

This guide explains how to install, use, and maintain Aperture breeze blocks safely and correctly. Aperture breeze blocks are three-dimensional decorative ceramic pieces intended for indoor use only. They are not load-bearing and should never be used to support weight.

Before You Start

- Verify all project details comply with local building codes and regulations.
- Ensure the installation surface is stable, level, and suitable for the intended design.
- Before installing, mechanically fix a C-shaped perimeter frame to provide containment and stability for the decorative wall.

Anchoring Methods

STEP 1: PREPARE THE AREA

- Make sure the floor or base is stable and strong enough to support the blocks.
- Lay out the blocks first to check for overall design.
- Aim to minimize cutting of the blocks.
- Choose the anchoring method based on wall size and stability requirements:
 - **LAYOUT A | ANCHORING ON 2 SIDES (TOP AND BOTTOM) – MAX HEIGHT 400 CM:**
 - Suitable for installations with support on the horizontal sides only.
 - Max height is 400 cm.
 - **LAYOUT B | ANCHORING ON 3 SIDES (BOTTOM AND VERTICALS) – MAX 400 X 300 CM:**
 - Anchored on three sides for better overall stability. Max dimensions: 400 cm
 - Height, 300 cm width.
 - **LAYOUT C | ANCHORING ON 2 SIDES (BOTTOM AND ONE VERTICAL) – MAX 250 X 100 CM:**
 - Anchored on two sides. Max dimensions: 250 cm height, 100 cm width.
 - Limited height helps prevent deformation under load.

STEP 2: CUTTING THE BLOCKS

- If you need to cut blocks, use a wet cutter (water-based cutting).
- Do NOT use dry cutting tools—they create harmful silica dust.
- Follow local safety rules for cutting materials.

STEP 3: JOINTS & LAYOUT

- Installation can be straight or staggered.
- Recommended joint width: 2-3mm for expansion and dimensional variation.
- Use self-leveling spacers for consistent alignment.

STEP 4: REINFORCE THE STRUCTURE

- Aperture breeze blocks cannot support weight, so:
 - Anchor the structure to walls or frames (metal or wood).
 - Add internal reinforcements like metal rods or wire mesh between rows.
 - Attach reinforcements to perimeter anchors.

Adhesive Recommendations

- Use eco-friendly, neutral silane-based adhesives.
- Always follow adhesive manufacturer's instructions.

Post-Installation Cleaning

- Remove adhesive residue with diluted neutral detergent in warm water.
- If adhesive drips during application, allow to dry before removing with a sharp blade.
- Avoid acid-based cleaners that may damage the finish.

Maintenance

- Inspect regularly for cracks, breaks, or loose blocks.
- Clean with a soft cloth or mild cleaner.
- Do not use abrasive sponges or harsh chemicals.

Additional Notes

- Aperture breeze blocks are decorative only and must not be considered for structural purposes.
- Always consult a professional for installation.
- Creative Materials Corporation is not responsible for damage caused by improper use.
- Limited Warranty: No warranty for damage from impacts, floor movement, or extreme weather.

Conclusion

For additional technical details, specification review and consultation, or related information, please contact your dedicated consultant or email us at info@creativematerialscorp.com. We'll be happy to assist.