

FABRI-TRAK[®] UPHOLSTERED WALL SYSTEM

Section 09840

1.0 GENERAL

1.01 Scope

- A. Furnish and install **FABRI-TRAK[®]** Wall System as manufactured by **FABRI-TRAK SYSTEMS, INC.** and as required by the Contract Documents.
- B. Related Work Elsewhere
 - 1. Preparation of smooth, flat and plumb substrate.
 - 2. Architectural Woodwork, Masonry, Doors and Frames, Hardware, Gypsum Drywall, Plastering, Ceilings, Wall Covering Painting and Electrical Work.
 - 3. All electrical outlets and switch boxes must be built out to final depth before work is started.

1.02 Fire Performance Standards

- A. The stretched fabric wall panels (acoustical or tackable) shall meet the following conditions:
For Fire Safety issues: Must have a Fire Hazard Classification of Class A (0-25 Flame Spread Index, 0-450 Smoke Developed Value) as tested by an accredited fire testing laboratory in accordance with ASTM E 84-08 (or the latest version thereof), Standard Test Method for Surface Burning Characteristics of Building Materials, incorporating E 2573 (or the latest version thereof), Standard Practice for Specimen Preparation and Mounting of Site-Fabricated Stretchwall Systems to Assess Surface Burning Characteristics (which includes a longitudinal midseam running the entire length of the test specimen to ensure that all components of the system are exposed to the flame front for the duration of the test) .

1.03 Qualifications

- A. The installation work of this Section shall be performed by an authorized dealer, licensed by the manufacturer, and shall be a member of the Wall Upholstery Guild of America (W.U.G.A.) and shall be certified as such.
- B. Dealer's installers must have completed a formal, Fabri Trak[®] Systems, Inc. approved, installation training program.
- C. FABRI TRAK[®] in sizes 3/8 inch. 1/2 inch. 3/4 inch 1 inch must be able to be installed on round columns and portholes

1.04 Quality Assurance

- A. The fabric shall be stretched tautly over the subsurface and the FABRI TRAK[®] System framework without the use of glue.
- B. The fabric border shall be inserted completely into the clamping inlet jaws of the FABRI TRAK[®] framework creating a clean crisp appearance devoid of raw edges or loose threads.
- C. The fabric shall be installed from the face side after framework is securely fastened to insure perfect horizontal and vertical grain alignment.
- D. The fabric pattern shall be matched and true, certain fabrics cannot be matched.
- E. The fabric shall be removable and replaceable for changeability and to provide access to the surface behind the fabric.
- F. The framework shall not "read through" the fabric.
- G. An interlining shall be installed beneath the face fabric in the event a translucent fabric has been specified.

1.05 Submittal

- A. Submit manufacturer's product specifications and such other data as may be required to show compliance with the Contract Documents.
- B. Submit in writing to the Owner, through the Architect, the manufacturer's dealer certification.
- C. **Submit installation Dealer's five (5) year Limited Warranty against defects in the FABRITRAK® materials and workmanship.**
- D. Installation dealer shall submit a list with a minimum of five (5) comparable installations as references, with appropriate reference-contact information to attest to Dealer's Quality and Integrity.
- E. Submit written proof of a certified recycling program showing that all of the FABRITRAK® system's "Trak" is recycled using the FABRITRAK® System's Disposal, Recycling and Reclamation Program. (copies available upon request)
- F. If **Bio-Trak®** is specified – Submit manufacturer's letter certifying addition of specially formulated modifiers to FABRITRAK® allowing it to bio-degrade in land fill situations.

1.06 Product Handling

- A. Store all materials off the ground and protected from dirt and dust of construction operations.
- B. Handle materials in a manner that will protect them from damage and soiling.
- C. *Ensure that all Fabri Trak® discards and non-usable pieces are returned to FABRI TRAK® Systems, Inc. for disposal in the Disposal, Recycling and Reclamation program.*

2.0 PRODUCTS

2.01 Acoustical or Tackable Wall Treatment System

- A. The system shall consist of site installed and fabricated, concealed **FABRI-TRAK®** System as manufactured by **FABRI-TRAK® SYSTEMS, INC.** For the authorized dealer in your area contact:

USA

FABRI-TRAK® SYSTEMS, INC.

