

**SECTION 12 22 16
DRAPERY TRACK AND ACCESSORIES**

SPEC WRITER NOTE: Delete between // // if not applicable to project. Also delete any other item or paragraph not applicable in the section and renumber the paragraphs.

PART 1 - GENERAL

1.1 DESCRIPTION

A. This section includes window drapery tracks and drapery traverse rods.

1.2 // RELATED WORK

A. //Section 01 81 13, SUSTAINABLE DESIGN REQUIREMENTS Sustainable Design Requirements. // //

1.3 SUBMITTALS

A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.

B. //Sustainable Design Submittals as described below:

1. // Postconsumer and preconsumer recycled content as specified in PART 2 - PRODUCTS.// //

C. Manufacturer's Literature and Data: Drapery tracks, traverse rod, hardware.

1.4 APPLICABLE PUBLICATIONS

A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.

B. ASTM International (ASTM):

B221-14.....Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes

B221M-13.....Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric)

D1187/D1187M-97(2018)...Asphalt-Base Emulsions for Use as Protective Coatings for Metal

C. The Aluminum Association Publication (AA):

DAF 45-2003(R2009).....Designation System for Aluminum Finishes

PART 2 - PRODUCTS

SPEC WRITER NOTES:

- 1. Make material requirements agree with applicable requirements specified in the referenced Applicable Publications. Update and specify only that which applies to the project.

2. Traverse type bi-parting tracks to be used in such places as lobbies and where shown on construction documents.

2.1 MATERIALS

- A. Aluminum, Extruded: ASTM B221M (B221).
- B. //Recycled Content of Metal Products: Postconsumer plus one-half of preconsumer content not less than // 30 // // // percent.//

2.2 WINDOW DRAPERY TRACKS

- A. General: Fabricate drapery tracks of extruded aluminum, with necessary hangers, fittings, fastenings, and curtain carriers. Provide interior finish of track suitable for passage of master carriers and other carriers.
 1. Provide traverse type tracks with // bi-parting operation // // one way draw, left or right // as required by field conditions.
 2. Where drapery width exceeds 4572 mm (15 feet) in width, provide two (2) separate one-way tracks with cords on opposite ends. Tracks shall fit together evenly, with a right hand master used on first track and a left hand master used on the second track, so that sufficient overlap of draperies will occur.
 3. Provide wall tension pulleys on all track installations.
- B. Tracks: Form of extruded aluminum 1.27 mm (0.050 inch) thick.
 1. Provide // channel shape // // flat profile // // // track with a cross section width and depth to carry the drapery without sagging.
 2. On bi-parting tracks, provide two-wheel nylon or ball bearing end pulleys with zinc-coated steel housing at each end. On one-way tracks, provide two-wheel nylon or ball bearing end pulleys with zinc-coated steel housing at one end, and nylon insert pulleys at other end of track.
- C. Wall Mounting Brackets: Provide brackets of 1.27 mm (0.05 inch) aluminum to fit flush with track faces, and be of length to allow tracks to hang 63 mm (2-1/2 inches) from wall.
- D. Carriers: Ball bearing nylon rollers or non-binding two-wheel nylon rollers with eyes for drapery hooks. Provide one (1) carrier for each 101 mm (4 inches) of track. Provide master carriers with four (4) nylon wheels each.
- E. Accessories: Provide all component parts, including No. 4 drapery cord with a rayon center, end pulleys, weighted cord pulls, batons track splicers, end shields, wall pulleys, and fastenings.

2.3 DRAPERY TRAVERSE ROD

- A. Provide heavy-duty rods, flat top type, formed of 0.96 mm (0.038 inch; 20 gauge) cold-rolled steel, with baked-on white enamel finish.
- B. Provide traverse hardware for direction of travel, and location on wall or ceiling, as required.
- C. Provide tension pulleys for each rod. Tension pulleys are to have a metal center stem.
- D. Provide cotton draw cord with rayon center, No. 4 size.
 - 1. Provide self-lubricating, nylon type carriers, brackets, and intermediate supports, and related components required for a complete working installation.

2.4 HAND TRAVERSE CORDLESS TRACK SYSTEM

- A. Provide heavy-duty track assembly with baton on room side of draperies where it is readily visible and easily used. // Ceiling mounted // // side-wall mounted // extruded aluminum track with // clear anodized // // baked enamel // finish.

2.5 FASTENERS

- A. Provide fasteners for installation as follows:

Fasteners	Structural Material
Wood or sheet metal screw	Wood
Self-tapping screw	Metal, sheet metal
Case hardened, self-tapping screw in pre-drilled hole	Solid masonry or concrete
Screw or bolt in expansion shield	Solid masonry or concrete
Toggle or molly bolt	Hollow masonry, gypsum wallboard, plaster

2.6 BITUMINOUS PAINT

- A. ASTM D1187/D1187M.

2.7 FINISH

- A. Provide exposed surfaces with the following finish:
 - 1. //Aluminum: Finish numbers for aluminum are in accordance with DAF 45.
 - a. AA-C22A31 finish chemically etched medium matte, with clear anodic coating, Class II Architectural 0.4 mils thick. //

2. //Steel: Baked-on enamel or epoxy coating finish as standard with the manufacturer. //

PART 3 - EXECUTION

3.1 PROTECTION

- A. Apply a heavy coat of bituminous paint to aluminum track surfaces that will be in contact with concrete, plaster, or dissimilar metal.

3.2 INSTALLATION

- A. Window Drapery Track: Set tracks straight and level, and rigidly anchor to surfaces with fastenings, as required by building construction.
 1. Install wall-mounted tracks with two (2) brackets 305 mm (1 foot) apart on each track end. Space intermediate supports not over 1219 mm (4 feet) apart. Leave sufficient ceiling clearance to allow for drapery heads.
- B. Drapery Traverse Rod: Provide for direction of travel, and location on wall or ceiling.
 1. As shown on construction documents.
 2. Install tension pulleys for each rod at 457 mm (18 inches) above the floor, and locate them so that they are not visible when drapes are hung.
 3. Anchor wall pulleys to window sill or wall as required by track location and length of drapes. Space intermediate supports at maximum of 1270 mm (50 inches).

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