

PART 1 - PRODUCTS

1.01 ACCEPTABLE MANUFACTURER

A. Mirasol® Shutters / ITA Inc.

9 West Tower Circle, Bldg. A.,
Ormond Beach, FL 32174

Tel: 386-301-5172;

Fax: 386-366-8070;

www.mirasolshutterpro.com

www.itainc.net

B. Product substitutions must be approved by architect no less than of 30 days prior to close of bid.

1.02 COMPONENTRY

A. Material: "Advanced Composite Technology"; Mirasol Premier FR or Mirasol Classic FR, are co-extruded products that are 100% PVC foam core with a 100% PVC exterior grade cap stock. Shutter components meet or exceed NFPA 701 small scale fire retardant specification and will not fade, crack, peel, or warp. All other molded accessories and small components are made of color coordinated nylon or ABS material.

B. Panel: All panels are assembled using dowels to secure stiles to rails. For taller panels, horizontal mid rails provide extra strength and divide the shutter into 2 or more louver sections. Multiple louver sections allow for additional maximum light control.

C. Louvers: Louvers are elliptical shaped and are offered in 3 sizes: 2 ½", 3 ½" and 4 ½" width The louvers rotate fully in both directions. Louver spacing is both accurate and equal between louvers, creating a uniform look from shutter to shutter.

D. Rotation System: Traditional Tilt-Rod System is located on the front center of each panel and provides a tight and closure of all louvers at once. The optional (powder coated aluminum) rear tilt bar performs the same function as a tilt-bar, but is hidden on the back hinge side of the panel.

E. Frames: Five framing choices are available. Typical framing configurations can be 2, 3, or 4 sides. Build out, also called frame extensions, are available in combination with all frames to accommodate louver clearance or clear obstructions such as tile.

1. Tilt in Frame (9376): An inside mount frame, designed with a minimum light stop, to facilitate clearance for tilt in windows.

2. Small Z Frame (8796): An inside mount frame, with a 1 ¾" wide face that extends onto the face of the wall.

3. Large Z Frame 8382): An inside mount frame, with a 1 ¾" wide face that extends onto the face of the wall.

4. L Frame (8723): An inside mount or outside mount frame, with a 1" wide face.

5. Curved L (9621): An inside mount or an outside mount frame, with a ¾" wide face.

6. Direct mount: No frame - install jamb to hinge to panel

7. Hidden Hang Strip (8600): a two sided frame design to provide light stop on left and right sides

8. T-post - used in combination with any frame to create multiple panel sections to span very wide windows

F. Mounting Hardware: Manufacturer's standard screws come with painted heads. All hinges are non-mortise style with a removable pin.

1.03 FABRICATION

A. All shutters are made to order and measurements shall be accurate to within +/- 1/16"

1.04 FINISHES

A. Premier FR is offered in two colors: Aspen or Fleece. Premier FR extruded color runs through the material and the advanced composite technology is highly resistant to scratches and dings.

1. Hinges: Painted hinges are baked on enamel paint and color coordinated. **Optional:** Antique Brass, Bright Brass, Oil Rubbed Bronze, Satin Nickel or Stainless Steel hinges may be specified.

B. Classic FR is offered in 19 stock colors using Sherwin Williams® cab acrylic spray on paint. Custom colors can be specified.

1. Hinges: Baked on enamel color coordinated to the selected color. **Optional:** Antique Brass, Bright Brass, Oil Rubbed Bronze, Satin Nickel or Stainless Steel hinges may be specified.

PART 2 - GENERAL

2.01 SCOPE

A. Supplier: Furnish and install Advanced Composite Technology, Mirasol Premier FR or Classic FR shutters manufactured by ITA Inc., 9 West Tower Circle, and Bldg. A, Ormond Beach, FL 32174;
Phone: 386-301-5172; Fax: 386-366-8070
Website: www.mirasolshutterpro.com • www.itainc.net

2.02 REFERENCES

A. FR Assured®: to meet or exceed NFPA 701 Small Scale test
B. Energy Savvy®: reduce energy consumption
C. Green Assured®: non formaldehyde formulation

2.03 SUBMITTALS

A. Product information: Submit Mirasol® Shutters product literature indicating options, materials, and configuration. www.mirasolshutterpro.com
B. Drawings: Configuration and assembly drawings can be supplied upon request.
C. Color Samples: Submit a color sample in louver size and color specified.
D. All shutters are custom made to field measurements.

2.04 QUALITY ASSURANCE

A. Supplier: The manufacturer shall be approved to supply the specified products and to honor any claims against the product as covered under the warranty.
B. Installer: It is the installer's responsibility to install the product in accordance with the manufacturer's written instructions.

2.05 DELIVERY, STORAGE & HANDLING

A. Product shall be delivered to the jobsite or to the installer in the manufacturer's original package.
B. Product shall be stored in a manner which will prevent the product from being damaged prior to installation.

2.06 JOBSITE CONDITIONS

A. Field measurements: All window openings are to be measured prior to fabrication.
B. All windows and doors must be trimmed prior to measure.
C. Wet work shall be complete and dry prior to installation.

2.07 WARRANTY

A. Limited Lifetime Warranty
B. Shutters are warranted against defects in material that might result in fade, crack, peel or warp.