Phone: 1-877-FABRITRAK (USA only)

1-609-409-6700 (USA & International)

Fax: 1-609-409-7377

Email: info@fabritrak.com

- B. The System Components shall consist of the following:
 1. Rigid vinyl framework with clamping jaws, one-piece section
(Select correct thickness below, eliminate others not used)
 - a. Rigid vinyl framework with serrated clamping jaws, one-piece section
1" wide by 3/8" thick, fire retardant FABRI-TRAK® or Bio Trak.
 - b. Rigid vinyl framework with serrated clamping jaws, one-piece section
1" wide by 1/2" thick, fire retardant FABRI-TRAK® or Bio Trak.
 - c. Rigid vinyl framework with serrated clamping jaws, one-piece section
1" wide by 3/4" thick, fire retardant FABRI-TRAK® or Bio Trak.
 - d. Rigid vinyl framework with serrated clamping jaws, one-piece section
1" wide by 1" thick, fire retardant FABRI-TRAK® or Bio Trak.
 - e. Rigid vinyl framework with serrated clamping jaws, one-piece section
1" wide by 1 1/4" thick, fire retardant FABRI-TRAK® or Bio Trak.
 - f. Rigid vinyl framework with serrated clamping jaws, one-piece section
1" wide by 2" thick, fire retardant FABRI-TRAK® or Bio Trak.

2. **Bio-Trak®** - FABRITRAK® System's **bio-degradable frameworks** made from fire-retardant rigid vinyl material with the addition of specially formulated modifiers that permit the framework to biodegrade in landfill conditions.

3. **FABRI-TRAK®** System is available with the following edge profiles.
(Select the correct profile below, eliminate the others not used)

- a. RE—Radius
- b. SE—Square
- c. BE—Bevel

4. **FABRI-TRAK®** System is available with the following sub-surfaces (underlay).

A. ACOUSTICAL:

1. FABRI-FILL™

- a. 3/8" thick compressible FR polyester padding
- b. 1/2" thick compressible FR polyester padding
- c. 3/4" thick compressible FR polyester padding

2. **FABRI-TRAK®** "SOUND CONTROL" BOARD (100% Recycled Material)

(Please select the Thickness to suit your application and add it to the Density)

- a. 1/2" thick is available in 3.0# and 4.5# Density
- c. 1" thick is available in 3.0#, 4.5# and 6.0# Density
- d. 2" thick is available in 3.0# Density

3. FIBERGLASS ACOUSTIC BOARD

(Please select the Thickness to suit your application and add it to the Density)

- a. 3/8" thick is available in 3.0#, 4.5#, 6.0#, 9.0# and various other Densities
- b. 1/2" thick is available in 3.0#, 4.5#, 6.0#, 9.0# and various other Densities
- c. 3/4" thick is available in 3.0#, 4.5#, 6.0#, 9.0# and various other Densities
- d. 1" thick is available in 3.0#, 4.5#, 6.0#, 9.0# and various other Densities
Including **High-Impact boards made from molded fiberglass**
- e. 2" thick is available in 3.0#, 4.5#, 6.0#, 9.0# and various other Densities

B. TACKABLE:

(Please select the Thickness to suit your application and add it to the Density)

1. 3/8" Thickness:

- a. Compressed Fiberboard—Fire Retardant
- b. Matt faced Acoustic Board—Fire Retardant
- c. Plywood—Fire Retardant

2. 1/2" Thickness:

- a. Compressed Fiberboard—Fire Retardant
- b. Matt faced Acoustic Board—Fire Retardant
- c. Plywood—Fire Retardant

3. 1" Thickness:

- a. Compressed Fiberboard—Fire Retardant
- b. Matt faced Acoustic Board—Fire Retardant
- c. Plywood—Fire Retardant

4. 2" Thickness:

- a. Compressed Fiberboard—Fire Retardant
- b. Matt faced Acoustic Board—Fire Retardant
- c. Plywood—Fire Retardant

C. COMBINATION:

1. ACOUSTIC and TACKABLE:

Combine various sub-surfaces beneath the fabric to accommodate specific project requirements.
(Please refer to elevations for which subsurface areas shall be acoustic and which shall be tackable).

