



Hurricane Shutter Installation Maintenance and Safety Guidelines

Robico Shutters, Inc. recommends that you implement the following guidelines to maintain your shutter system and ensure your safety during the installation process.

- **IMMEDIATELY WATCH ENCLOSED ROBICO SHUTTERS, Inc's INSTALLATION VIDEO.**
- **IMMEDIATELY** walk the perimeter of your home, in order to conduct a visual inspection of the fasteners at each shuttered opening. You are looking for a) screw heads filled with paint or stucco, and b) screws obstructed by concrete or brick pavers patios that are too high (under sliding glass or French doors). You should be a 1" minimum clearance under your screws.
- Familiarize yourself with your homes' panels and hardware. Practice installing your new hurricane shutters immediately . . . ***do not wait for an impending storm!***
- At the first threat of a hurricane, immediately begin preparations to shutter your home. Weather conditions may quickly deteriorate, making installation difficult and/or hazardous.
- **Annually inspect** the condition of the wall anchors, shutter panels, and miscellaneous hardware by conducting a practice installation with all appropriate members of your household.
- **Annually lubricate** the wall anchors and screws with white lithium grease.
- Always wear OSHA approved gloves and safety goggles when handling or installing your shutters. Use extreme caution when handling panels to avoid injuries to yourself or others. ***Panel edges are sharp!***
- Always wear a back support, and lift or carry only one panel at a time. **You may require assistance to install your shutters.** Robico Shutters, Inc. does not offer installation services for storm preparedness.
- **If you have any questions, please call 954-689-7545, or our Customer Service Hotline at 800-748-8371.**

Please view the enclosed instructional video in its entirety prior to commencing with application of, or work on your Robico Shutter, Inc. Storm Protection System.



HURRICANE SHUTTER INSTALLATION IN THREE EASY STEPS

In most cases, all you need to follow are these basic steps to installing your hurricane shutters directly onto the façade of your home (i.e., trackless, or Direct Mount System).

1. Loosen all screws (approximately ½") at the window or door opening.
DO NOT REMOVE THE SCREWS.

(Note: The round neoprene washers should remain flush against the wall for this system. They create a watertight seal between the stucco and the panel.)

2. Place the panels (working left to right), over the protruding screws such that the round portion of the panel's keyholes fit over the screw head, and after the top and bottom screws are through the panel's keyholes, "drop" the panel so the screws end up in the slotted portion of the keyhole.
3. Place an aluminum keyhole washer over the screw heads, and tighten screws with a battery-powered drill, using a #3 Phillips head bit.

Certain field conditions may require the use of additional installation and mounting procedures. Please refer to your enclosed Robico Shutters, Inc. instructional installation video for details.



END CLOSURES (“L” Shaped Aluminum Angles)

End Closures are used in applications where panels could not provide the necessary coverage to protect your opening. (Such as interior mounts, or openings that abut a wall, disallowing anchoring to the side.) End Closures may be applied to the top, bottom, or sides of the opening. End closures do not have panels attached to them.

If one of the openings on your home requires End Closures:

1. **Remove** all screws completely that fasten the aluminum angle.
2. Arrange the angle such that the holes in the angle align with the holes in the wall.
3. Replace and tighten screws lightly, with the round neoprene washers *outside* the angle, for added stability. After all screws are inserted and aligned, tighten screws securely.

The same procedure as above is used when your opening requires a “studded angle.” It is an aluminum “L” shaped angle with threaded studs protruding, which fit through the panels’ keyholes. A washered wing nut fastens the panel to a “studded angle.”