

WINDOWS —INSTALLATION INSTRUCTIONS

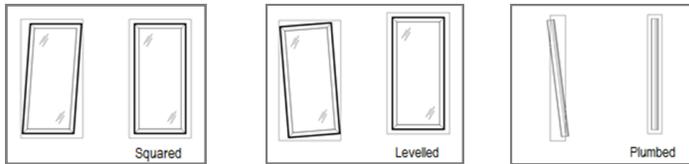


RECOMMENDATIONS

Some areas located in high wind speed zones may require additional or special anchorage in order to comply with local and state building codes. To ensure top performance from this product, please follow the installation and maintenance instructions. Installers are responsible for consulting contractors, engineers, consumers, for proper installation according to local codes and/or ordinances.

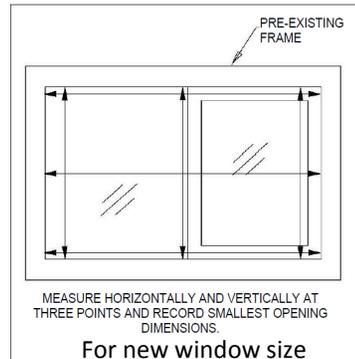
Coastal windows must be installed level, plumb, square and weather-tight in their openings. Improper installation is the greatest cause of malfunction for windows. It may also promote the deterioration of the wall construction and its respective components. If you require more in-depth instructions, please contact -

Coastal Industries Inc.



INSTALLATION

1. This product must be installed in conformity with AAMA 2400-10, AAMA 2410-13, IPCB-08 (Window, Door, and Skylight Installation).
2. To determine the rough opening size, measure horizontally and vertically at three points and record smallest opening dimensions.
3. Ensure that rough opening dimensions exceed those of the new window frame by 1/4 in. (6 mm) in width and in height.
4. Before installing the new window, make sure the surface is straight and level, and free of any debris. Otherwise, use shims at both ends and in the center to provide a straight and level base. Shims must be wide enough to provide proper support between the window frame and rough opening.
5. For retrofit window, apply a minimum 3/8" continuous sealant bead to the mounting surfaces of the pre-existing window frame across the head and down the jambs and across the exterior mounting surface of the sill, leaving a minimum void of 1" in-line with existing weep holes to allow any moisture to escape.
6. For new construction window, apply a 3/16" continuous bead of sealant around the perimeter of the unit on the interior of the window where jambs and nailing fin from a 90 degree angle and apply a second 3/8" bead of sealant from the outside edge of the nailing fin around the perimeter of the unit.
7. From the exterior, carefully tilt unit in rough opening, sill first. Press the brickmould or the nailing fin evenly against the exterior sheathing. Center unit in rough opening. Windows should be installed immediately after sealant application, before a skin forms or contamination occurs on the sealant surface.
8. Shim the window on all anchor points and where necessary to hold the unit secure while checking it for plumb, level and square. Be careful not to over shim to avoid twisting or deflection of jambs. Temporarily fasten window in opening through the nail fin slots.



9. In addition, secure the window in the opening using installation clips or screwing through the frame. Fasteners should be corrosive resistant
10. For retrofit window, screw through both the retrofit and pre-existing window frame head and jambs and anchor into the surrounding wall framing.
11. For a new construction window, secure the full perimeter with fasteners on a maximum of 16" centers. In each direction from all corners, there shall be a fastener within 10", but not closer than 3" to prevent frame distortion or fracture of joint seals. Hinged and pivoted windows may require additional fasteners near the hinge or the pivot point.
12. Do not drive nails or screws through the sill as this may allow water penetration, reduce the life of the window, and void the warranty. Do not over-tighten screw as this may warp or bend the window's frame. Seal screw-hole both prior and after installation of the screw.
13. Check the sash operation and adjust hinges and operators on casements and awnings.
14. Fill in the space around the window frame, in the interior, between the frame and the opening with fiberglass insulation. Do not block any weep openings on the pre-existing window. Do not overfill, as this may jeopardize the insulation's thermal properties and warp the frame members. If urethane foam insulation is to be used, use low expansion foam. We recommend first applying a small amount of material, allowing enough space for expansion. Once the material has expanded, a second application may be done.
15. Maintain a minimum 1/4" between the window frame and the final exterior wall surface. Install a backer rod and seal the exterior of the window with PVC-compatible caulking. On a new construction window, caulk flashing over nail fin at jambs and head.
16. Recheck the sash operation and weather-stripping.
17. Finish off the exterior of the window. Do not leave any gaps where water or outside elements can penetrate into the home. Make sure that the weeps on the outside of the window are open and that water can drain from sill and out of the weeps.

Outside temperature	Recommended relative humidity
-20°F	15% Maximum
-10°F	20% Maximum
0°F	25% Maximum
10°F	30% Maximum
20°F	35% Maximum
30°F	40% Maximum

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