



"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/buildingcode/
 FBC Tested, Engineered & Certified Decorative Shutters, TAS 202 & ASTM E330-Uniform Static, TAS 203 & ASTM E1886/E1996-Cyclic

Architectural Specifications
Hinged Decorative Colonial Shutters

Manufacture: Briscoe Shutters Inc., 2841 Shoreview Drive, Naples, Florida 34112
 Office: 239-774-2025 Fax: 239-774-9484 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 (procedure required under cladding), TAS 203 & ASTM E1886/E1996-Cyclic (this procedure is not required)

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 leaves 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/buildingcode/) or 2010 Florida Building Code Approved (www.floridabuilding.org) Refer to BSI Decorative Shutter Certification, Drawings, and Fastener Schedules

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 & Fastener Schedules; Printable copies available at www.bsishutters.com, left column, open, NOA & FBC Approvals, scowl down to Decorative Shutter Certification & Engineering, Decorative Shutter FBC-12 Drawings and/or Fastener Schedules (120 to 192.3 mph)