

**Part 1 General**

**1.1 REFERENCES**

- .1 Environmental Choice Program (ECP)
  - .1 ECP-66-94, Office Furniture.

**1.2 DESIGN REQUIREMENTS**

- .1 Design vertical roller shade blinds to following requirements:
  - .1 Be designed in a manner that allows wear susceptible parts to be replaceable by either the user or the manufacturer.
  - .2 A guarantee of at least five-years of available replacement parts following discontinue of the products manufacture.
  - .3 Be accompanied by instructions for replacing or repairing worn parts, including inventory numbers for parts and procedures for ordering replacement parts.
  - .4 Be designed in a manner that permits effective disassembly of components in order to permit recycling of materials for which recycling markets exist.
  - .5 Include stamps on all major plastic components indicating composition code to facilitate recycling efforts.

**1.3 SHOP DRAWINGS**

- .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.

**1.4 SAMPLES**

- .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit one representative working sample of vertical roller shade blind.
- .3 Submit duplicate samples of manufacturer's standard colours for selection by DCC Representative.
- .4 After approval samples will be returned for incorporation into the Work.

**1.5 WASTE MANAGEMENT AND DISPOSAL**

- .1 Remove and dispose from site all packaging materials at appropriate recycling facilities.

**Part 2 Products**

**2.1 MATERIALS AND FABRICATION**

- .1 Roller mechanism: open roller type assembly for easy lift function.
- .2 Bottom rail: aluminum bottom rail with plastic end caps.
- .3 Pulleys: bead chain designed to permit ease of operation with minimum wear.
- .4 Installation brackets: metal brackets to secure roller assembly to ceiling or wall.
- .5 Approved product: Graber Solar Shade, V0420 Platinum 2000 Series, 5% openness, Continuous loop control, stainless steel chain
- .6 Fabric colour: White

**Part 3 Execution**

**3.1 INSTALLATION**

- .1 Shade roller blinds to be provided at all exterior windows of east and south facing walls on all PIL booths.
- .2 Use non corrosive metal fasteners for installation.

**END OF SECTION**