



"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

Hinge and Shutter Powder Coating Instructions

Powder Coating the Hinges

Step 1 Disassemble the hinge assembly

Caution: Paint only the hinges, do not paint the hinge pin, washers, or stainless steel screws

Step 2 Use paper clips, string the hinges together through the screw holes, from the back side, figure 1 - 4

Caution: Paper clips should not touch the finished exposed surface (small end through the hole and long part to the back of the hinge)

Step 3 Sand blast the parts to remove the oils and foreign particles from the surface (the powder bonds better to the sand blasted surface than a chemical washed surface)

Caution: Use clean rubber gloves to handle the sand blasted parts, any oil from your fingers will contaminate the surface

Step 4 Use dry air, blow the excess sand off the parts

Step 5 Powder coat the parts

Step 6 Use a 3" diameter rod to remove the excess powder from the inside of the hinge pin holes before baking (if excess paint (powder) is in the hole the hinge pin will not fit)

Step 7 Bake the powder-coated material

Caution: If the finished hinge has excess paint in the hinge pin hole after baking, use a 3/8" or 25/64" diameter drill bit to clean the excess powder from the hinge pin hole

Powder Coating the Shutter Leaf

Step 1 Sand blast the parts to remove the oils and foreign particles from the surface (the powder bonds better to the sand blasted surface than a chemical washed surface)

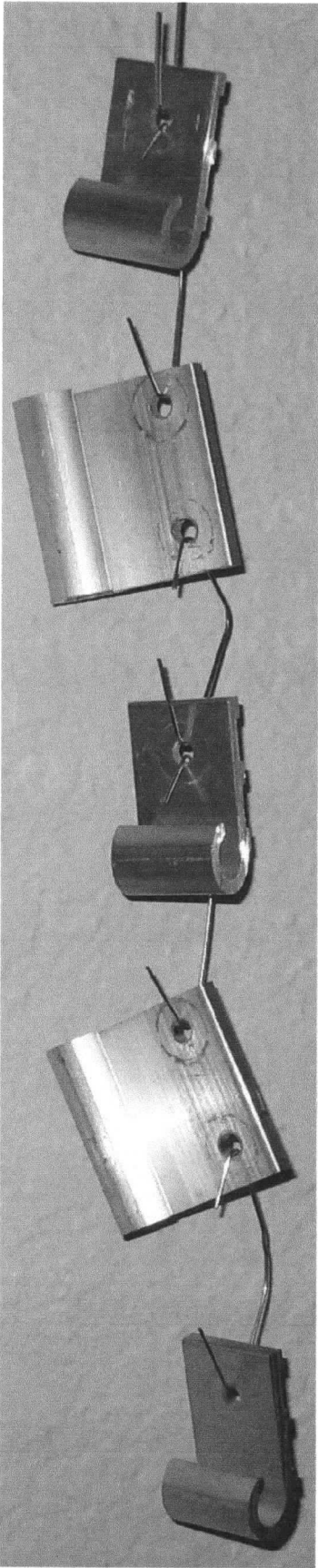
Caution: Use clean rubber gloves to handle the sand blasted parts, any oil from your fingers will contaminate the surface

