
SUSTAINABLE SPECIFICATION

Sections 9840 • 9841

PART 1 GENERAL

1.01 Scope

- A. Section Includes
 - 1. Stretch fabric wall panels
 - 2. Stretch fabric ceiling panels
 - 3. Fully sustainable framework
 - 4. Fully sustainable core material
 - 5. Fully sustainable fabric
 - a. Furnish and install **SoftWalls™ GREEN** Acoustical & Tackable Stretch Fabric Systems.

- B. Related Work Specified Elsewhere:
 - 1. Preparation of a smooth, flat and plumb substrate.
 - 2. Architectural Woodwork, Masonry, Doors & Frames, Hardware, Drywall, Plastering, Ceilings, Wall covering, Painting, Electrical and Plumbing.

1.02 Standards

- A. The **SoftWalls™ GREEN** Acoustical or Tackable System shall have a Fire Hazard Classification of Class 0-25 when tested in accordance with ASTM E-84.

1.03 Qualifications

- A. The installation work of this Section shall be performed by an authorized **SoftWalls™** Dealer with no less than 5 years installation experience.
- B. Submit references for 5 projects of similar scope and size.

1.04 Quality Assurance

- A. The **SoftWalls™** framework shall be miter cut using a chop saw and attached to the substrate using 16 gauge diverging head staples to create an effective anchoring device for the fabric.

- B. The fabric shall be stretched tautly over the substrate and the **SoftWalls™** System framework without the use of an adhesive.

- C. The fabric border shall be inserted completely into the clamping inlet jaws of the **SoftWalls™™ GREEN** System framework creating a clean crisp appearance devoid of raw edges or loose threads.

SUSTAINABLE SPECIFICATION

- D. The fabric shall be installed from the face side, after the **SoftWalls™ GREEN** System framework is securely fastened to the substrate, to insure a perfect horizontal and vertical weave alignment.
- E. The fabric pattern shall be matched and true, certain fabrics cannot be matched.
- F. The fabric shall be removable and replaceable for changeability and to provide access to the surface behind the fabric.
- G. The **SoftWalls™ GREEN** System framework shall NOT "read through" the fabric.
- H. An inner lining shall be installed beneath the face fabric in the event a translucent fabric has been selected for use.
- I. Self-locking (hinged) Snapping systems using glue or double faced tape will not meet this specification.
- J. Extrusions shall accommodate new fabric without demounting the track. Pre-wrapped edges, permanently adhering fabric, will not be accepted.

1.05 Submittals

- A. Submit **SoftWalls™ GREEN** product specifications and such data as may be required to show compliance with the Contract Documents.
- B. Submit in writing to the Owner, through the Architect, **SoftWalls™** Dealer certification.
- C. Submit **SoftWalls™** Installation Dealer's Ten (10) Year Limited Warranty against defects in **SoftWalls™** materials and workmanship.
- D. **SoftWalls™** Installation Dealer shall submit a list of at least 5 projects that are of similar scope and size. List must include description, project name and contact.
- E. Submit certification that all products (track, infill and face material) are sustainable and made from 100% recycled materials.

1.06 Product Handling

- A. Store all materials off the ground and protected from dirt and dust of construction.
- B. Handle materials in a manner that will protect them from damage and soiling.

SUSTAINABLE SPECIFICATION

PART 2 PRODUCTS

2.01 Acoustical or Tackable Systems

- A. The *SoftWalls*[™] **GREEN** System shall consist of a site installed and fabricated, concealed *SoftWalls*[™] **GREEN** System. Contact:

SoftWalls[™], Inc.
7620-D Rickenbacker Dr.
Gaithersburg, MD 20879
P 301-212-9880
F 301-384-9629

www.softwalls.com

- B. The *SoftWalls*[™] **GREEN** System components shall consist of the following:
1. Rigid **post-industrial** vinyl *SoftWalls*[™] **GREEN** System framework with clamping jaws, one piece section: (Select correct thickness below, eliminate others not used).

½", ¾", 1", 2" projection profile – fire retardant
SoftWalls[™] **GREEN** System.
 2. *SoftWalls*[™] **GREEN** System is available* with the following edge profiles.
(Select the correct profile below, eliminate others not used).

