

Sustainable Acoustical Stretch Fabric Wall & Ceiling Systems, Section 9840

Part 1.0 General

A.

Furnish and install SoftWalls Green 1. Wall System as manufactured by SoftWalls and as required by the Contract Documents.

В. Standards:

- The system shall consist of site 1. installed and fabricated, concealed SoftWalls Green System as manufactured by SoftWalls.
- Acoustically absorptive wall treatment system shall have a Fire Hazard Classification of Class 1 or A when tested in accordance with ASTM E-84 or UL 723.
- 1" thick acoustical wall treatment will have a 0.80 NRC rating per ASTM C-423 test requirements.

C. Qualifications:

1. The installation work of this Section shall be performed by an authorized dealer, licensed by SoftWalls.

Submittal: D.

- Submit manufacturer's product 1. specifications and such other data as may be required to show compliance with the Contract Documents.
- Submit in writing to the Owner, through the Architect, for the manufacturer's dealer certification.
- Submit sample of fabric. (at least 12" x 12").
- Submit samples of the stretching system.
- Submit core samples.

E. Warranty:

1. Work shall be warranted by SoftWalls A. & Dealer's five year Limited Warranty against defects in the materials and workmanship.

Part 2.0 **Products**

- A. System Components shall consist of the following:
 - 1. SoftWalls Sustainable Track **System.** Rigid vinyl framework with clamping jaws, one-piece section. Thickness: ½", ¾", 1", 2"

 - Edge Details:
 - a. Bevel, Radius, Square*

* Contact:

SoftWalls, Inc. 301-212-9880 866-440-6702 (outside Metro D.C.) www.softwalls.com

your local Installation Partner for currently available details.

Acoustical Cores B.

Post Industrial - AcoustiCotton® Green Compliant Cotton Core.

C. Fabric

- 1. Post Consumer Fabrics:
 - a. Guilford of Maine Terratex.
 - Maharam Terratex.
 - Designtex Sustainable Initiatives.
- Other Post Consumer Fabrics: As specified by architect/designer.

Part 3.0 **Execution / Installation** (if to be supplied by SoftWalls Installation Partner)

Existing Conditions:

Examine the condition of the substrate and the conditions under which the work of the Section is to be performed. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner satisfactory to the installer. Substrate should be smooth, flat and plumb. Install all Architectural Wood Work, Masonry, Doors and Frames, Hardware, Gypsum Drywall, Plastering, Ceilings, Wall Covering Painting and Electrical Work prior to installation of stretch fabric.

Installation:

- 1. Apply the **SoftWalls** framework in the areas to receive the acoustical wall treatment as shown on the drawings. Secure the frame-work with suitable fastening devices.
- 2. Install the framework plumb and straight.
- Install the core, continuous and flush, to the shoulder of the track.
- 4. Cut the fabric from each roll marking and maintaining sequence drops and matching direction weave.
- The fabric shall be stretched tautly, evenly and smoothly and be free of defects and flaws.
- No stapling or gluing of fabric to cores or channels will be permitted.

C. Cleaning & Protection:

- 1. All panels will be cleaned and any loose threads removed.
- All debris, rubbish and surplus materials will be removed from site.
- If required, fabric panels will be covered with visquine plastic protection.

TYPES OF PROJECTS

Conference/Board Rooms Corridors Open Office Plans Lecture Hall Cinema Ballroom

Library Museum Recording Studio Presentation Theater Worship Center Sports Facilities

Auditoriums Lobbies **Home Theaters** Display Areas A/V Facilities Video Conferencing

For more information, please contact our local Installation Partner.



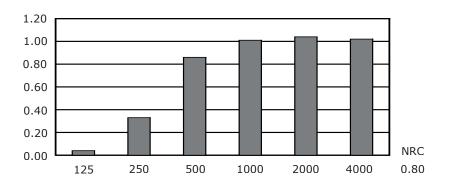
ACOUSTICAL DATA

Sound Absorption testing method: ASTM C423 TEST, Tested with *AcoustiCotton*™

1" SYSTEM ACOUSTICAL TEST RESULTS

Coefficients & Frequencies

125	250	500	1000	2000	4000	NRC
.04	.33	.86	1.01	1.04	1.02	0.80



SoftWalls 1" thick Acoustical System Tested using

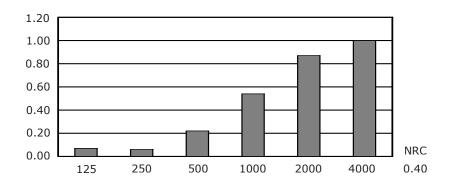
- 1) Guilford of Maine FR701 100% Recycled Polyester.
- 2) AcoustiCotton, 80-85% Post-Industrial Recycled Cotton.
- 3) SoftWalls 1" Plastic Track System.

Type "A" Mounting.

1/2" SYSTEM ACOUSTICAL TEST RESULTS

Coefficients & Frequencies

125	250	500	1000	2000	4000	NRC
.07	.06	.22	.54	.87	1.00	0.40



SoftWalls 1/2" thick Acoustical System Tested using

- 1) Guilford of Maine FR701 100% Recycled Polyester.
- 2) AcoustiCotton, 80-85% Post-Industrial Recycled Cotton.
- 3) SoftWalls 1/2" Plastic Track System.

Type "A" Mounting.

FIRE TEST RESULTS

SoftWalls exceeds the Class A or Class 1 requirements contained in NFPA life safety code #101.

Complete ASTM E84-01 are available upon request.
Test results: Flame Spread Index 12.4.
Smoke Developed Index 41.

For more information, please contact our local Installation Partner.