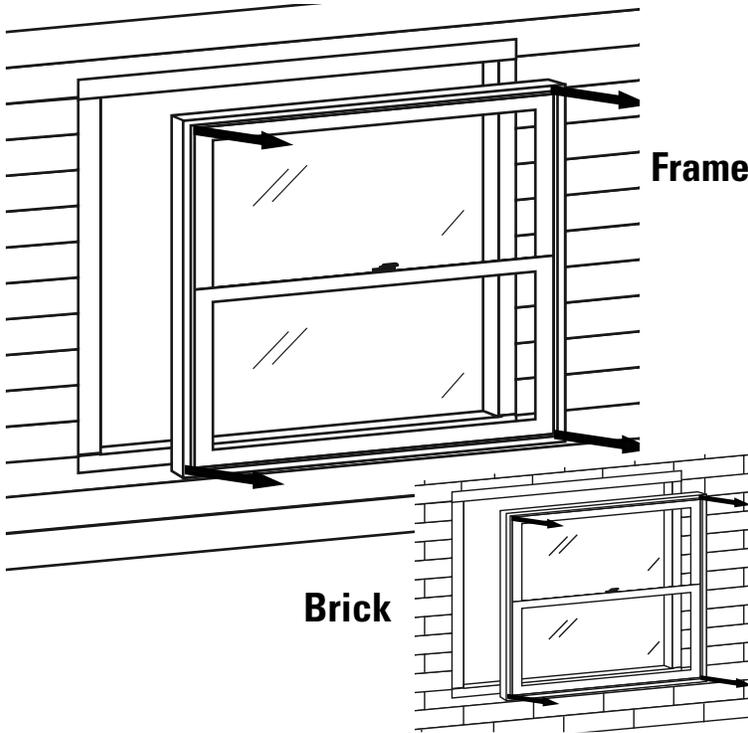
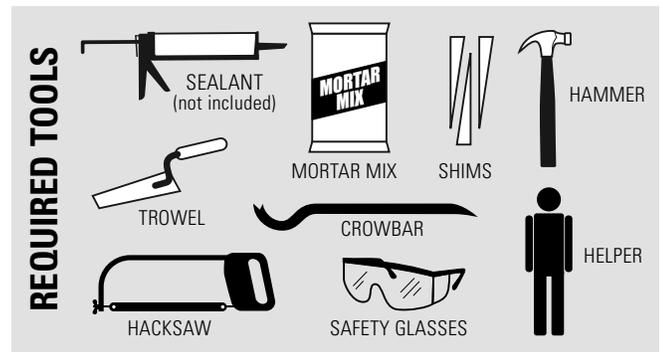


Glass Block Window New Construction Installation Instructions

New/Replacement
Construction application

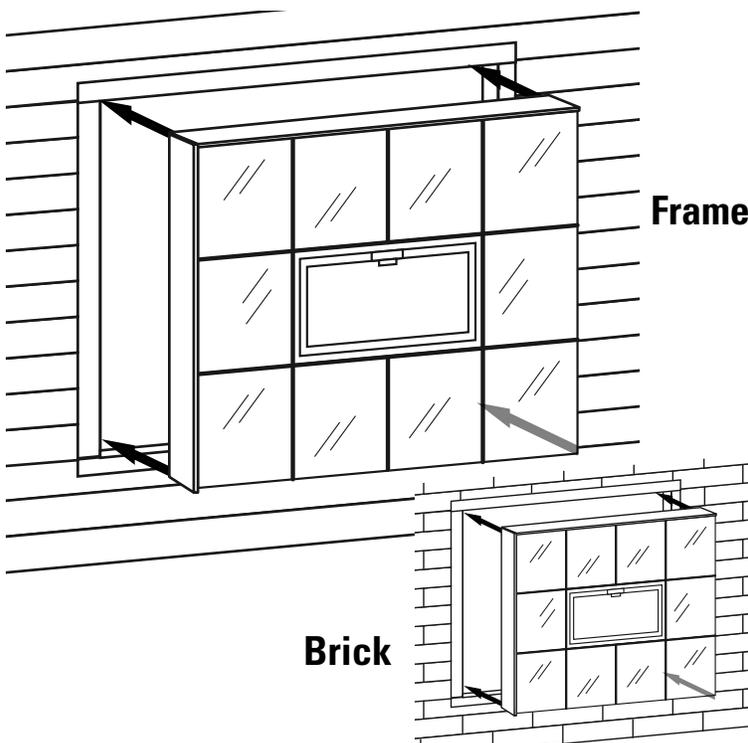
BEFORE REMOVING THE EXISTING WINDOW
Double check that the new window you are putting in will properly fit into the opening and is the correct size. To ensure a good fit, measure the window opening as if the existing frame had been already removed. The rough opening measurement should be 1/2" in. to 1" in. wider than the actual size of your replacement glass block window & frame. The gap between the new window and the rough opening will be filled with mortar (not included).

NOTE: ALWAYS WEAR SAFETY GOGGLES.
DO NOT carry pre-assembled windows flat.
Always carry vertically.



Frame

Brick



Frame

Brick

SET UP. Measure the existing opening (width & height) as if the existing window & frame were already removed from the opening. When choosing a replacement size window go down to the nearest even inch, both in width and height.

FOR EXAMPLE: if the opening measures 31¼" x 16½" your replacement window size would be 30" x 16"

Our glass block windows are stocked in the most common sizes and can be special ordered in sizes on the even inch.

STEP 1. Remove the existing window from the wall opening using a hacksaw, crowbar and/or hammer. Make sure to remove the old frame completely leaving a clean and flat surface.

