

## **EXTERIOR ROLLING SHUTTERS**

DuraComfort A200-System

### **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 EXTERIOR ROLLING SHUTTER SOLUTIONS**

- A. Roll-Up Shutters: Slat curtain coiled on overhead axle mounted in enclosed housing as manufactured by Rollac Rolling Shutter. Size, configuration, and mounting as indicated on drawings.
- B. DuraComfort A200-System. Roll Formed Aluminum Profile with 0.49 mm wall gauge and polyurethane foam insulated core. Profile coverage height 55 mm.
  - 1. Colors: As selected by Architect from standard and special colors.
  - 2. System Colors (Choose)
    - a. Silk White
    - b. Texas Cream
    - c. Attica Beige
    - d. Smokey Grey
    - e. Medium Bronze
  - 3. Special Curtain Colors (Choose)
    - a. Arcona Beige
    - b. Cream light Ivory
    - c. Arizona Cream
    - d. Maroon Brown
    - e. Metallic
  - 4. Guide Rails: (Choose)
    - a. Standard 2.5", or optional 3.0"
    - b. Color: Match System Color. if special curtain color chosen: best match
- C. Base Slat: Aluminum extruded bottom bar using aluminum alloy 6063 T5. Color: Match System Color. if special curtain color chosen: best match
- D. Manual Operator (Choose)
  - 1. Pull Strap
  - 2. Recoil Box
  - 3. Gear with Crank
  - 4. Counter Balance / Spring Operated
  - 5. Automatic Operation (Choose Type)
    - a. Thermally protected tubular motor and switch, single phase, 120VAC-60HZ, max. 3.8 amps, UL listed.
    - b. Thermally protected tubular motor with manual override and switch, single phase, 120VAC-60HZ, max. 3.8 amps, UL listed.

- c. Thermally protected tubular motor with remote control, single phase, 120VAC-60HZ, max. 3.8 amps, UL listed
- d. Thermally protected tubular motor with remote control and manual override, single phase, 120VAC, max. 3.8 amps, UL listed.

A. Housing Assembly:

- 1. Housing Assembly consisting of aluminum die casted end caps and roll formed housing with 0.040" gauge.
- 2. Housing shall follow style of 45 Degree.
- 3. Housing to host necessary mechanics and axle made of (Aluminum, Steel).
- 4. The entire housing shall (match manufacturer's recommendation on housing size for rail height, be of size: \_\_\_\_ (6" - 14"))

## **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**