

SoftWalls™ SHORT FORM SPECIFICATIONS

Sustainable Acoustical Stretch Fabric Wall & Ceiling Systems, Section 9840

Part 1.0 General

A. Scope:

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

B. Standards:

1. The system shall consist of site installed and fabricated, concealed **SoftWalls Green** System as manufactured by **SoftWalls**.
2. 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.
3. 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**.

D. Submittal:

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

E. Warranty:

1. Work shall be warranted by **SoftWalls** & 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.
2. Thickness: 1/2", 3/4", 1", 2"
3. Edge Details:
 - a. Bevel, Radius, Square*

* Contact:

SoftWalls, Inc.
301-212-9880
866-440-6702 (outside Metro D.C.)
www.softwalls.com
or
your local Installation Partner for currently available details.

B. Acoustical Cores

1. Post Industrial - **AcoustiCotton®** Green Compliant Cotton Core.

C. Fabric

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

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

A. Existing Conditions:

1. 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.

B. 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.
3. 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.
5. The fabric shall be stretched tautly, evenly and smoothly and be free of defects and flaws.
6. 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.
2. All debris, rubbish and surplus materials will be removed from site.
3. 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.

SoftWalls Inc. • 301-212-9880 • 877-440-6702 (outside metro D.C.)
info@softwalls.com • www.softwalls.com

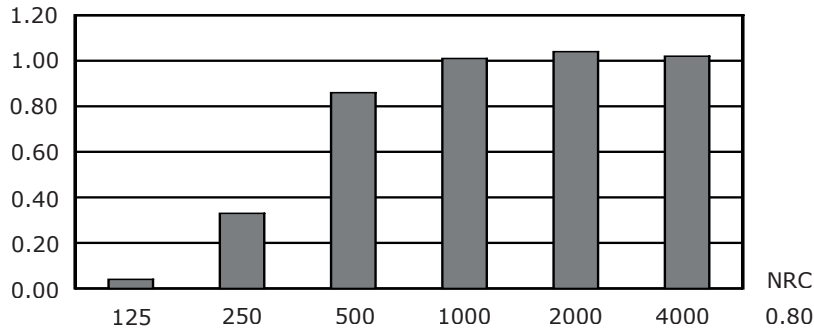
ACOUSTICAL DATA

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

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

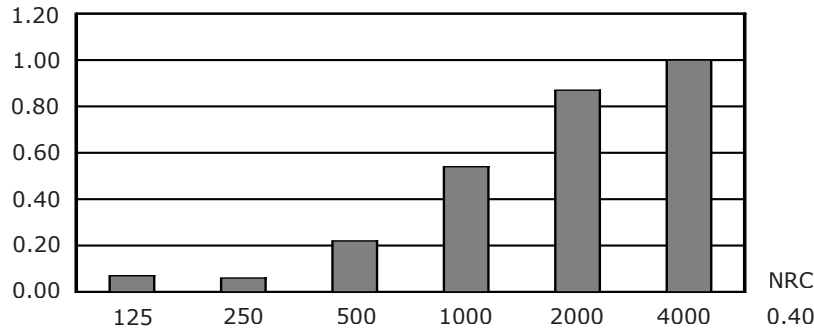


SoftWalls 1" thick Acoustical System
 Tested using
 1) Guilford of Maine FR701 100% Recycled Polyester.
 2) AcustiCotton, 80-85% Post-Industrial Recycled Cotton.
 3) SoftWalls 1" Plastic Track System.
 Type "A" Mounting.

½" SYSTEM ACOUSTICAL TEST RESULTS

Coefficients & Frequencies

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



SoftWalls ½" thick Acoustical System
 Tested using
 1) Guilford of Maine FR701 100% Recycled Polyester.
 2) AcustiCotton, 80-85% Post-Industrial Recycled Cotton.
 3) SoftWalls ½" 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.