STEP 2. After the opening has been prepped, Set the glass block window into the opening. From the outside, place a shim in each of the two bottom corners and then from the inside place an additional shim in the center at the top of the window. It is best to have a helper inside holding your window in place until the window is firmly shimmed in place. Center your window in the opening so that the space on the top, bottom, and each side is equal. Tap on the shims until the window is firmly secured in place.

CAUTION: Do not tap the glass block to adjust the window in the opening.

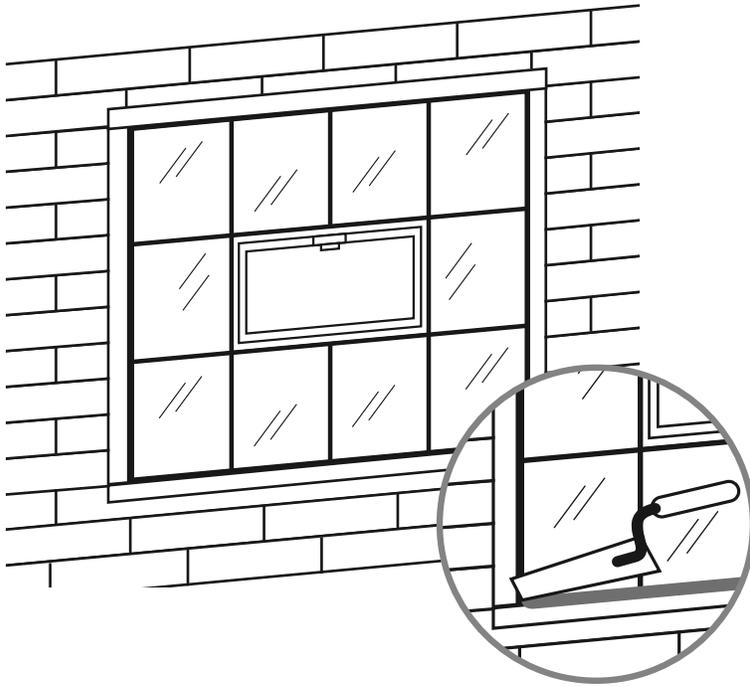
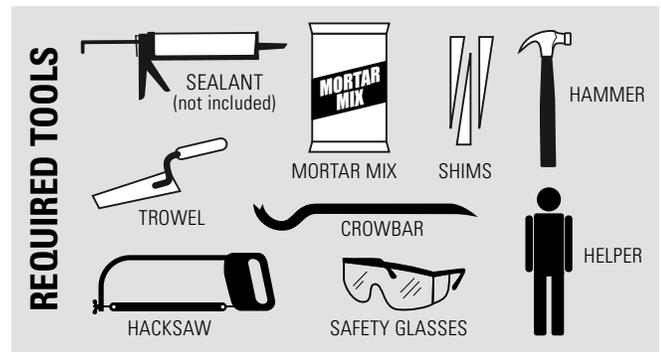
NOTE: If you are installing a vented glass block window, the vent keeper latch should be located on the inside and should be at the top.

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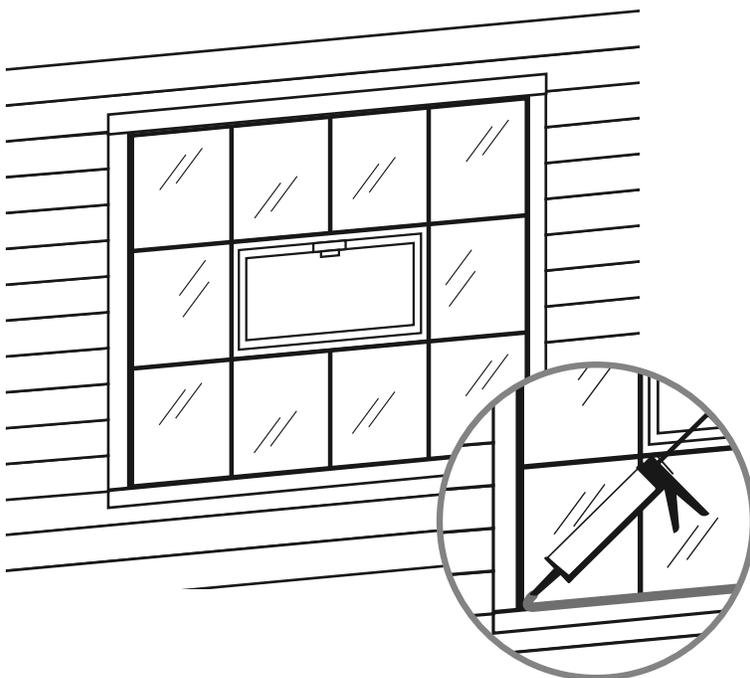
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Masonry or Brick Opening

STEP 3. Mix the mortar according to package directions. It is best to prepare the mortar to the consistency of a spreadable mud. Using a grout bag or trowel, push the mortar mix filling the spaces around the outside perimeter of the glass block window. Repeat this process around the the inside of the window until the entire space between the wall and the window is completely filled. Once the mortar begins to set, remove the shims and fill in these spaces with the leftover mortar mix.

TIP: A good way to check to see if the mortar is set and that the shims are ready to be pulled is to press your thumb into the mortar joint. If it is difficult to leave an imprint, then the shims are ready to be removed.



Wood Frame Openings

STEP 3. Use silicone to completely fill in the open gaps around the outside perimeter of the glass block window. Repeat this process on the inside until the space between the wall and the window is completely filled. Wait 24 hours to allow the silicone to completely set and support your window, then remove the shims and fill the remaining gaps with silicone.

IMPORTANT: Do not leave any empty spaces or voids for water to leak into or around your window.