

# 12 24 13 – Roller Window Shades

## DIVISION 12 - Furnishings



### STATEMENT OF PURPOSE & BACKGROUND

- Scope:
  - Selection, Preparation, and Installation of window shades.
- Statement of goals:
  - Provide a consistent, high quality shade installation that:
    - Creates an environment to support room function.
    - Is durable and easily cleanable.
    - Can be maintained with components stocked by the district.
- Revision history of section:
  - 03/19/13
  - 12/12/18

### SELECTION AND APPLICATION CRITERIA

Application	Selection
Classroom	Roller shade – Opaque Fabric
Office	Roller shade – Opaque or Sunshade Fabric
Media Center	Roller shade – Opaque Fabric
Cafeteria	Roller shade – Opaque or Sunshade Fabric
Interior windows & sidelights	Nurse's Office/Health Clinics – Opaque Fabric for privacy. See Part 2 (B) below for possible alternate product for other interior locations per Owner approval.

### OUTLINE SPECIFICATION

- Part 1 General
  - Extra Materials
    - Contractor to not supply any additional attic stock unless directed otherwise by Owner.
- Part 2 Products
  - (A) Referenced Window Shade Manufacturer:
    - Complete Roller Shade Units: Mode Lite Window Shade Company (763-753-2852), or other supplier using specified components.
    - Draper Inc.
    - MechoShade
    - Hunter Douglas
    - Mini Blinds: Levolor Company (For replacement of existing only)
    - Equivalent manufacturers **approved, in writing, in advance, by the Architect**, may be substituted in accordance with the provisions of the Contract.
  - Acceptable Component Manufacturer(s):
    - Roller Stock: Mode Lite extruded aluminum.
    - Room Darkening Shade Fabric: Indiana Coated Fabrics Inc. (stocked by school district; no substitutions).
    - Sun Shade Fabric: Phifer Incorporated.
    - Roller Springs: Faber Brand.
    - Brackets: Faber Brand.
    - Equivalent manufacturers **approved, in writing, in advance, by the Architect**, may be substituted in accordance with the provisions of the Contract.

- Materials
  - Mini Blinds (individual replacement only; no new installations):
    - Levolor Riviera 1" blinds
  - Shade Roller Stock: Mode Lite extruded aluminum
    - Shades up to 60 inches in width: 1" Diameter
    - Shades 60 inches to 74 inches in width: 1.5" Diameter
  - Fabric:
    - Room Darkening Opaque Fabric (25% Fiberglass, 75% PVC)
      - Fabric Weight: 12 oz. / sq yd.
      - Fabric Thickness: .35mm /0.013 inch
      - Color: Standard Matte White on both sides
    - Perforated Fiberglass Fabric
      - Perforation: 5%
      - Fabric Weight: 12 oz. / sq yd.
      - Fabric Thickness: .43mm/0.017inch
      - Phifer Shear Weave, Style 2000, Color: V22 Charcoal/Gray
  - Roller Springs: Per manufacturer's recommendations.
  - Brackets: Provide hardware allowing removal of roller tube without requiring removal of brackets.
  
- Chain-operated Shades: in general, shall not be used in student areas, but can be considered in non-student areas with Owner approval.
  - Clutch and Fascia: Roll-Ease.
  - Perforated Fiberglass Fabric as noted above.
  
- (B) Referenced Manufacturer for Privacy Shades for interior windows (*to be used only per Owner direction at specific locations*):
  - Air Louvers -- Activar Construction Products Group Inc. 1-800-554-6077.
  - Product: Velo™ Privacy Screen for interior vision lites or sidelights.
  - Construction:
    - 1-1/4" x 1/4" aluminum frame, radius corners, mitered and welded. 7/8" deep slots on both sides to house shade.
    - Roller: spring-operated roller in aluminum housing; push-button latch releases shade when retracted into roller housing.
    - Shade material: 100% opaque, black, light-blocking material, attached to a rigid pull bar.
    - Installation – interior doors: attach to room side of installed vision lite frame using 1/2" wide 3M Dual Lock™ provided. Vision lite frame to be min. 5/8" wide on all sides.
    - Installation – interior sidelights: attach to room side of 5/8" glazing stop or room side face of steel HM frame using fasteners provided.
    - Frame color: select from manufacturer's standard colors.
  
- Part 3 Execution
  - Per Consultant and / or manufacturer specification.

End of Section