SQUARE, BEVEL, RADIUS OR REVEAL
 3. The *SoftWalls*[™] System is available with the following subsurface (core material). (Select the correct subsurface below, eliminate the others not used).
 - a. **ACOUSTICAL:**
 - i. AcoustiCotton®: ½", ¾", 1" or custom thickness semi-rigid subsurface, postindustrial and recyclable cotton/polyester blend.

* Contact *SoftWalls*, Inc. or your local distributor/installer for currently available details.

SUSTAINABLE SPECIFICATION

b. **TACKABLE:**

- i. Homasote N.C.F.R. - ½" post consumer and recyclable wood fiber.

c. **ACOUSTICAL & TACKABLE:**

- i. Combination subsurface (core material). FR part Acoustic and part Tackable.

4. Fabric:

- a. Post Consumer or Post Industrial fabrics, shall be approved by the **SoftWalls™** Installation Dealer as to suitability. The Architect (for the Owner) shall submit the following information concerning the fabric to the **SoftWalls™** Dealer.

Note: See list of fabric companies (in the fabric section of our binder), which manufacture or distribute sustainable fabrics.

- i. Fabric Manufacturer.
- ii. Width of fabric.
- iii. Fabric Contents.
- iv. Style Number.
- v. Pattern Number.
- vi. Color.
- vii. Flame Retardant.
- viii. Sample of fabric (at least 12" x 12") for approval by **SoftWalls™** Installation Dealer.

- b. (Eliminate one of the following two lines).

- i. The fabric is to be supplied by the owner or architect.
- ii. The fabric is to be supplied by the **SoftWalls™** Installation Dealer.

SUSTAINABLE SPECIFICATION

PART 3 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 General Contractor or Architect, in writing, of any unsatisfactory conditions. DO NOT proceed with the work until all unsatisfactory conditions have been corrected in a manner satisfactory to the *SoftWalls*™ Installation Dealer.
- B. DO NOT install *SoftWalls*™ **GREEN** Acoustical or Tackable Stretch Fabric System 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 surfaces are dry.
 4. Flooring and bases are installed and completed.
 5. All adjacent and related work of other trades has been completed including, in part Architectural Woodwork, Masonry, Doors and Frames, Hardware, Gypsum Drywall, Plastering, Wallcovering, Painting, Ceilings and Ceiling grid, Electrical and Plumbing work.
 6. Ambient temperature and humidity are continuously maintained at values indicated for final acceptance of the building or occupancy of the space.

3.02 Installation

- A. Field measure each area that is to receive *SoftWalls*™ **GREEN** Acoustical or Tackable Stretch Fabric System to establish the exact layout as shown on the elevations.
- B. Apply the *SoftWalls*™ **GREEN** System framework as shown on the elevations. Secure the *SoftWalls*™ **GREEN** System framework with a 16 gauge diverging staple with spacing not more than 2" apart. Other fasteners may be used as required for specific substrates.
- C. Install *SoftWalls*™ **GREEN** System framework plumb, straight, flush and in proper alignment.

SUSTAINABLE SPECIFICATION

- D. Install the subsurface material, continuous and flush, to the shoulder of the track.
- E. Cut the fabric from each roll marking and maintaining sequence of drops, matching direction of weave for sequential and uniform installation.
- F. Install the fabric from the face side after the **SoftWalls™ GREEN** System framework is securely fastened to insure perfect horizontal and vertical weave alignment.
- G. The fabric shall be stretched tautly, evenly and smoothly to be free of defects or flaws.
- H. No stapling or gluing of fabric to the core material or track material will be permitted.
- I. Penetrations through the face of the fabric of any kind (i.e. staples, nails, etc.) will NOT be permitted.
- J. The following Systems DO NOT meet the intent of this specification; Pre-wrapped, pre-fabricated, wood framed, hinged or snapping systems using tape or glue adhesive.
- K. **SoftWalls™** Installation shall be completed in a timely manner and **SoftWalls™** Installers shall be courteous and cooperate with other trades.

3.03 Cleaning and Protection

- A. Clean exposed surfaces of **SoftWalls™ GREEN** Acoustical or Tackable panels. Trim and remove all loose threads and excess core material.
- B. Remove surplus **SoftWalls™** materials, trash and debris from the project site. Leave the work area neat and in clean condition.
- C. If conditions require, cover finished panels with protection prior to leaving site.

END OF SECTION