SECTION 12511

HORIZONTAL BLINDS

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for furnishing and installing horizontal blinds where scheduled.

B. Related Sections:

1. Mock-ups are specified in Section 01430.

2. Vertical louver blinds are specified in Section 12512.

1.02 SUBMITTALS

A. Product Data: Furnish product data and installation instructions. Include methods of installation for each kind of opening and supporting structure.

B. Shop Drawings: Shop location and extend of blinds. Show installation details and relationships to adjoining work. Indicate location of blind controls.

C. Furnish schedule of all units to be furnished, including field measurements at each location.

D. Samples: For verification purposes, furnish 12-inch long slat for each color slat required.

1.03 QUALITY ASSURANCE

A. Installer Qualifications: Engage an experienced installer who has specialized in installing horizontal louver blinds similar to those required for this Project.

B. Single-Source Responsibility: Obtain horizontal louver blinds from one source of a single manufacturer.

1.04 PROJECT CONDITIONS

A. Field Measurements: Check openings by field measurements before fabrication. Show recorded measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delay.

PART 2 - PRODUCTS

2.01 APPROVED MANUFACTURERS

A. Levolor Corp. "Dustguard" or equal by Hunter Douglas, Inc., Louverdrape, Inc. or approved equal.

2.02 MATERIALS AND FABRICATION

A. Slats: Unperforated metal slats, nominal 1-inch wide.

B. Tilt Operation: Manual with wand.

1. Position of Tilter Control: As directed by the Architect.

2. Tilt: Full.

C. Cord Lock Operation: Cord lock, locks pull cord to stop blind at any position in ascending or descending travel.

1. Position: As directed by the Architect.

D. Cord Equalizers: Self-aligning to maintain horizontal blind position.

E. Valance: Match color of slats.

F. Color: As selected by the Architect from manufacturer's full range of colors.

G. Unit Sizes: Obtain units fabricated in sizes to fill window and other openings as follows:

1. Blind Units Installed Between Jambs: Width and length equal to 1/2-inch less than opening dimensions formed by jamb, head, and sill members of opening in which each blind is installed.

2. Blind Units Installed Outside Jambs: Width and length as indicated, with terminations between blinds of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.

H. Installation Fasteners: Not less than two fasteners per bracket, fabricated from metal non-corrosive to blind hardware and adjoining construction and to support blind units under conditions of normal use.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine openings where horizontal louver blinds will be installed. Verify that critical dimensions are correct and surface conditions acceptable.

B. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

A. Install blinds level, plumb, and located so that slat edges in any position are not closer than 1-inch to interior face of glass lites, gaps between slat ends and jambs do not exceed 1/4-inch plus or minus 1/8-inch, and bottom rail in fully lowered position is within 1/2-inch of bottom of window or other opening.

3.03 CLEANING

A. After completing the installation, clean blind surfaces according to the manufacturer's instructions.

B. Remove surplus materials, packaging, rubbish and debris resulting from the installation. Leave areas where installation occurred neat, clean, and ready for use.

END OF SECTION

SECTION 12512

VERTICAL LOUVER BLINDS

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for furnishing and installing vertical louver blinds and prefinished extruded aluminum blind pockets where scheduled.

B. Related Sections:

1. Mock-ups are specified in Section 01430.

2. Horizontal blinds are specified in Section 12511.

1.02 SUBMITTALS

A. Product Data: Furnish product data and installation instructions. Include methods of installation for each kind of opening and supporting structure.

B. Shop Drawings: Show location and extend of blinds. Show installation details and relationships to adjoining work. Indicate location of blind controls.

C. Samples: For verification purposes, furnish 12-inch long louver for each color, texture, and pattern required.

1.03 QUALITY ASSURANCE

A. Installer Qualifications: Engage an experienced installer who has specialized in installing vertical louver blinds similar to those required for this Project.

B. Single-Source Responsibility: Obtain vertical louver blinds from one source of a single manufacturer.

1.04 PROJECT CONDITIONS

A. Field Measurements: Check openings by field measurements before fabrication. Show recorded measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delay.

PART 2 - PRODUCTS

2.01 APPROVED MANUFACTURER

A. Hunter Douglas or approved equal.

2.02 MATERIALS AND FABRICATION

A. Vanes:

1. Nominal Vane Width: 2-inches.

2. Vane Material: Vinyl.

B. Vane Directional Control: Cord or chain.

C. Traversing Control: Manual with cord or chain.

D. Bottom: Connecting or spacing chains. Provide weights in fabric vanes where recommended by blind manufacturer.

E. Valance: To match color of vanes.

F. Color: To be selected by the Architect.

G. Unit Sizes: Obtain units fabricated in sizes to fill window and other openings as follows:

1. Blind Units Installed Between Jambs: Width and length equal to 1/2-inch less than opening dimensions formed by jamb, head, and sill members of opening in which each blind is installed.

2. Blind Units Installed Outside Jambs: Width and length as indicated, with terminations between blinds of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.

H. Vane Spacing: Overlapped for light exclusion when in fully closed position.

I. Installation Fasteners: Not less than two fasteners per bracket, fabricated from metal non-corrosive to blind hardware and adjoining construction and to support blind units under conditions of normal use.

J. Extruded Aluminum Blind Pockets: Provide prefinished extruded aluminum blind pockets, fabricated to configurations indicated. Provide angles and other supports required for securing pockets to support framing. Size and space angles and supports as required to support vertical louver blinds without deflection. Finish extruded aluminum blind pockets with white powder coated baked enamel in color to match acoustical ceiling suspension system and trim. Refer to Section 01430 for mock-up requirements.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine openings where vertical louver blinds will be installed. Verify that critical dimensions are correct and surface conditions acceptable.

B. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

A. Install blinds level, plumb, and located so that exterior vane edges in any position are not closer than 1-inch to interior face of glass lites.

B. Install in extruded aluminum blind pockets as indicated. Tightly butt joints where required. Intersections at end wall conditions shall be tightly butted and sealed. Finish exposed screw heads to match blind pockets.

3.03 CLEANING

A. After completing the installation, clean blind surfaces according to the manufacturer's instructions.

B. Touch-up scratches or abrasions in extruded aluminum blind pockets as required. Touch-up shall be imperceptible in the completed work and be acceptable to the Architect.

C. Remove surplus materials, packaging, rubbish and debris resulting from the installation. Leave areas where installation occurred neat, clean, and ready for use.

END OF SECTION