



"Miami-Dade County Product Control Approved"
 Hurricane Shutters and FBC Decorative Shutters
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Hurricane Shutter Systems - Bahama NOA: 09-0122.07 and Colonial NOA: 09-0122.08, Expiration Date: 11/28/2012
 Decorative Shutter Systems - Tested and Certified - Florida Building Code TAS 203-94 and ASTM E1233-06

Product Description

Fixed & Hinged Decorative Bahama Shutter & Panel Systems

Briscoe Shutters Inc. (BSI) is dedicated to providing the highest quality and standards in the design and production of our FBC Tested and Certified Decorative Shutter Systems and "Miami-Dade County Product Control Approved" Bahama, Colonial, and Bahama over Colonial Hurricane Shutter Systems.

Our unique FBC Decorative Shutter Systems incorporates the following features:

No Build out Frame is required for the Decorative Shutter Systems (optional Build Out Frame, additional fee)

Decorative Shutters by BSI

Fixed Decorative Shutters & Panels

- Fixed Decorative Bahama Shutter Attached flat to the building to enhance the architectural design of large areas, no hinges, and they do not projection away from the building
- Fixed Decorative Colonial Shutter Attached flat to the building next to a window opening for architectural enhancement of the opening, no hinges, and they do not project away form the building
- Fixed Decorative Shutter Panel Attach in an opening at the head (top) and/or jambs (sides) optional - depends on the size of the shutter, no hinges, and they do not projection away from the building

Hinged Decorative Shutters

- Hinged Decorative Bahama Hinges are located at the head (top) of the shutter with hold open/close bracket @ sill (bottom) or jambs (sides)
- Hinged Decorative Colonial Hinges are located at the jambs (sides) of the shutter with hold open/close bracket @ head (top) and/or sill (bottom)

Decorative Combinations

We can design almost any combination of shutter assembly you may desire, call for details

Shutter Frame Profile

- 1" Frame (standard) Finished frame profile is 2" (1" frame plus 1" weld guide = 2")
- 2" Frame (additional fee) Finished frame profile is 3" (2" frame plus 1" weld guide = 3")

Fixed Decorative Bahama Shutter: Fastened to the building, this is a stationary panel, no hinges, and they do not project away from the building

- 1 Decorative shutters do not have a build out frame, the shutter attaches to the structure directly
- 2 Fastening the shutter to the building structure is through the head (top), and sill (bottom) or jambs (sides)
- 3 The perpendicular opening between each fixed slat is 1/8", allowing you to see out the entire slat area from jamb to jamb or jamb to vertical mullion to jamb in the closed position
- 4 The opening in-between each fixed slat at the 45-degree angle is 1/2"

Hinged Decorative Bahama Shutter: Hinges from the top (head) and secured at the bottom (sill) or sides (jambs) when closed

- 1 Decorative shutters do not have a build out frame, the shutter attaches to the structure directly
- 2 Open Position: Hold open/close brackets (one each side) is attached to the building, the hold out rod projects from the hold open/close brackets to the back of the shutter and into a hole at the jambs of the shutter
- 3 The length of the hold our rods for the bahama shutter can be any length you desire. The angle you pick for the longest shutter is then calculated for the rod length, for each shutter, so the shutters all project out at the same angle
- 4 To secure the shutter in the closed position two 1/4" thumbscrews, one on each side screw into the hold open/close brackets that is secured to the building structure
- 5 The perpendicular opening between each fixed slat is 1/8", allowing you to see out the entire slat area from jamb to jamb or jamb to vertical mullion to jamb in the closed position
- 6 The opening in-between each fixed slat at the 45-degree angle is 1/2"

Advantages

Energy Efficient

The bahama shutter shades the window, reducing the heat gain, creating a more energy efficient building and saving electricity and money

Life Safety

Securing our shutters from the inside on most applications: Inside closing; double hung, single hung, or sliding windows, and in-swing doors. Outside closing; casements, awning, or fixed windows and out swing doors, protecting your family and belongings form unwanted guests. No storm bars or exterior clips required for BSI Hurricane Shutters maximum design pressure, negative 113.3 psf (pounds per sq ft)

Emergency Egress

Open the window, remove the two thumbscrews from the shutter, push the shutter outward, and escape from the building

Security

When the shutter is secured from the inside, its takes special tools to open the shutter from the outside. Most burglars do not carry the special tools required to break the shutters for access plus the noise that they would create will alert you or your neighbors

Peace of Mind

- 1 Problem free shutter system
 - a No off site storage of parts, all components remain with each shutter
 - b No screws or rivets holding the shutter frame together; our system is welded
 - c No sagging or deflection of the shutter leaf
- 2 You can close the shutter, open the window for ventilation, and be securing inside with double hung, single hung, or sliding windows. Outside closing for casements, awning, or fixed windows

Technical Data

Decorative Shutter Product Description with 1" Frame (standard), 2" Wide Finished Frame Profile
Shutter Material

ASTM, Aluminum Alloy, 6063-T53, and 6005

Shutter Frame	1" x 1-1/2" x 1/8" Rectangular Tube, 6063-T52
	2" x 1-1/2" X 1/8" Rectangular Tube, 6063-T52 (Additional Fee)
Shutter Head/Sill Spacer	1" x 1" x 1/8" Square Tube, 6063-T52
Slats (Louvers)	1/4" x 1" Flat Bar, 6063-T52
Weld Guides	1" x 1" x 1/8" Angle, 6063-T52
Weld Guide Back Cover	1" x 1" x 1/8" Flat Bar, 6063-T52
Hold Open/Close Bracket	2" x 2" x 1/8" x 1" Angle, 6063-T52
Hinge Assembly	Three or five leaf hinge assembly, 6005, with 3/8" hinge pin, 6063-T52
Hold Out Rods	3/8" Rod, 6063-T52
Anchors	
Concrete Block	3/16" Tap Cons, minimum embedment into block 1-1/4"
Wood Framing	#10 Wood Screws, minimum embedment into framing 1-1/4"
Steel Framing	#10-24 Tek Screws, minimum embedment into framing 1"

Assembly

Shutters are custom measured, designed, and manufactured for each opening. Mitered corners and butt connections, welded then sanded to a smooth finish. We use a stamped weld guide to maintain exact opening tolerances, the slats are welded to the shutter frames and optional mullion(s), then the back cover is installed to conceal the welds.

Shutter Finish: Weather resistant powder coatings, RAL colors, Options; Acrylic, Epoxy, Polyester, Polyurethane, Hybrid, Super (some colors and powder types subject to additional fee depending on powder coater's standard colors & types)