

Zipshade Exterior Solar Shading
Zipshade 100 System

Text in red can be modified

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This section shall include the furnishing of all plans, labor, materials, and services necessary for the installation of all Rolling Shutters covering exterior windows, doors or wall openings.

1.02 RELATED SECTIONS

- A. Section 16300 - Wiring Devices, Wire & Cable: Electrical connection for motor operators.

1.03 SUBMITTALS

- A. Submit under provisions of Section 01300 and Section 01600.
- B. Product Data: Submit manufacturer's data sheets on each product to be used, including operation and maintenance data.
- C. Shop Drawings: Indicate mounting configuration, electrical connections, access to operating mechanism, attachment and mounting to adjacent construction, rough dimensions and accessories.
- D. Samples: Manufacturer's available standard System colors/patterns and optional colors/patterns for selection by Architect.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum 2 years documented experience in applications with similar scope and materials, or manufacturer trained installer.
- B. Regulatory Requirements:
 - 1. Unless specified otherwise, for exterior installations comply with wind load requirements of the project.
 - 2. Comply with all local and governing code requirements.
 - 3. Hold a pre-installation meeting to verify installation condition, sizes, wind load requirements, and manufacturer's instruction.
 - 4. Do not proceed with remaining work until material, details, workmanship, performance and color are approved by Architect.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
 - 1. Warranty
 - 2. Refer to manufacturer's standard warranty stated in the Terms and Conditions.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: Rollac Shutter of Texas, Inc.; 5331 W. Orange Street, Pearland, TX 77581. ASD. Toll Free Tel: 888-2-ROLLAC. Tel: 281-485-1911. Fax: 866-2-ROLLAC. Email: architects@rollac.com. Web: <http://www.rollac.com>.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.02 Zipshade 100 Solar Shading Solution

A.) Box

Dimensions: 100 mm high and 100 mm deep (4" x 4"). The box consists of a fixed profile and a removable profile. Profiles are made of extruded aluminum. The side supporting sidecaps of the box, which support the roller mechanism and are equipped with pins, connect the box to the side channels.

B.) Fabric Roller

Made of galvanized steel. Recessed fabric slot limits compression of the fabric strap. The fabric roller can be removed from the sidecaps with the removable profile, which will define the position of the motor on the left or right hand side

C.) Screen Choices

- **Mermet Satine 5%.** Choose a style from fabric swatch card. Screen a horizontal seam for units over 96" tall.
- **Mermet Natte 12".** Choose a style from fabric swatch card. Screen a horizontal seam for units over 96" tall.
- **Phifer Suntex 90:** Choose a style from fabric swatch card. Screen a horizontal seam for units over 120" tall.
- **Phifer Suntex 95:** Choose a style from fabric swatch card. Screen a horizontal seam for units over 120" tall.
- **Phifer Insect Screen No – See – Ums: Charcoal,** has a seam for units over 120" tall.
- **Ferrari Soltis B92:** Choose a style for Soltis B92 Blackout from the Ferrari collection. Has a seam for units over 67" tall.

D.) Dimension

Motorized Systems:

Maximum Width: 13'
Minimum Width: 3'
Maximum Height: 11'6"
Minimum Height: 3'6"

Maximum SQFT: 115
Note: units over 9' use a lower rpm motor

Manual Gear Systems:

Maximum Width 6'
Maximum Height: 9'
Maximum SQFT: 30

E.) Side Channel

Side channels are made of an inner and an out guide rail. Inner guide rail is a coextruded plastic with an inner layer of self-lubricating plastic. This inner layer causes less friction for a smooth up and down operation as well as less wear and tear. Outer guide rail is made of aluminum extrusions. The guide rails are fixed with the box with means of side cap legs that slide into the hollow chamber. Dimensions: Width: 2" x 1 3/8"

F.) Bottom Bar

Is made of 1 extruded aluminum profile and is weighted with galvanized steel bars. The galvanized bar is covered with PE foam to prevent contact between the aluminum and steel. The extruded aluminum profile is equipped with plastic end pieces. available in four colors: black, white, grey and cream. These end pieces are always detachable without removing the side channels or opening the box. This enables a simple cleaning of the fabric on the internal side.

G.) Colors

All visible aluminum profiles (box, side channels and bottom bar) are powder-coated. Rollac has 8 available standard colors **white, light beige, dark beige, cream, grey, metallic, dark brown, bronze.**

Custom colors are available upon request

H.) Control

Manual Gear Operated

Motorized: using a 110V Somfy tubular motor, without manual emergency override

Motor Control Choices:

- Switch Operated
- Remote Control Operated

PART 3 EXECUTION

3.01 EXAMINATION

- A. Do not begin installation until substrates are within manufacturer's specified tolerances and have been prepared in accordance with manufacturer's instructions.
- B. If substrate preparation is the responsibility of another installer, do not proceed with Installation. Notify Architect of unsatisfactory preparation immediately.
- C. Commencement of work is deemed as acceptance of installation conditions.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Adjust for proper operation.

3.03 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products and finishes before Substantial Completion.

END OF SECTION