

## UPHOLSTERED WALL SYSTEM

### PART ONE: GENERAL

#### 1.1 Description

- 1.1.1 Work of this Section, as shown or specified, shall be provided by the Interior Contractor and shall be in accordance with the requirements of the Contract Documents.
- 1.1.2 Work includes coordinating and installing all Upholstered Wall Systems as indicated on drawings and specifications and as specified herein, including all labor, materials and equipment related to the complete installation. Work shall also include procurement of specified Upholstered Wall Systems, fabric and padding unless indicated otherwise.
- 1.1.3 Related work in other Sections:
  - a. Finish Carpentry Section 06200
  - b. Wall covering Section 09950
  - c. Painting Section 09920

#### 1.2 Submittals

- 1.2.1 All submittals shall be made according to Section 01300 and as specified herein.
- 1.2.2 Submit the following to the Consultant for approval prior to installation:
  - a. Two (2) samples of each System track/framework, fabric and padding specified, of sufficient size that will show one full repeat of any repeated pattern or design, but at least 18" x 18" (450 x 450 mm) in size (minimum), and showing full range of any texture or color variations which may be expected.
  - b. Interior Contractor to provide to the Owner and the Consultant a schedule of required quantities (yardage, rolls or square

feet/meters) of each Wall covering material specified.

c. Submit installation drawings showing the following:

1. Typical panel conditions.
2. Seaming layout.
3. Typical details.
4. Special conditions.

1.2.3 Review of samples will be for color, texture and detailing only. Compliance with other requirements is the responsibility of the Interior Contractor.

1.2.4 All upholstered Wall Systems delivered and installed shall match the applicable approved samples.

### 1.3 Quality Assurance

1.3.1 All Upholstered Wall Systems shall be installed using experienced, skilled workmen to the highest standard of workmanship. The finished appearance of the Upholstered Wall Systems shall be free from blisters, wrinkles or any other defects due to faulty workmanship.

1.3.2 All work and materials shall conform to the drawings and specifications. Any changes or deviations in materials or methods must be approved by the Consultant.

1.3.3 Upholstered Wall Systems shall meet requirements of local and state codes where applicable and comply with all laws, ordinances, rules and regulations and orders of any public authority having jurisdiction over this part of the Work.

- 1.3.4 All fabrics used for the Upholstered Wall System shall be approved by the System manufacturer prior to the purchase of fabric to assure appropriateness of fabric content, weave, thickness and other characteristics affecting use in system specified.
- 1.3.5 All fabrics used for the Upholstered Wall Systems shall be appropriately backed according to Fabric Manufacturer's recommendations and Wall System requirements for use with Upholstered Wall Systems.
- 1.3.6 All finish materials shall be treated with flame retardant process where required by local code. Should flame retardant process cause change in color and effect on finish material, Interior Contractor shall notify Consultant immediately.
- 1.3.7 Interior Contractor shall be responsible for securing approval when required from the State Fire Marshal on all materials to be used. A letter from the Fire Marshal's office shall be sent to the owner indicating such approval where required.
- 1.3.8 The Interior Contractor shall be responsible for taking accurate job-site measurements for all dimensions related to the work.
- 1.3.9 The Interior Contractor shall examine all conditions pertaining to the installation of Upholstered Wall Systems and shall provide coordination as required to achieve the proper and timely completion of the installation.
- 1.3.10 The Interior Contractor will not change source or brands of materials during the course of the work, unless approved by Consultant.
- 1.3.11 The Interior Contractor must guarantee that the fabric as installed shall remain dimensionally stable year round and will not sag or distort when temperature and humidity conditions are maintained per manufacturer's recommendations. He must further guarantee that the grain and weave will be level and true and that all seams are plumb and true without sagging. If specified conditions are maintained and the fabric should sag, Interior Contractor will correct the installation at his own

expense through the addition of a muslin layer below fabric, rest retching fabric or other method, as determined by the Consultant and approved by the Owner. The Owner and/or the Consultant will be the determinant as to whether the fabric is sagging or distorted in any way.

