

**STAGE CURTAINS****PART 1      GENERAL****1.1            RELATED SECTIONS**

- .1      Section 01 33 00 - Submittal Procedures.
- .2      Section 01 74 21 – Construction/Demolition Waste Management and Disposal.
- .3      Section 01 78 00 - Closeout Submittals.

**1.2            REFERENCES**

- .1      National Fire Protection Association (NFPA)
  - .1      NFPA 701, Fire Test or Flame-Resistant Textiles and Films.
- .2      Underwriters Laboratories (UL)
  - .1      UL 214, Flame-Propagation of Fabrics and Films.

**1.3            SUBMITTALS**

- .1      Submit fire retardant test reports for fabric.
- .2      Submit sample of fabric, hardware, etc.
- .3      Submit layout and attachment drawing for review, with with design and installation to be stamped by contractor's structural engineer licensed to practice in the Province.

**1.4            CLOSEOUT SUBMITTALS**

- .1      Provide operation and maintenance data for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.
- .2      Fabrics are to be permanently and inherently fire retardant. Provide instructions for laundering and dry cleaning, and ensure that labels are affixed to the back of headings of each panel.

**1.5            PROTECTION**

- .1      Protect curtains and hardware from damage.

**1.6            SITE INSPECTION**

- .1      Contractors are to visit the site and take measurements prior to fabrication. Include for additional supports, drapery material and track due to the design characteristics of the stage area.

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**1.7 STANDARD OF ACCEPTANCE**

- .1 Products shall be supplied/manufactured by reputable specialized stage drapery manufacturer with at least 5 years of proven, successful experience, who has local representation.

**PART 2 PRODUCTS****2.1 MATERIALS**

- .1 Back Traveller:
  - .1 Drapes manufactured in Prism – 14 oz. Brushed Velour – colour Pewter – 100% Polyester, inherently flame retardant. Fullness will be 1-1/2. Heading to have a flat fold pleat reinforced with 75 mm webbing sewn on the back side of the curtain with upholstery thread to match fabric colour. Drapes will be grommeted 200 mm on centre with #2 grommets. Curtains will have a 25 mm double hem sewn with upholstery thread to match fabric colour. Panels to be sewn with a heavy duty 5 thread surger. Hem will be 125 mm double. Insert into the hem a continuous jack chain. Drape will clear the stage floor by 25 mm.
- .2 Back Traveller Hardware:
  - .1 Track model #900 series I-beam track or approved equal shall be installed as indicated with gradual curve from corners to conceal projection screen. #900 series I-beam track shall be constructed of 3.0 mm extruded mill finish aluminum with top, intermediate and bottom flanges. Install 200 mm on centre, the model #905 carriers which shall be constructed of two (2) virgin nylon wheels fastened parallel to steel body by steel rivet. The model #905 carrier body shall be complete with heavy duty swivel eye and model #924 trim chain for attachment of model #923 curtain “S” hook to the stage drapery. Tracks shall be rigidly supported using model #922 ceiling or model #921 hanging clamps and model #926 tenso chain for suspending from the ceiling. Curved tracks formed at job site, to provide smooth curvature in transition from wall at ends, to minimum protrusion to conceal existing projection screen. All steel components to be zinc plated to resist corrosion.
- .3 Support:
  - .1 In general, the track system to be installed securely and meet the normal standards of the industry, and the following: ensure proper support to building structure – design and installation shall be certified and stamped by locally-licensed structural engineer, and allow for failsafe/non-destructive operation with self-weight of system, plus accidental user applied downward load of 120 kg without damage to curtain, track or track support.

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**PART 3 EXECUTION**

**3.1 INSTALLATION**

- .1 Install all materials in accordance with manufacturers written instructions.
- .2 Provide metal or wood blocking as required to secure the tracks to structure.
- .3 Remove incorrectly sized drapery and remake to correct size.
  
- .4 Remove damaged, spotted or otherwise defective fabric and repair or replace with new material.

**END OF SECTION**