- C. Fabric: Shall be approved by the Installation Dealer as to suitability in its usage with the Fabri Trak System. The Architect (for the Owner) shall submit the following information concerning the fabric to the Installation Dealer. The Architect may specify that the fabric shall be of recycled material.
1. Fabric Manufacturer
 2. Width of Fabric
 3. Contents
 4. Style Number
 5. Color
 6. Flame Retardant
 7. Sample of fabric (at least 12" x 12")

(Include one of the following two lines in your spec and eliminate the other)

The fabric is to be supplied by the owner or architect.
The fabric is to be supplied by the Installation Dealer.

3.0 EXECUTION

3.01 Existing Conditions

- A. Examine the condition of the substrate and the conditions under which the work of the Section is to be performed. Notify the Contractor in writing of any unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner satisfactory to the installer.
- B. Do not install acoustical wall panel fabric in any space until:
1. The space is enclosed and is weather tight.
 2. All wet work has been completed and is dry.
 3. Painting is completed and wall base and floor covering installed.
 4. All adjacent and related work of other trades has been completed including, in part Architectural Woodwork, Masonry, Doors and Frames, Hardware, Gypsum Drywall, Plastering, Wall Covering, Painting, Ceiling Grid, and Electrical Work.
 5. Ambient temperature and humidity are continuously maintained at values indicated for final acceptance of the building or occupancy of the space.
 6. Permanent lighting shall be in place and operational before the fabric panels are installed.

3.02 Installation

- A. Field measure each wall area, which is to receive the acoustical or tackable treatment to establish the exact layout of the units as shown on elevations.
- B. Apply the FABRITRAK® framework in the areas to receive the acoustical wall treatment as shown on the drawings. Secure the framework with suitable mastic and special, heavy duty; one-inch diverging staples located not more than 2" on center. Other fasteners may be used as required for specific substrates, providing they are in strict accordance with the manufacturer's printed instructions and comply with governing regulations and fire resistance rating requirements specified.
- C. Install the FABRITRAK® framework plumb and straight, flush in proper alignment.
- D. Install the sub-surface material, continuous and flush, to the shoulder of the track.

- E. Cut the fabric from each roll marking and maintaining sequence of drops and matching direction of weave for sequential and uniform installation.
- F. Install the fabric from the face side after the framework is securely fastened to insure perfect horizontal and vertical grain alignment.
- G. The fabric shall be stretched tautly, evenly and smoothly and be free of defects and flaws.
- H. No stapling or gluing of fabric to core or channels will be permitted.
- I. Penetrations through the face of fabric of any kind (i.e. staples, nails, etc.) will be prohibited.
- J. Prewrapped, prefabricated, or wood ground systems do not meet the intent of this specification.
- K. Z-Clip, Velcro or Glued installation techniques do not meet the intent of this specification
- L. Sewn seams of any type (thread or ultra sonic welds) do not meet the intent of this specification.
- M. Installation shall be timely and installers shall be courteous and cooperate with other trades.
- N. No substitution of Fabri Trak® shall be permitted.

3.03 Cleaning and Protection

- A. Clean exposed surfaces of acoustical wall panels. Trim and remove all loose threads.
- B. Remove surplus materials, rubbish and debris resulting from the FABRI-TRAK® installation and leave areas of installation in a neat, clean condition.
- C. If site conditions require, cover fabric panels with vinyl drop cloths.

END OF SECTION