

**SECTION 10 21 23**  
**CUBICLE CURTAIN TRACKS**

**PART 1 - GENERAL**

**1.1 DESCRIPTION:**

- A. This section specifies cubicle curtain track (C.C.T.) shower curtain tracks.

**1.2 RELATED WORK:**

- A. Steel shapes for suspending track assembly: Section 05 50 00, METAL FABRICATIONS.

**1.3 SUBMITTALS:**

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Samples:
  - 1. 305 mm (12 inch) long piece of cubicle curtain track with carrier access and end stop.
  - 2. Clip anchor for fastening track to grid system of acoustical ceilings.
  - 3. Curtain carrier for attaching curtain to track.
- C. Shop Drawings: Showing layout of tracks and method of anchorage.
- D. Manufacturer's Literature and Data:
  - 1. Cubicle curtain track.

**1.4 DELIVERY, STORAGE AND HANDLING:**

- A. Deliver material in original package marked to identify the contents, brand name, and the name of the manufacturer or supplier.
- B. Store in dry and protected location. Store so as to not bend or warp the tracks.
- C. Do not open packages until contents are needed for installation, unless verification inspection is required.

**1.5 WARRANTY:**

- A. Construction Warranty: Cubicle curtain tracks are subject to the terms of the Article "Warranty of Construction," FAR clause 52.246-21.

**1.6 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, Shapes, and Tubes

- B221M-13.....Aluminum and Aluminum-Alloy Extruded Bars,  
Rods, Wire, Shapes, and Tubes (Metric)
- B456-11.....Electrodeposited Coatings for Copper Plus  
Nickel Plus Chromium and Nickel Plus Chromium
- C. Aluminum Association (AA):  
DAF 45-09.....Designation System for Aluminum Finishes
- D. American Architectural Manufacturers Association (AAMA):  
2603-13.....Voluntary Specification, Performance  
Requirements and Test Procedures for Pigmented  
Organic Coatings on Aluminum Extrusions and  
Panels
- E. The National Association of Architectural Metal Manufacturers (NAAMM):  
AMP 500 Series.....Metal Finishes Manual

## **PART 2 - PRODUCTS**

### **2.1 CUBICLE CURTAIN TRACKS:**

- A. Permit use of INPRO Formatrac or similar flexible cubicle track system.
- B. Channel Tracks (Surface Mounted Type): Extruded aluminum,  
ASTM B221M (B221), alloy 6063, temper T5 or T6, channel shaped, with  
smooth inside raceway for curtain carriers.
- C. Curtain Carriers: Nylon carriers, with nylon wheels on metal or nylon  
axles.
  1. Equip each carrier with either stainless steel, chromium plated  
brass or steel hooks with swivel, or nickel chromium plated brass or  
stainless steel bead chain
  2. Hook for bead chain may be the same material and finish as the bead  
chain or may be chromium plated steel.
  3. Provide 2.2 carriers for every 305 mm (1 foot) of each section of  
each track length, plus one (1) additional carrier.
- D. End Stop Connectors, Ceiling Flanges and Other Accessories: Fabricate  
from the same material with the same finish as the tracks or from  
nylon.
- E. Hangers and Fittings: Fabricate from the same material with the same  
finish as the tracks. Hangers may be round or square for channel tracks  
and round for tubular tracks. Design fittings to be compatible with  
design of tracks and to safely transmit the track load to the hangers.
- F. At end of each section of track, make provision for insertion and  
removal of carriers. Design to prevent accidental removal of carrier.  
Provide operating mechanism shall be removable with common tools.

## **2.2. SHOWER CURTAIN TRACK:**

- A. Provide water/corrosion resistant aluminum surface mounted track system and glider hooks at 10 per meter (3.28 feet).

## **2.3 INTRAVENOUS SUPPORT ASSEMBLY: NOT USED**

## **2.4 FASTENERS:**

- A. Exposed Fasteners, Screws and Bolts: Stainless steel or chromium/nickel plated brass.
- B. Concealed Fasteners, Screws and Bolts: Hot-dip galvanized.
- C. Metal Clips: Anchor curtain tracks to exposed grid of lay-in acoustical tile ceilings, with concealed metal (butterfly) type or two piece snap locking type ceiling clip of high strength spring steel.
  - 1. When it is not possible to install the metal ceiling clip, the cubicle curtain track may be screwed to the ceiling grid.

## **2.5 FINISHES:**

- A. Aluminum: Finish numbers for aluminum specified are in accordance with AA DAF 45. AA-C22A31 finish, chemically etched medium matte with clear anodic coating, Class II Architectural, .01 mm (0.4 mils) thick.
- B. Chrome/Nickel Plating: Satin or polished finish, ASTM B546, minimum thickness of chromium plate as follows:
  - 1. 0.005 mm (0.2 mil) on copper alloys.
  - 2. 0.01 mm (0.4 mil) on steel.
- C. Baked Enamel or Powder Coat Finish: AAMA 2603.

## **2.6 FABRICATION:**

- A. Weld and grind smooth joints of fabricated components.
- B. Form tracks and bends of lengths that will produce the minimum number of joints. Make track sections up to 4877 mm (16 feet) without joints. Form corner bend on a 305 mm (12 inch) radius.
- C. Provide steel anchor plates, supports, and anchors for securing components to building construction.
- D. Form flat surface without distortion.
- E. Shop assemble components and package complete with anchors and fittings.

## **PART 3 - EXECUTION**

### **3.1 INSTALLATION:**

- A. Install tracks after finish painting and ceiling finishing operations are complete.

- B. Install track level and hangers plumb and securely anchor to the ceiling or suspend from above to form a rigid installation.
- C. Anchor surface mounted curtain tracks directly to exposed grid of lay-in acoustical tile ceilings with suitable fasteners, spaced approximately 610 mm (24 inches) on center.
- D. Anchor surface mounted curtain tracks to concrete, plaster and gypsum board ceilings with a minimum of 3 mm (1/8-inch) diameter fastenings or concealed clips spaced not more than 914 mm (3 feet) on center.
- E. Install suspended track 2210 mm (87 inches) above the finished floor, with hangers spaced no more than 1219 mm (4 feet) on center. At ceiling line, provide flange fittings secured to hangers with set screws. Secure track to walls with flanged fittings and to hangers with special fittings.
- F. Fasten end stop caps to prevent them from being forced out by the striking weight of carriers.
- H. Remove damaged or defective components and replace with new components or repair to the original condition.
- I. Install track rigid, plumb, level and true, and securely anchored to the overhead construction.
- J. Verify that carrier units operate smoothly and easily over the full range of travel.

- - - E N D - - -