



"Miami-Dade County Product Control Approved"
 Hurricane Shutters and FBC Decorative Shutters
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 Patent No: U.S. 6,996,934 B2 & 7,131,480 B2
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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 Loads - Components & Cladding

Architectural Specifications
Hinged Decorative Colonial Shutters

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

Florida Building Code The requirements of the 2010 Florida Building Code (FBC)(first print) as it relates to this specification section shall apply; TAS 202 & ASTM E330-Uniform Static, ASCE 7-10 Wind Loads - Components & Cladding

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

Shutters Identification Numbers stamped on the top of each shutter corresponding with size and/or location

Part 2 Product

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

Part 3 Material & Assembly

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

Assembly

Shutter Frame 1" 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 Guide, required @ clear span over 36"; Weld to head (top) and sill (bottom), of the shutter frame

Horizontal Mullion 2" x 1-1/2" x 1/8" Rectangle Tube (optional, additional fee); Weld to jambs (sides) of shutter frame

Slats (Louvers) 1/4" x 1" Flat Bar; Slats are placed into the weld guide, tack weld 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 slat @ 8" o/c

Vertical Mullion 1/8" x 2" Flat Bar; Weld to shutter frame and slats @ 8" o/c

Grind & Sand Grind surface welds and sand to a smooth finish

Shutter Brackets Custom designed brackets for each application refer to BSI FBC-12 Drawings

Hinges Width & number of hinge leafs is governed by the design pressure, refer to BSI FBC-12 Drawings & Fastener Schedules

Fasteners We supply all fasteners for a complete installation, with product approvals from Miami-Dade County Product Control Approved @ www.miamidade.gov/building or 2010 Florida

Part 4	Finish	Powder Coating: RAL - Option (additional fee) - Acrylic, Epoxy, Polyester, Polyurethane, Hybrid, Super, and Textures
	Shutter Prep	Sand blast shutters, hinge leafs, and brackets to remove oils, coolant solutions & wax
	Powder Coating	Apply powder (2 to 5 mill dry thickness)
	Bake Cycle	385 Deg. F @ 10 minutes,
	Color Selection	Select from manufactures stock color or as selected by the Architect (some colors and powder types subject to additional fee)
	Fastener Finish	Manufacturer's coating
	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 Decorative Shutter Certification and Drawings; Printable copies available at www.bsishutters.com, left column, open - NOA & FBC Approvals, scroll down to Decorative Shutter Certification & Drawings (click to open pdf)