

These are basic instructions for installing replacement windows. We urge you to read all of these instructions carefully before beginning the installation.

If you need more detailed instructions for a specific window style, or if you are installing windows in a new construction application, please contact your Wincore® representative.

CAUTION:
Areas that are designated as high wind-borne or debris areas may require additional or special anchorage to comply with local and state building codes. Consult your local code official for instructions regarding the installation of this product.

GETTING STARTED

1. Before removing the old window, thoroughly inspect the new unit. Verify that it's the correct size and type and that there's no damage. Make sure you have the correct installation instructions. If you have any problems with any of these areas, contact your distributor before proceeding.
2. Measure the window you're replacing by measuring the width at the top, middle, and bottom, and the height at the left, center and right. Use the smallest measurements to determine the overall width and height of the window. Without removing the old window, verify that the dimensions of the new window are such that it will fit the opening properly.
3. Without removing the old window, check the opening for square by measuring the window diagonally in each direction. If the measurements are equal, then the opening is square. If the opening is out of square, then the installation may require additional cutbacks.
4. Make sure you have all the tools and accessories you need. Wincore® carries accessories to make the installation and finishing of the window easier. Contact your Wincore® supplier for more information.

PREPARING THE OPENING

1. Remove the old window and prepare the opening, leveling the sill if necessary. Remember that the replacement window must fit plumb, level, and square in the opening, even though the opening might not be any of these. If the window is not plumb, level, and square, then:
 - Double Hung and Slider sash may be difficult or impossible to move.
 - Casement sash may not operate properly because of excessive drag on the sill.
 - The sash pivot bar on Double Hung windows can bind and prevent the sash from operating.
 - The overlapping and interlocking meeting rail on Double Hung and Slider windows may not perform properly, allowing air and water infiltration even if the sash is locked.
 - The weatherstripping may not seal properly, allowing air and water infiltration.
 - The locking system might not engage properly.
2. For sloped-sill applications, place wood blocks along the existing window sill. The blocks will help support the window and keep the sill level.
3. If necessary, attach the sill extender to the bottom of the sill and trim it to fit the opening. Be careful not to cut the sill extender too tight (to prevent deflection of the sill). Don't use the sill extender for support.
4. If the gaps between the unit and the opening are greater than 1/8", place insulation around the perimeter of the window. If the gaps are less than 1/8", then plan to use an exterior and interior perimeter seal to create a dead air space.



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INSTALLING THE WINDOW

1. With the sash closed and locked, tilt the window up into the opening. Set the window down onto the wood blocks you placed along the window sill.
2. Tighten the adjustment devices (jamb adjusters) and shim the jambs to hold the unit secure. To avoid twisting or deflection of the jambs, be careful not to overtighten the jamb adjusters.
3. Check for plumb by placing a level vertically on both the interior and face of the left and right jambs. The unit is plumb if the bubble indicator is centered.
4. Check for level by placing a level along the sill. The unit is level if the bubble indicator is centered.
5. Check for square by measuring the window frame diagonally in both directions (top-left to bottom-right and top-right to bottom-left). The frame is square if the measurements are equal. You can also visually check for square by closing the sash until it just meets the head or sill. If both sides of the sash meet the head or sill at the same time, then the window is square.
6. Check the sash where they meet the frame to verify that the weatherstripping is sealing properly in all areas. Inspect the weatherstripping to make sure it hasn't pulled out of the receiver channel. (To reinstall it, pull the weatherstripping completely out of the channel, then reinsert it by sliding the spline into the receiver channel.)
7. Check for an even reveal (gap) between the sash and the frame.
8. Once the window is plumb, level and square, install installation screws (provided) into the prefabricated installation holes in the jambs. (If this is a Casement window, refer to the NOTE below.) Use shims to establish spacing at the anchoring points and make sure the screws penetrate the shims. To avoid bowing the frame, do not overtighten the screws.
9. Recheck the sash for proper operation.

NOTE: When installing a Casement window, place screws in the installation holes. Replace existing screws closest to the center of the sill on both hinge tracks with installation screws. Before you replace the screw in the sill with the installation screw, fill the hole with a sealant, and then run the installation screw into the hole. Seal the head of the screw to make sure it remains watertight. Replace one screw in each tie bar guide with an installation screw. After the window is secured, recheck the sash operation and the weather seals. For an Awning window, replace one of the center screws in the operator assembly with an installation screw. Replace the second screw from the top and the closest screw to the bottom on the hinge tracks with installation screws. Install installation screws in the predrilled installation holes in the head. After the window is secure, recheck the sash operation and weather seals.

FINISHING

1. Use the proper grade of sealant and cover the installation screw holes.
2. If you're installing a large window or a window with high wind load requirements, install interior and exterior blind stops along the jambs, head and sill (if not already present). The blind stops must be a minimum of 3/4" x 1/2".
3. Finish off the exterior of the window. Seal the entire perimeter of the window with the proper grade of sealant. Trim and cap off where necessary. Do not cover the weeps.
4. Verify that the sash open, close and lock properly. The operable Slider sash should lift out freely.
5. Finish off the interior of the window.
6. Clean the window and remove all debris from the job site. Be sure that the homeowner is familiar with the proper operation and features of the window.