- 1.3.12 Advise General Contractor of requirements relating to his placements of any blocking or supports which are to be used for anchoring or supporting Upholstered Wall System.

#### 1.4 Product Handling

- 1.4.1 Use all means necessary to protect the materials of this Section before, during and after installation and to protect the work and materials of all other trades.
- 1.4.2 In the event of damage immediately make all repairs and replacements needed to the approval of the Owner and with no additional cost to the Owner.

#### 1.5 General Requirements

- 1.5.1 It shall be the responsibility of the Interior Contractor to coordinate with the Mechanical Engineers in order to assure that no supply or return-air grills will adversely affect the Upholstered Wall System at walls or doors. Where such grills must occur within walls or doors specified to receive Upholstered Wall Systems, Interior Contractor must notify Consultant prior to installation to determine exact fill location and treatment. Unless directed otherwise, grills will be shimmed out so that grills align with face of completed Upholstered Wall Systems.
- 1.5.2 It shall be the responsibility of the Interior Contractor to coordinate with the Electrical Contractor to provide plates for duplex-wall receptacles and outlets switches, thermostats and other devices in the areas where the Upholstered Wall Systems occurs flush with the face of the Upholstered Wall System.

1.5.3 It shall be the responsibility of the General Contractor to seal all wall penetrations, joints or patches to insure against any and all air leaks so that these leaks will not adversely affect the Interior Contractor's finished work.

1.5.4 Fabric: It is the responsibility of the Interior Contractor to have all specified fabrics flame treated in accordance with all applicable Fire Codes in order to meet Code requirements.

## 1.6 Scheduling

1.6.1 Conditions that must be finished prior to installation:

- a. Built-in millwork.
- b. Ceiling.
- c. All electrical work complete.
- d. Floor and base.
- e. Windows, doors and trim.
- f. Painted areas.
- g. Floor coverings (carpet may be an exception).
- h. Other miscellaneous finishes.

## **PART TWO: PRODUCTS**

### 2.1 Materials

2.1.1 Provide the Upholstered Wall Systems as indicated on drawings and specifications, unless indicated otherwise.

- 2.1.2 Installation of each Upholstered Wall System shall as recommended by the Manufacturer and appropriate to the surface to which Upholstered Wall System is applied.
- 2.1.3 When fabric for Upholstered Wall Systems is specified as provided by Owner or by others, such fabric may be substituted with other similar fabric with no additional cost for installation due to such substitution. Notify Consultant prior to proceeding with any substitution.
- 2.1.4 Interior Contractor shall receive fabric Upholstered Wall Systems track and related accessories, whether supplied by Owner, by others, or by Interior Contractor, and shall immediately upon receipt inspect Wall covering for damage, manufacturing defects or flaws and verify type and quantity. Any damage, defects, flaws or discrepancies in type or yardage shall be reported to the Owner immediately and prior to any cutting or installation.
- 2.1.5 Interior Contractor shall appropriately store, protect and secure other- or Owner-supplied fabric until required for installation.
- 2.1.6 All trim, borders or other materials shall be provided as specified and shall be of the highest quality.
- 2.1.7 All wood used in the work of this section shall be treated for flame retardancy according to applicable codes and standards.
- 2.1.8 Filler/Core Material: The cavity created by the track/framework will be filled with the materials specified on the shop drawings. The fill material will be installed flushed to the track/framework and flushed to the back of the fabric and permanently secured to the substrate to prevent sagging, stretching or settling.
- 2.1.9 Fabrics: All fabrics will be cut, either on the thread or by pattern, whichever is applicable. Fabrics will be tabled square in the shop and trimmed to approximate size. When seaming of

fabric widths is specified, the fabric panels will be stitched together so that they are uniform in width. The thread will be a #4 reverse twist, and all sewing must be perfectly straight on a line and all panels evenly spaced at the top, middle and bottom. Seams will be pressed flat and glued into an open position rolled and narrow stitched as required.

