



RC 42 Aluminum Foam Filled Slat

Architectural Specifications
10712 Exterior Overhead Coiling Shutters

Part 1- General Section: includes exterior overhead coiling storm and security shutters.

1.1 Submittals

- A. Product Data: Submit manufacturer's complete product data for all specified components, including specifications, finish information and installation instructions.
- B. Shop Drawings: Submit shop drawings, showing layouts, sizes, types, product materials, components and accessories, fabrication data, operation and wiring diagrams for motor driven operators, finishes, rough-in dimensions, anchorage and installation requirements and details.
- C. Samples: manufacturer's standard array of colors for selection by Architect.
- D. Quality Assurance Submittals:
 - a. Certificates: Manufacturer's certification criteria that meets design specified requirements.
 - b. Operating and Maintenance Instructions: Submit detailed maintenance requirements and operating instructions.
 - c. Warranty: Submit specified warranty documents.

1.2 Quality Assurance

Installer Qualifications: Use only manufacturer's factory trained installers or qualified licensed installers approved by shutter manufacturer.

1.3 Delivery, Storage, Handling

Deliver components in manufacturer's original, unopened, and undamaged containers with identification labels intact.

1.4 Project Conditions

Field Measurements: Verify actual measurements of openings by field measurements before fabrication. Show recorded measurements on shop drawings.

Shutter Components:

1. Slat Type: Aluminum Foam Filled: Aluminum 3005 H26 Alloy with polyurethane foam insulation core. Style AluStar RC-40 Profile. Colors: White, Cream, Light Beige, Gray, Brown.
2. Bottom EndSlat: Extruded Aluminum, 6063-T5 Alloy.
3. Operation: (Manual) (Motorized)
 - a. Manual (Pull Strap, 3:1 Crank Strap, Gear and Crank Handle, Spring push-up/pull-down). Operator to be determined by shutter curtain weight.
 - b. Motorized- Electric motor operator type: Single-phase 110V-60Hz UL approved motor. Motor manufacturer: SOMFY Systems. Provide manual override capability allowing manual operation in case of power outage.
4. End Caps: Die Cast aluminum, Style: (4 sided, 5-sided). Colors: White, Cream, Light Beige, Gray, Brown.
5. Box Housing: Roll Formed Aluminum, Style: (4-sided, 5-sided). Colors: White, Cream, Light Beige, Gray, Brown.
6. Side Tracks: Aluminum extrusion, 6306-T5, lined with woven polypropylene runners. Colors: White, Cream, Light Beige, Gray, Brown.
7. Storm Bar Assembly: Aluminum extrusion. Style and quantity per manufacturer's design to comply with certification and test reports.