

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 45 00 - Quality Control.
- .3 Section 01 78 00 - Closeout Submittals.
- .4 Section 02 41 99 - Demolition for Minor Works.
- .5 Section 06 20 00 - Finish Carpentry.
- .6 Section 09 21 16 - Gypsum Board Assemblies.
- .7 Section 09 51 99 - Acoustic Ceilings for Minor Works.
- .8 Section 09 91 99 - Painting for Minor Works.

1.2 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's printed product literature and data sheets for roller shade system and include product characteristics, performance criteria, physical size, finish and limitations.
- .3 Installation Drawings:
 - .1 Indicate on drawings dimensions in relation to window jambs, operator details, head anchorage details, hardware and accessories details.
- .4 Samples:
 - .1 Submit one representative working sample.
 - .2 Submit duplicate samples of manufacturer's standard colours for selection by Departmental Representative.
 - .3 After approval samples will be returned for incorporation into Work.

1.3 QUALITY ASSURANCE

1.4 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.

.3 Storage and Handling Requirements:

- .1 Store materials indoors and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
- .2 Store and protect blinds from nicks, scratches, and blemishes.
- .3 Replace defective or damaged materials with new.

1.5 WARRANTY

- .1 Provide five (5) year manufacturer's warranty.

Part 2 Products

2.1 ROLLER SHADE SYSTEM

- .1 Chain operated, heavy duty, 101 mm full cassette roller shade system, 274 mm wide x 335mm high; white finish.
- .2 Components
 - .1 Headrail: 6063-T6 extruded aluminum tube, 1.3 mm thick; 44 mm diameter; internal ribs
 - .2 All parts, unless noted otherwise, made of a polyamide 6.6, Delrin, zinc plated or powder coated steel
 - .3 Flat internal weight bar with silver metal bead chain
 - .4 Chain mechanism: heavy duty, complete with Clutch and Idler set made of reinforced plastic and steel components
 - .5 Spring-loaded idler endcap
 - .6 Fascia: 101mm white painted aluminum with matching endcaps, ceiling mounted
- .3 SHADE FABRIC
 - .1 Transparent, 3% openness, Mermet: T-screen Classic
 - .2 36% fiberglass, 64% vinyl
 - .3 Bi-directional weave with front and back colours
 - .4 Width: 250 em
 - .5 Weight: 395 g/m², +/- 5%
 - .6 Thickness: 0.64 mm, +I- 5%
 - .7 Colour as selected from manufacturer's full range .
 - .8 Due to specific requirements, no alternates or equals will be accepted for shadefabric.

Part 3 Execution

3.1 EXAMINATION

- .1 Verification of Conditions: verify conditions of substrates and surfaces to receive = blinds previously installed under other Sections or Contracts are acceptable for product installation in accordance with manufacturer's instructions prior to blinds installation.
 - .1 Visually inspect substrate in presence of Departmental Representative.
 - .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
 - .3 Proceed with installation only after unacceptable conditions have been remedied.

3.2 INSTALLATION

- .1 Install blinds at exterior windows as indicated on drawings.
- .2 Include centre brackets where necessary to prevent deflection of headrail.
- .3 Adjust to provide for operation without binding.
- .4 Use non corrosive metal fasteners for installation, concealed in final assembly.

3.3 ADJUSTING

- .1 Adjust blinds components for correct function and operation in accordance with manufacturer's written instructions.
- .2 Lubricate moving parts to operate smoothly and fit accurately.

3.4 CLEANING

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
 - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.

3.5 PROTECTION

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by blinds installation.

END OF SECTION