

SECTION 12 2200**CURTAINS AND DRAPES****PART 1 - GENERAL****1.1 SUMMARY**

- A. Includes But Not Limited To
 - 1. Furnish and install draperies, curtains, and hardware as described in Contract Documents.

1.2 REFERENCES

- A. Definitions:
 - 1. Flame-proofing: Process of treating materials chemically so that they will not support combustion.
 - 2. Inherently Flame Resistant: Material that meets requirements set forth in NFPA 701. Inherently flame resistant fabric is woven from fibers that are non-combustible for life of material.
- B. Reference Standards:
 - 1. National Fire Protection Association:
 - a. NFPA 701-2010, 'Methods of Fire Tests for Flame Propagation of Textiles and Films'.

1.3 SUBMITTALS

- A. Action Submittals:
 - 1. Product Data:
 - a. Flame-proofing literature.
 - 2. Samples:
 - a. **24 inch (600 mm)** wide and **48 inch (1 200 mm)** high sample including all specified elements of finished curtains, including flame retardant certification tag. Do not fabricate Project drapes until sample has been reviewed and approved by Architect.
 - b. Submit sample with Product Data submittal. Sample will serve as standard by which to evaluate Project curtains.
- B. Informational Submittals:
 - 1. Certificates:
 - a. Certificate of flame proofing.
 - 2. Qualification Statement:
 - a. Fabricator / Installer:
 - 1) Provide Qualification documentation if requested by Architect or Owner.
- C. Closeout Submittals:
 - 1. Include following in Operations And Maintenance Manual specified in Section 01 7800:
 - a. Operations and Maintenance Data:
 - 1) Operating and maintenance instructions.
 - b. Record Documentation:
 - 1) Manufacturers documentation:
 - a) Fabric Supplier's literature or cut sheets on fabric.
 - b) Curtain Rod Manufacturer's literature or cut sheets.
 - c) Color and style selection.
 - d) Certificate of flame-proofing.

1.4 QUALITY ASSURANCE

- A. Regulatory Agency Sustainability Approvals:
 1. Material used shall be inherently flame retardant with a flame spread rating meeting code requirements when tested in accordance with NFPA 701.
 2. Attach permanent tag to each panel attesting to flame retardant quality of material used.
- B. Qualifications:
 1. Fabricator / Installer: Requirements of Section 01 4301 applies, but not limited to following:
 - a. Minimum three (3) satisfactorily completed installations of comparable quality, scope, similar size, and complexity in past two (2) years before bidding.
 - b. Upon request, submit documentation.

PART 2 - PRODUCTS

2.1 ASSEMBLIES

- A. Manufacturers / Suppliers:
 1. Carole, Augusta, GA www.carolefabrics.com.
 2. Charles Samulsen, New York City, NY www.csamelson.com.
 3. Conso / Wright, West Warren, MI www.conso.com.
 4. Coral, Div Charles Samelson, New York City, NY www.coralofchicago.com.
 5. Fred Krieger & Co. Inc., Jericho, NY www.fredkriegerfabrics.com.
 6. Graber Div of Springs Industries, Montgomery, PA www.graberblinds.com.
 7. Hanes Fabric Co, Conover, NC www.hanesfabric.com.
 8. InterSpec, Allenwood, NJ (800) 526-2800 or (732) 938-4114.
 9. Kirsch Co, Freeport, IL www.kirsch.com.
 10. Rockland Industries Inc, Baltimore, MD www.roc-lon.com.
 11. Rowley Co, Gastonia, NC. www.rowleyco.com.
- B. Materials:
 1. Fabric: **Match existing coordinate with Owner**
 - a. Category Four Approved Products. See Section 01 6200 for definitions of Categories.
 - a) .
 - 2) Casements:
 - a) 5th Avenue or Bourbon Street by Coral: Neutral.
 - b) Fayette, Rosette, or Dixie by Interspec: White.
 - c) Handcart by Fred Krieger: White, Snow.
 - d) Zanzibar by Fred Krieger: White, Cream.
 - e) Snowbird by InterSpec: Ivory, White.
 - f) Layton by InterSpec: White.
 - 3) Casements:
 - a) Match exiting.
 2. Crinoline / Buckram:
 - a. Heavy or Extra Heavy grade, 4 inches (100 mm) wide, woven permanent goods.
 - b. Type Two Acceptable Products:
 - 1) BW74 by R H Rowley Co.
 - 2) 61421 by Conso.
 - 3) Equal as approved by Architect before use. See Section 01 6200.
 3. Drapery Hooks: Stainless steel, standard 1-1/2 inch (38 mm) hook with pointed hook top.
 4. Drapery Rods: **Match existing coordinate with Owner**
 - a. Outside Mount:
 - 1) Rods shall be sufficient width, window width plus 1/3, to allow drape to stack clear of window opening but no wider. This requirement may be modified as follows:
 - a) Where Drawings detail differently.
 - b) Where wall, cabinets, mechanical equipment, or other obstruction requires modification.

- c) Where symmetry of a room would indicate desirability of an exception.
 - b. Inside Mount:
 - 1) Rods shall match window width.
 - c. Traverse rods shall include wall or floor mounted tension pulleys for endless cord operation.
 - d. Category Four Approved Products. See Section 01 6200 for definitions of Categories.
 - 1) Kirsch:
 - a) 'Super Fine': Less than **15 feet (4.57 m)** long.
 - b) 'Architrac': **15 feet (4.57 m)** long and longer.
 - 2) Graber Super Heavy Duty 600 Series by Springs Industries.
- C. Fabrication:
- 1. Double top and bottom hems unless specifically specified otherwise.
 - 2. Provide necessary weights at seam and side hems.
 - 3. Fullness shall be minimum of 2-1/2 times width of space covered by drape.
 - 4. Space pleats **4 inches (100 mm)** maximum center of pleat to center of pleat.
 - 5. Drapes shall have:
 - a. Fabric inspected over back-lite table for flaws.
 - b. Straight, even blind-stitched side and bottom hems.
 - c. Seams hidden beside pleats.
 - d. Joined seams serged and overcast with no puckering.
 - e. **4 inch (100 mm)** double bottom hems and headings.
 - f. **1-1/2 inches (38 mm)** double side hem.
 - g. **2 inch (50 mm)** overlap, total of **4 inches (100 mm)** on pair.
 - h. Stack-off of 1/3 of window width.
 - i. Specified woven, permanent crinoline / buckram used in heading.
 - j. Seams match up on bottom hems.
 - k. Corners of bottom hems closed with hand stitching.
 - l. Pleats evenly spaced to size.
 - m. Straight edge across top after pleating.
 - n. Straight, even folds.
 - o. Polyester thread matching fabric color for seams and hems.

PART 3 - EXECUTION

3.1 FABRICATORS

- A. Acceptable Fabricators:
 - 1. Meet Quality Assurance Fabricator / Installer Qualifications as specified in Part 1 of this specification.

3.2 INSTALLATION

- A. Install tracks, wall or ceiling mount, with mounting device head no larger than No. 6, to yield direct withdrawal strength of **25 lbs (11 kg)** minimum.
- B. Support spacing to be as recommended in Manufacturer's literature.

3.3 CLEANING

- A. Tracks to be free of marring, scratches, and foreign material.

END OF SECTION