

SECTION 10 21 23 - CUBICLE CURTAINS AND TRACK SYSTEMS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Provide cubicle curtains and cubicle track systems in accordance with project documents and plans.
- B. Related specification sections:
 - 1. Division 6 Section – Rough Carpentry
 - 2. Division 9 Section – Gypsum Board Assemblies
 - 3. Division 9 Section – Acoustical Panel Ceilings

1.2 QUALITY ASSURANCE

- A. Provide cubicle curtains, track, and hardware from a firm that has specialized in the fabrication and installation of such work for at least five (5) years in projects of similar size and scope.
- B. Provide cubicle curtains, track, and hardware as complete units produced by a single manufacturer, including the necessary mounting brackets, hardware, fittings, fastenings, and installation.
- C. Installation shall be performed by an authorized manufacturer's representative experienced in the installation and maintenance of such assemblies.

1.3 STANDARDS

- A. Except as modified by governing codes and contract documents, comply with applicable provisions and recommendations of the following:
- B. Fabrics are able to withstand a temperature of not more than 160 degrees F.
- C. Provide curtains that conform to NFPA 701 Fire Tests for Flame and Resistant Textiles and Films, and California Title 19 regulations.
 - 1. Identify fabrics with appropriate markings of applicable testing and inspecting agency.

1.4 SUBMITTALS

- A. Manufacturer's Data: Include durability, laundry temperature limit, fade resistance, and fire-test response characteristics for each type of curtain fabric indicated.
- B. Shop drawings: Submit drawings and a schedule showing layout and cubicle configurations, sizes of curtains, number of carriers, anchorage details, and conditions requiring accessories. Indicate dimensions taken from field measurements. Include details on blocking above ceiling and in walls.
- C. Verification Samples: Submit Full-size units of each type of the following products:
 - 1. Cubicle Curtains: Submit 12 inch square swatch (memo) samples illustrating fabric color, pattern repeat, and weave for each fabric specified.

2. Curtain Track: Submit sample assembly not less than 4 inches long included a full-size carrier, end cap, and pull out.
- D. Maintenance Instructions: Submit manufacturer's printed instructions for cleaning and maintenance of the products.

1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Subcontractor shall not install cubicle tracks or curtains until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, work above ceiling is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for project when occupied for its intended use.
- B. Inspect materials at delivery to assure that specified products have been received and are free of damage.
- C. Field measurements: Verify dimensions by field measurements before fabrication. Schedule with construction progress to avoid delaying the Work.

1.6 WARRANTY

- A. Provide a written warranty agreeing to repair or replace fabric curtains, hardware or materials due to faulty workmanship or installation for a period of one (1) year.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Provide cubicle curtain system as produced by one manufacturer.
- B. Approved manufacturers, Basis of Design:
 - Cube Care Company
 - 6043 NW 167th Street, Suite A-23
 - Miami Lakes Florida 33015
 - P: 305-556-8700
 - F: 305.556.8787
 - wecare@cubecare.com
 - www.cubecare.com
- C. Substitutions are not permitted. Provide Cubicle Curtains from Cube Care Co. in accordance with specifications, drawings, and contract documents.

2.2 MATERIALS

- A. Cubicle Curtain Fabric: Provide cubicle curtains fabricated with the specified materials. No substitutions permitted.
 - Manufacturer/Mill: As selected by Architect
 - Pattern:
 - Color:
 - Fabric Width:

Repeat:

Railroaded/Non-Railroaded:

- B. Mesh (optional):
 - 1. Mesh is not required when using Cube Care Classic Suspended Track or if Sprinkler System is not present, per NFPA 13.
 - 2. Mesh Specifications: Inherently Flame Resistant Polyester Mesh
 - a. 100% polyester mesh with ½ inch diameter openings
 - b. Integrated Header and Footer
 - c. Standard Width: 20"
 - d. Color: White or Buff
- C. Cubicle Curtain Track:
 - 1. Cube Care Classic Track System
 - a. Material: Extruded 5052 aluminum 0.06 wall thickness; satin anodized aluminum finish.
 - b. Dimensions: ¾ inches high by 1-3/8 inches wide
 - c. Provide straight and bent sections as indicated on drawings.
 - d. Provide factory fabricated curved track with 12-inch radius bends.
 - e. Finish: Satin coat anodized aluminum.
 - 2. Track Accessories:
 - a. Splices: Aluminum Splices to join track sections and curves. (Part No. CCA14).
 - b. End Caps: Aluminum, (Part No. CCA13).
 - c. Deluxe Spool Carriers: 2.5 carriers per linear foot (Part No. CCH4).
Nylon Wheel Carriers: 2.5 carriers per linear foot (Part No. CCHW2).
Extended Spool Carriers: 2.5 carriers per linear foot (Part No. CCEXHD)
Economy Spool Carriers: 2.5 carriers per linear foot (Part No. CCH4)
(Select one carrier type only.)
 - d. Pull Out: Aluminum, provide one per each configuration (Part No. CCA12)
 - e. Optional: Provide Nickel-plated curtain tie back, 48" long chain (Part No. CCTB02.)
 - 3. Optional: Cube Care Suspended Track System. Utilizes Suspended Track Assembly in addition to Classic Track and Accessories
 - a. Provide Suspended Track assembly attached to ceiling every 48"
 - b. Classic Ceiling Bracket: Aluminum (Part No. CCST01).
 - c. Classic Extension Tubing: Aluminum, size to be determined per field conditions (Part No. CCST02-X)
 - d. Classic Socket: Aluminum, (Part No. CCST03)
 - e. Classic Wall Mount Bracket: Aluminum, (Part No. CCST04)
 - 4. Optional: Cube Care Psychiatric Track system. Utilizes special accessories in addition to Classic Track and Accessories
 - a. Provide Tamper-resistant screws every 24"

