



CEMENT BREEZE BLOCK INSTALLATION *Guidelines*



**To ensure a strong, durable,
and visually aligned installation,
please follow the recommended
installation guidelines below.**



Product Information

- Block Size: 190 × 190 × 65 mm
- Material: White Cement
- Finish: White Painted Finish (Primer Coated)
- Suitable for decorative screening, ventilation walls, feature walls, and partitions.

Important Installation Notes

Breeze blocks are decorative, non-load-bearing products and should not be used as structural support walls unless approved by a qualified engineer. For larger installations, professional installation by an experienced contractor or mason is recommended.

Before Installation

Ensure:

- The base or slab is level and structurally sound.
- The layout and pattern direction are confirmed before installation.
- Reinforcement materials are prepared prior to installation.

Recommended Materials:

- Cement-based tile adhesive or mortar mix
- Reinforcing steel rods (rebar)
- Wall ties where required
- Spirit level
- Tile spacers (optional for consistent joints)

Reinforcement Requirements

Reinforcement is strongly recommended for all breeze block installations to improve strength and stability.

Vertical Reinforcement

- Install vertical reinforcing bars at regular intervals.
- Recommended spacing:
 - Every 3–5 blocks horizontally
 - At both ends of the wall
 - Adjacent to openings or corners

Horizontal Reinforcement

- Horizontal reinforcement should be incorporated every few rows where required.
- Reinforcement may include steel rods or brickforce mesh depending on the application.

Core Filling

Where reinforcement bars are used, cavities surrounding reinforcement should be filled with grout or mortar to secure the steel in place.

Large Installations For walls exceeding:

- 1.5m in height, or
- 3m in length,

additional reinforcement and professional engineering guidance are recommended, always consult and with an engineer and obtain sign off for the build.

Installation Process

Step 1 — Prepare the Base

Ensure the installation surface is clean, level, and cured.

Step 2 — Mark the Layout

Dry-pack several blocks first to confirm spacing and pattern alignment.

Step 3 — Apply Mortar or Adhesive

Apply a consistent layer of mortar or suitable adhesive to the installation surface and between joints.

Step 4 — Install Blocks

Carefully place each block while checking:

- Alignment
- Level
- Joint consistency

Use spacers if required for even gaps – recommended grout gaps 6mm – 10mm.

Step 5 — Install Reinforcement

As installation progresses:

- Insert vertical reinforcing bars into designated cavities.
- Add horizontal reinforcement where necessary.
- Secure reinforcement with grout or mortar.

Step 6 — Clean Excess Mortar

Clean excess mortar from the face of the blocks before curing to maintain a neat finish.

Step 7 — Allow Proper Curing

Allow sufficient curing time before painting or applying additional finishes.

Painting & Finishing

Shaw Tec Breeze Blocks can be painted to suit any project palette.

Before painting:

- Ensure blocks are clean and fully cured.
- Use high-quality masonry primer and exterior-grade paint for best results.

Care & Maintenance

- Clean periodically using mild soap and water.
- Avoid harsh acidic cleaning products.
- Repaint as required depending on environmental exposure.

Disclaimer

Installation methods may vary depending on project requirements and site conditions. Shaw Tec recommends consulting a qualified contractor or engineer for large-scale or specialised applications.