

1. GENERAL

1.1 REFERENCES

- .1 National Fire Protection Association (NFPA)
 - .1 NFPA 701: Standard Methods of Fire Tests for Flame Resistant Textiles and Films.

1.2 SUBMITTALS

- .1 Samples:
 - .1 Submit for approval. A sample shade, installed where directed, fully representing the shades to be provided.
 - .2 Submit samples of fabrics and finish colours for selection and approval.
- .2 Product Data:
 - .1 Submit manufactures printed product literature, specifications and data sheet in accordance with Section 01 33 00 – Submittal Procedures.
 - .2 Fire-Performance Characteristics: Provide shade material tested in accordance with NFPA 701 - Vertical-Burn Test and rated "PASS". AND CAN USC 109.

1.3 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2 Delivery and Acceptance Requirements: deliver materials to Site in original factory packaging, labelled with manufacturer's name and address.
- .3 Storage and Handling Requirements:
 - .1 Store materials off ground indoors in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.

1.4 QUALITY ASSURANCE

- .1 Qualifications:
 - .1 Manufacturer: capable of providing field service representation during construction and approving application method.
 - .2 Installer: experienced in performing Work of this section who has specialized in installation of Work similar to that required for this project.
- .2 Mockups:
 - .1 Construct mockups in accordance with Section 01 45 00 – Quality Control.
 - .2 Construct mockup of one glazing section on west wall with 3% specified screen fabric and one section with 5% specified screen fabric.
 - .3 Mockup used to judge workmanship, fastening method, operation of equipment and material application.
 - .4 Construct mockup where directed by Contract Administrator.
 - .5 Allow 24 hours for inspection of mockup by Contract Administrator before proceeding with Work.

- .6 When accepted by Contract Administrator, mockup will demonstrate minimum standard for this Work. Approved mockup section may remain as part of finished Work, non-selected section to be replaced with selected screen fabric at no additional cost.
- .7 Start Work only upon receipt of written acceptance of mockup by Contract Administrator.

1.5 MAINTENANCE

- .1 Submit maintenance and operating instructions, detailing the care, maintenance and cleaning of fabric.

1.6 SITE CONDITIONS

- .1 Check dimensions on Site before fabrication commences, and report to Contract Administrator in writing all discrepancies.

1.7 WARRANTY

- .1 Provide a warranty of the Work of this section, covering the period of five (5) years.
- .2 Promptly correct, at no additional cost to the Contract, any defects or deficiencies that become apparent within warranty period.

2. PRODUCTS

2.1 BLINDS

- .1 Manufacturer: Altex, Terrebonne, Quebec, Canada. 1-800-363-5930
 - .1 Product:
 - .2 Height: as indicated on drawings, approx. 1830mm
 - .3 Width: to match mullion to mullion inside dimension, to be confirmed
 - .4 Fabric: Altex Texscreen 9103 onsite
 - .5 Openness Factor: 3% or 5% (tbd from mockup)
 - .6 Colour: Oyster/Charcoal
 - .7 Roll Style: Altex Deko LL, S70 – 3"x3" Cassette with SS Chain

3. EXECUTION

3.1 EXAMINATION

- .1 Verification of Conditions: verify that conditions of substrates and surfaces to receive Work previously installed under other Sections or Contracts are acceptable for product installation in accordance with manufacturer's instructions prior to installation.
- .2 Inform Contract Administrator of unacceptable conditions immediately upon discovery.
- .3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval from Contract Administrator.
- .4 Coordinate Work with electrical and HVAC requirements for automation system.

3.2 INSTALLATION

- .1 Install materials in accordance to manufacturer's specifications, standards, and procedures as detailed on Contract drawings.
- .2 Adequate clearance shall be provided to permit unencumbered operation of shade and hardware.
- .3 Fasten up into alum. angle attached to curtain wall mullions. Provide angle to match mullion finish as indicated in drawings.
- .4 Install square, plumb, true to line with operable parts adjusted for correct function.
- .5 Before completion of the installation, the installer shall adjust all moving and operating parts to function smoothly and correctly.
- .6 All electrical lines to run vertically down into crawlspace within curtain wall glazing mullions.

3.3 CLEANING

- .1 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.

3.4 PROTECTION

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by installation.
- .3 Protect shades from damage until final inspection

END OF SECTION