- b. Provide Pop-out carriers that disengage at +/- 10 lbs of pressure. 2.5 carriers per linear foot (Part No. CCHPOP10)
- c. Psych Track must NOT be suspended. Only to be used with the specified carriers.

2.3 FABRICATION

Fabricate curtains to comply with the following requirements:

- A. Fabric to be tabled and squared.
- B. Width: Equal to track length from which curtain is hung plus 10 percent added fullness, but not less than 12 inches of added fullness.
- C. Length: Equal to floor-to-ceiling height minus 2 inches from finished ceiling at top, and minus distance above the finished floor at bottom as follows:
 - 1. Cubicle Curtains: 12 inches
 - 2. Shower Curtains: 2 inches
- D. Construction: Double lock stitched to top of curtain fabric, with a 1-1/4 inch wide triple thick top seam.
- E. Grommets: Provide nickel-plated ½ inch rust-proof grommets inserted in the top hem of mesh at 6 inches on center.
- F. Hem Construction:
 - 1. Top Hem: To be 1-1/2" wide, double thick and double lock stitched to mesh with a 1/2 inch wide seam.
 - 2. Bottom Hem: To be 1-1/2 inches wide double thick and double lock stitched.
 - 3. Side Hems: To be 2 inch wide double thick and double stitched.
 - 4. All hems and seams to be sewn with 100% mercerized cotton thread. Nylon thread is not acceptable.
 - 5. All seams to be flat with no puckering.
- G. Vertical Seams (for non-railroaded fabrics or panel construction only): Not less than ½ inch wide, double thick and double stitched.
- H. Fabric Railroaded: Fabrics are to be railroaded when possible to provide a seamless cubicle curtain. All other patterns are to be pattern matched and sewn with vertical seams.
- I. "Framed Curtains" (optional): Provide curtains where top and sides of mesh are outlined with fabric that matches the body of the curtain. Frame is not to have any exposed fabric edges.
- J. Curtain Snaps (optional): At top width of fabric, rustproof nickel-plated double sided snaps spaced not more than 4 ½" on center and machined into the top header of the fabric. Plastic Cap Snaps to be placed 4 ½" on center and machined into the footer of the mesh. Both the mesh footer and fabric header to be reinforced with flame resistant polyester twill tape.
- K. Maintenance labels: Each curtain is to have a Cube Care Company label sewn into the top fabric seam. Label indicates materials meet Standards and Regulations, indicates the size, number of grommets, and maintenance history.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine substrates, adjoining construction and conditions under which the work is to be installed. The work shall not proceed until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install all materials level and plumb, according to manufacturer's written instructions.
- B. Surface Mounted Track: Fasten surface-mounted tracks at intervals of not less than 24 inches. Fasten support at each splice and tangent point of each corner. Center fasteners in track to ensure unencumbered carrier operation. Attach track to ceiling as follows:
 - 1. Mechanically fasten directly to bottom of concrete deck with anchor screws.
 - 2. Mechanically fasten directly to finished ceiling with toggle bolts.
 - 3. Mechanically fasten to furring through suspended ceiling with screw and tube spacer.
 - 4. Mechanically fasten to suspended ceiling grid with screws.
- C. Suspended Track Mounting: Install track with suspended supports at intervals of not more than 84 inches. Fasten support at each splice and tangent point of each corner. Secure ends of track to wall with flanged fittings or brackets.
- D. Track Accessories: Install end caps, splices, pull outs, carriers, and other accessories as required for a secure and operational installation.
- E. Curtain Carriers: Provide curtain carriers adequate for 6-inch spacing along the full length of the curtain.
- F. Curtains: Hang curtains on each curtain track. Test for smooth operation of carriers.

3.3 PROTECTION

- A. Protect installed products until the completion of the project.
- B. Touch-up, repair, or replace damaged products before Substantial Completion.
- C. Remove debris and clean surfaces per manufacturer's instructions upon completion.

END OF SECTION