- 2.1.10 Interior Contractor shall be required to submit certification from the manufacturers stated herein that the fabrics provided are preshrunk and have a zero percent shrinkage.

### **PART THREE: EXECUTION**

#### **3.1 Inspection and Preparation of Surfaces**

- 3.1.1 It is the responsibility of the Interior Contractor to see that surface is properly prepared to receive Upholstered Wall Systems as specified.
- 3.1.2 Installation of Upholstered Wall Systems shall not commence until the surfaces to which they will be applied have been inspected by the applicator and found to be satisfactory.

#### **3.2 Installation**

- 3.2.1 All installations shall be done in a workmanlike manner, consistent with the standards of the industry and shall be guaranteed for one year against defects and/or workmanship.
- 3.2.2 Installation shall be as specified and shall be in full accordance with the Upholstered Wall Systems Manufacturer's instructions, as directed herein and by the Consultant.

Woof and warp yarns must be stretched perfectly square and plumb so that the fabric is not distorted and does not pucker or ripple. All sewn seams will be squared with a plumb bob and must be true top to bottom without wavering. All fabrics will be stretched and secured in such a way as not to show the fastening technique. All fabrics will be blind tacked on all sides of each wall area in

and around cut-outs and doors without the use of any gimp, trim, hand sewing, welts or batons and not too tight as to pucker around track/framework or too loose around track/framework thus leaving a space. All fabric patterns and grains will match vertically and/or horizontally and be perfectly level. It will be the responsibility of the Interior Contractor to determine if the atmospheric conditions at the time of installation are appropriate and if the fabric should be cured on the job for a period of time prior to stretching Upholstered Wall Systems fabrics. Fabric walls shall be removable in case of damage and easily replaceable without affecting adjacent surfaces.

- 3.2.3 No seams shall occur at outside corners of walls, unless indicated otherwise.
- 3.2.4 Unless specifically indicated otherwise on drawings or specifications, for Upholstered Wall Systems panels whose width requires more than one full width of fabric, fabrics seam locations shall be as follows:
  - a. When an even number of full fabric widths is required, center the seam on the centerline of the surface width with equal number of widths occurring at each side.
  - b. When an odd number of full fabric widths are required, center one full width on the centerline of surface width with equal number of widths occurring at each side.
  - c. When full and partial fabric widths are required, center one full width on the centerline of surface width with equal number of full and/or partial widths occurring at each side.
  - d. Installation fabric so that widths of less than 18" do not occur unless approved by Consultant prior to installation.
  - e. Submit proposed seam locations to Consultant for approval prior to cutting fabric.



- 3.2.5 Fabric may be "railroaded" to avoid vertical seams when such orientation does not result in horizontal seams and when pattern does not require vertical orientation. All Fabric of the same type in a room/area shall have the same orientation.
- 3.2.6 All patterned fabric shall be match exactly at seams.
- 3.2.7 All soil marks, flaws or other defects shall be eliminated, removed or repaired as directed by the Owner prior to final acceptance.
- 3.2.8 Where Upholstered Wall Systems and fabrics with patterns with obvious repeats are specified at more than one location per room/area or in more than one related room/area, it shall be installed so that the placement and orientation of such patterns match at the Upholstery Wall System areas, unless indicated otherwise on drawings or specifications.
- 3.2.9 Prior to installation of Upholstered Wall Systems, Interior Contractor shall confirm and verify each fabric and track material with the Consultant.
- 3.2.10 Provide two copies of Manufacturer's data on Upholstered Wall Systems showing that materials comply with requirements of data sheets and specifications, also including installation instructions and maintenance recommendations, according to Section 01720.
- 3.2.11 The Interior Contractor shall correct any installation defects within a reasonable period of time.
- 3.2.12 The Interior Contractor shall be responsible for cleaning up any debris resulting from his work.

END SECTION