

**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**