

PART 1 - GENERAL

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| <u>1.1 Related Sections</u> | .1 | Section 09 21 16 - Gypsum Board Assemblies. |
| | .1 | Section 09 22 16 - Non-structural Metal Framing. |
| <u>1.2 References</u> | .1 | American Society for Testing and Materials (ASTM)
.1 ASTM D 1784-99, Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds. |
| | .2 | Standards Council of Canada
.1 CAN/ULC-S109-03, Flame Tests of Flame-Resistant Fabrics and Films. |
| <u>1.3 Shop Drawings</u> | .1 | Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures. |
| | .2 | Indicate dimensions in relation to window jambs, operator details, head anchorage details, hardware and accessories details. |
| <u>1.4 Samples</u> | .1 | Submit and one representative working sample of hardware and fabric in accordance with Section 01 33 00 - Submittal Procedures. |
| | .2 | Submit duplicate samples of fabrics and roller blind housing material for selection by Departmental Representative. |
| <u>1.6 Waste Management and Disposal</u> | .1 | Remove and dispose from site all packaging materials at appropriate recycling facilities. |

PART 2 - PRODUCTS

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| <u>2.1 Materials and Fabrication</u> | .1 | Chain operated action with infinite positioning. Provide left or right hand operation to suit site requirements. Chain to be stainless steel ball chain with connector. |
| | .2 | Provide fully factory assembled shade unit consisting of two ABS plastic end brackets with spring clips, shade tube, extruded aluminium fascia, extruded aluminium exterior hembar or concealed hembar. With fabric as specified.
.1 End bracket: 77 x 96 mm, two piece moulded ABS construction with 64 mm diameter nylon drive sprocket. Bracket colour to match the fascia colour. Aluminium spring clip attached.
.2 Shade tube: 38mm extruded aluminium, 1.52 mm |

thick with three internal continuous fins 4.82 mm high for strength and drive capability when attached to the nylon sprocket. The fins shall be spaced 120 degrees apart.

.3 Fascia: extruded aluminium, 1.7 mm thick, complete with three continuous screw flutes.

.4 Drive assembly: factory set for size and travel of shades. Capable of being field adjusted from the exterior of the shade unit without having to disassemble the unit. Provided with a built-in shock absorber system to prevent chain breakage under normal usage conditions

.5 Drive chain: shall be No. 10 stainless steel joined with a connector, tested strength of 41 kg.

.6 Exterior Hembar: extruded aluminium with matching ABS plastic end finials.

.2 Fabric:

.1 Vinyl Coated Polyester: 25% Polyester, 75% PVC.

.2 Transparency: 5% openness factor.

.3 Colour: selected by Departmental Representative from manufacturer's standard range.

.3 Size: to suit window size. Exterior windows are butt jointed glass. Two shade units to be provided per bay where bays exceed maximum fabric width. Bays not to exceed 3500mm.

PART 3 - EXECUTION

3.1 Installation

.1 Install blinds at exterior windows as indicated.

.2 Adjust to provide for operation without binding.

.3 Use non corrosive metal fasteners for installation, concealed in final assembly.