



"Miami-Dade County Product Control Approved"
 Hurricane Shutters and FBC Decorative Shutters
 www.bsishutters.com Email: bsishutters@juno.com
 Patent No: U.S. 6,996,934 B2 & 7,131,480 B2
 2841 Shoreview Drive, Naples FL 34112
 Office: 239-774-2025 Fax: 239-774-9483

Miami-Dade County Product Control Approved, Bahama & Colonial Shutters, TAS 201, 202, 203, NOA's @ www.miamidade.gov/building
 FBC Engineered & Certified Decorative Shutters, TAS 202 & ASTM E330-Uniform Static, ASCE 7-10 Wind Load - Components & Cladding

Architectural Specifications Hurricane Shutter Systems

Manufacture: Briscoe Shutters Inc., 2841 Shoreview Drive, Naples, Florida 34112
 Office: 239-774-2025 Fax: 239-774-9483 Email: bsishutters@juno.com

Part 1 General

Miami-Dade County, Product Control Search, Applicant, Briscoe Shutters Inc, www.miamidade.gov/building

Aluminum Bahama Shutters

NOA #16-0201.20, Expiration Date 11/28/2022, Design Pressures +84.7 psf & -113.3 psf

Aluminum Colonial Shutters

NOA #16-0201.21, Expiration Date 11/28/2022, Design Pressures +84.7 psf & -113.3 psf

Aluminum Bahama over Colonial Shutters

Bahama - NOA #16-0201.20, Expiration Date 11/28/2022, Design Pressure +77 psf & -77 psf

Colonial - NOA #16-0201.21, Expiration Date 11/28/2022, Design Pressure +77 psf & -77 psf

Lab Certifications

Miami-Dade County (05-1014.01), Florida Building Code (TST1527), IAS-ES (TL-244), AAMA, WDMA, Keystone Certifications, & Texas Department of Insurance

Tests

Large Missile Impact Florida Building Code TAS 201 and ASTM E1886/1996

Uniform Static Load Test Florida Building Code TAS 202 and ASTM E 330

Cycle Load Test Florida Building Code TAS 203 and ASTM E1886/1996

Shop Drawings

Submit shop drawings for shutter approval, type of hardware, & fasteners

Shutters Identification

Numbers stamped on the top of each Build Out Frame & Shutter(s) corresponding with size and/or location

Part 2 Products

Hurricane Bahama Shutter Build Out Frame and Shutter(s), shutter hinges are on the top (head) attached to the build out frame. Refer to Briscoe Shutters Inc, approved NOA's

Hurricane Colonial Shutter Build Out Frame and Shutter(s); shutter hinges are on the sides (jambs) attached to the build out frame. Refer to Briscoe Shutters Inc, approved NOA's

Hurricane Bahama over Colonial Shutter

Build Out Frame and Shutters, combination of bahama and colonial shutters
 Refer to Briscoe Shutters Inc, approved NOA's

Part 3 Material & Assembly Assembly

Aluminum Alloy, 6063-T53 & 6005; Tube, Flat Bar & Rod, Architectural Angle

Build Out Frame

1" (deep) * x 3" (wide) ** x 1/8" (material thickness), Miter cut corners, weld @ miter cut front & back surface

- * Depth of the Build Out Frame standard 1", governed by glass location, 1", plus maximum deflection / Miami-Dade County Product Control Approved Specifications
- ** With of the Build Out Frame standard 3" larger widths available upon request

Shutter Leaf

Shutter Frame	2" x 1-1/2" x 1/8" Rectangle Tube; Miter cut corners, weld @ miter cut front & back surface
Head/Sill Spacer	1" x 1" x 1/8" Square Tube; Weld to shutter frame head & sill at corners and middle at optional vertical mullion
Weld Guides	1" x 1" x 1/8" Architectural Angle (with stamped slots for slats/louvers); Weld at head (top), sill (bottom), & 6" o/c on the inside vertical surface of the shutter frame
Vertical Mullion	1-Right hand & 1-Left hand Weld Guides, required @ clear span over 20.5"; Weld to head (top) and sill (bottom), of the shutter frame
Horizontal Mullion	2" x 1-1/2" x 1/8" Rectangle Tube, required @ vertical clear spans over 48-3/8"; Weld to jamb (sides) of shutter frame
Slats (Louvers)	1/4" x 1" Flat Bar; Slats are placed into the weld guide, welded to the inside jambs (sides) of the shutter frame and optional vertical mullion. Perpendicular opening between each 1/4" x 1" fixed slat is 1/8". Opening between each fixed slat at the 45-degree angle is 1/2"
Weld Guide Back Covers	
Jambs	1/8" x 1" Flat Bar; Weld to shutter frame and at slat 8" o/c
Vertical Mullion	1/8" x 2" Flat Bar; Weld to shutter frame and at slats 8" o/c
Grind & Sand	Grind surface welds and sand to a smooth finish
Hinges	Width & number of hinge leafs is governed by the design pressure, refer to Briscoe Shutters Inc, approved NOA's
Fasteners	We supply all fasteners for a complete installation, Refer to "Miami-Dade County, Product Control Search at www.miamidade.gov/building for approved fastener manufactures
Hold Close Methods	Refer to Briscoe Shutters Inc, approved NOA's
Hold Open Methods	Refer to Briscoe Shutters Inc, approved NOA's
Inside Open & Close	with Single Hung, Double Hung, Horizontal Sliding Windows & In-Swing Doors

Part 4 Finish

Shutter Prep	Powder Coating; Super Durable Series 38 (RAL colors are stock colors) - Option (Additional fee) - Acrylic, Epoxy, Polyester, Polyurethane, Hybrid, and Textures Acid Wash - Build Out Frame, Shutters, hinge leafs, and brackets to remove oils, coolant solutions & wax Optional sand blast (additional Fee)
Powder Coating	Apply powder (3 to 5 mill dry thickness)
Bake Cycle	425 Deg. F @ 10 - 15 minutes,
Color Selection	Select from manufactures RAL stock color chart, 38 Series, or as selected by the Architect (some colors and powder types subject to additional fee)
Fastener Finish	Stainless Steel / Manufacturer
Mill Finish Hardware	Hinge Rods & Hold Open Rods
Performance Testing;	Flexibility (conical mandrel): 1/8", Impact (Direct/Reverse): 120/120, Hardness (pencil): 2H, Chemical (MEK): 50 double rubs, Oven Bake: 2X, Weathering: 5 yrs

BSI approved NOA's; Printable copies available at www.bsishutters.com, left column, open - NOA & FBC Approvals, or Miami-Dade County, Product Control Search, applicant, Briscoe Shutters Inc at www.miamidade.gov/building