

Atlantic

Premium Shutters®

Hardware for Shutters with Storm System Installation Instructions

For varying heights of shutters, use the following quantities of hinges per shutter:

- Height from 12" to 48", Two hinges per shutter
- Height greater than 48" to 76", Three hinges per shutter
- Height greater than 76" to 102", Four hinges per shutter

L-Hinges and Flat Hinges are the only approved hardware for storm rated mounting.

L-Hinges are typically used at the top and bottom of the shutter. Flat Hinges are used between L-Hinges when 3 or 4 hinges are needed.

The L-Hinge is shown for instructional purposes. If a Flat Hinge is being used, follow the same installation methods.



L-Hinge



Flat Hinge



#12 x 1" Screw

STEP 1

Measure and mark hinge locations as shown. The top and bottom hinges are typically placed 1" from the ends of the shutter.



STEP 2

Align the hinge to the outer edge of the shutter and to one of the marks previously measured. If a Polycarbonate Mounting Screw is in the way, remove it.



Polycarbonate
Mounting Screw

STEP 3

Using the hinge as a template, drill 5/32" pilot holes in the shutter. Use caution not to drill completely through the shutter.



STEP 4

Attach the hinge using the supplied #12 x 1" screws.

STEP 5

Repeat steps 2-4 for the remaining hinge(s).

STEP 6

Repeat steps 1-5 for the other shutter. Make sure to attach hinges to the opposite edge of the shutter as the first. This creates a left and right shutter.



PINTEL MOUNTING

ANCHOR SPECIFICATIONS

- Existing structure may be concrete, hollow block or wood framing. For proper anchor type based on type of existing structure, see anchor schedule below.
- Anchors shall be installed in accordance with manufacturers' recommendations.
- Where existing structure is concrete or hollow concrete block, minimum edge distance shall be 3" for all anchors.
- Where existing structure is wood framing, existing conditions may vary. Field verify that fasteners are into adequate wood framing members, not plywood.
- Minimum embedment and edge distance excludes stucco or other exterior wall finishes.

HINGE PINTEL ALLOWABLE ANCHORS:

To concrete: 3" fastener edge distance
- 3/16" X 1 3/4" embed tapcon or equivalent

To wood: 3/4" fastener edge distance
- #10 X 1 3/4" embed wood screws or equivalent

STEP 1

Hold the shutters in place in the window opening. Using shims, position the shutter in the opening to create an 1/8" gap around the top, bottom, and hinge side of the shutter. This is only necessary when mounting the shutter in an opening. The 1/8" gap does not apply for overlap conditions.



STEP 2

Identify the locations of the Pintels on the wall and mount each Pintel pointing in the upward position, except for the bottom pintel. See anchor specifications above for correct fastener.



STEP 3

Mount the bottom Pintel in the downward position. See anchor specifications above for correct fastener. Mounting the bottom Pintel in the downward position prevents the shutter from lifting off.



STEP 4

If Flat Hinges (not shown) are used between LHinges, the corresponding Pintels should point upward.

Once all the Pintels have been fastened to the wall, remove the shims.



STEP 5

Repeat steps 1-4 for the shutter on the opposite side.

