

SECTION 097713 STRETCHED FABRIC WALL SYSTEM

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. The Work of this Section includes all labor, materials, equipment, and services necessary to complete the stretched fabric wall system as shown on the drawings and/or specified herein.

1.3 RELATED SECTIONS

- A. Carpentry - Section 062000.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualification: At least 5 years' experience fabricating and installation comparable work, employing skilled mechanics under competent supervision for all phases of the Work.
- B. Fire Rating: Fabrics and mounting shall comply with ASTM E 84, Class A or Class 1 for Flame Spread and Smoke Generated. Fire rating shall be for a complete assembly. Test panels shall duplicate actual job conditions.
- C. Fit and Finish - General
 1. System is a site-fabricated wall system.
 2. Joints or edge conditions where the wall system meets adjacent finishes or surfaces shall not require separations or reveals unless required by the design.
 3. Seaming shall not be included unless required by the width of the fabric goods of the wall system detailing contained in the drawings.
 4. Prefabricated panel systems do not satisfy the intent of this specification.
- D. Installer Qualifications: Installation shall be performed by a firm or entity authorized to install the approved product and licensed to work as a general contractor or a subcontractor.
 1. Installer shall have a minimum of 3 years' experience in the installation of the specified field-fabricated system.

1.5 SUBMITTALS

- A. Shop Drawings/Product Data
 1. Base drawings on field measurements.
 2. Show dimensioned wall elevations with seam and joint locations, cutout sizes and locations, anchor locations, relation to adjacent work; large scale joint and mounting details; materials type, weight/thickness, design, color; and other data necessary to fabricate and install work and coordinate work with affected trades.

- B. Samples: Two 12" x 12" (minimum) panels in selected finish, showing seam, edge and cutout conditions.
- C. Certification
 - 1. Fire Hazard: Evidence of compliance with regulatory agency and specifications requirements.
- D. Cleaning and Maintenance Instructions: Recommendations for Owner maintenance and cleaning. Identify cleaning/spotting products generically or by trade name.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Protect system materials from excessive moisture in shipment, storage, and handling. Store in a dry place with adequate ventilation. Do not store fabric in bolts in an upright position or beneath other materials as creasing may result.
- B. Require installer's representative to conduct receipt inspection of fabric goods intended for this application.
 - 1. Contractor shall ensure that delivered fabric is appropriate for the application by coordinating with the Architect and Installer.
 - 2. Fabric that is flawed by the inclusion of excessive mis-weaves, poor color match with goods specified, water damage, inadequate continuous drops without seaming, or other conditions unacceptable to the Architect, shall be rejected.

1.7 PROJECT CONDITIONS

- A. Do not install stretched fabric wall system products until the space is enclosed and weathertight.
 - 1. All other finishes in the space shall be completed to the extent necessary to prevent later damage to the wall system.
 - 2. Under no circumstances shall this application be installed until abutting grid ceiling work is complete.
 - 3. No wet work shall remain with the exception of touchup.
 - 4. Temperature and humidity shall be stable at values near those indicated for final occupancy.

1.8 MAINTENANCE

- A. Provide attic stock of fabric(s) to the Owner as a maintenance measure for the installation.
 - 1. Furnish 5% of total yardage installed for each fabric type.
 - 2. Stock at building or site as directed by the Owner.
- B. Provide for training of the Owner's maintenance staff in the fabric removal/replacement aspect of installation maintenance by the Installer.

1.9 WARRANTY

- A. Manufacturer's standard 3 year limited warranty.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Provide stretched fabric wall system as manufactured by Snap-Tex Systems, Inc., Novawall, Whisper Walls, or approved equal.

2.2 SYSTEM DESCRIPTION

- A. The system consists of continuous perimeter and mid-wall mounting channels directly applied in the field to a steel subframe with the capacity of removal and replacement of facing fabric without dismantling, removal, or replacement of mounting system.
 - 1. System shall be covered by a facing fabric that is supported in stretched condition by the mounting devices.
- B. Framing Material: One-piece extrusions incorporating mounting channels.
- C. Mounting Hardware: Manufacturer's standard fasteners for securing extruded framing members directly to substrate.
- D. Fabric: See Finish Schedule.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine the areas and conditions where stretched fabric wall system is to be installed and notify the Architect of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions are corrected to permit proper installation of the work.

3.2 INSTALLATION

- A. Apply the rigid mounting devices to the surfaces to be treated. Secure with a fastening system appropriate for the substrate.
 - 1. Fasteners shall be placed on approximately 1" centers.
- B. Ensure that the mounting system is plumb and straight, flush, and in proper alignment. Ensure that mounting device details or coloration will not be visible through the facing fabric when installed.
- C. Cut the fabric from each roll or bolt while maintaining a regular sequence of drops and matching weave direction for a uniform finished appearance. Ensure that patterned goods are joined at seams consistent with repeats.
- D. Apply the fabric and secure with the mounting device channels using a hand tool appropriate for the joint condition and the nature of the fabric. Ensure that the fabric surface is free of wrinkles and that the weave is plumb and straight and properly aligned horizontally and vertically.
 - 1. No stapling or gluing of fabric to channels will be permitted.

3.3 CLEANING AND PROTECTION

- A. Clean exposed panel surfaces as recommended by fabric manufacturer. Remove and replace fabric if cleaning in place or off-site is unsuccessful.

END OF SECTION 097713