Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of

one (1) year. Contact Technical Support for further information

TECHNICAL SERVICES

Technical assistance

For information contact:

enquiry@laticrete.me

Technical and safety literature

To obtain technical and safety literature, please visit our website at: www.laticrete.me

Warning: The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.