Step 2 Use dry air, blow the excess sand off the parts

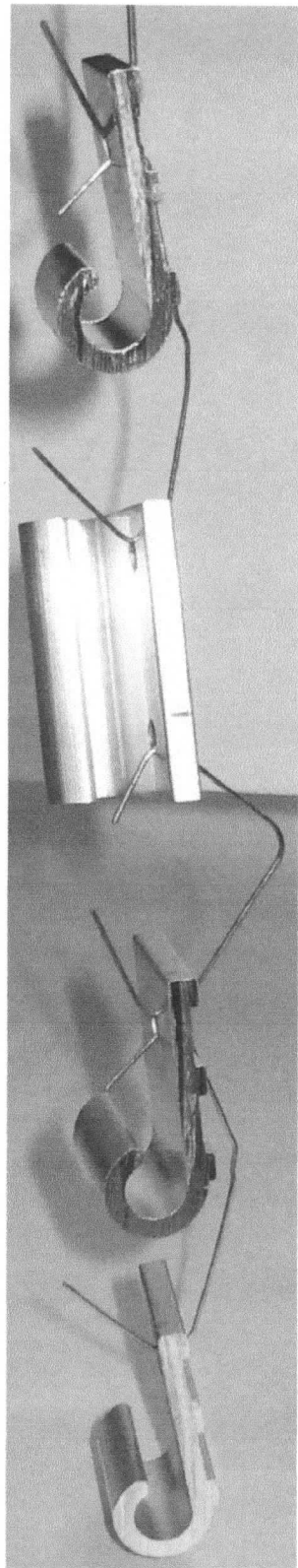
Step 3 Powder coat the shutter

Step 4 Bake the powder-coated material

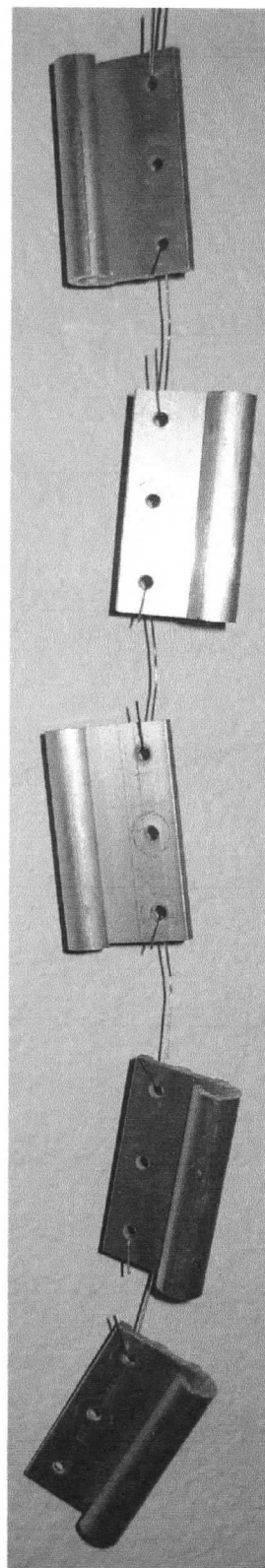
Decorative and Hurricane Hinges



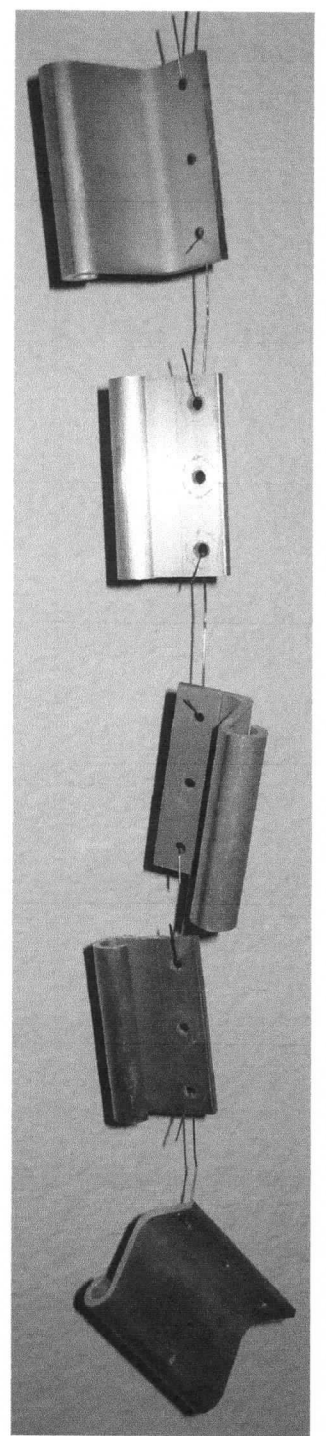
Decorative Hinges



Decorative Hinges



Hurricane Bahama Hinges



Hurricane Colonial Hinges