

Standard Acoustical Stretch Fabric Wall & Ceiling Systems, Section 09 77 13

Part 1.0 General

A. Scope:

1. Furnish and install SoftWalls Standard Stretch Fabric Wall and Ceiling 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 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.
3. 1" thick acoustical wall treatment will have a 0.75 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 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 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

B. Acoustical Cores

1. Acoustic Board Fiberglass 6 to 7 Pound per cubic foot density rigid fiberglass boards or as specified by the architect.

C. Fabric

1. As specified by the Architect, Designer or Owner

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

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.

*** Contact:**

SoftWalls, Inc.
301-212-9880

or

your local Installation Partner for currently available details.

TYPES OF PROJECTS

Conference Rooms

Board Rooms

Corridors

Open Office Plans

Lecture Halls

Cinemas

Ballrooms

Libraries

Museums

Recording Studios

Presentation Theaters

Worship Centers

Sports Facilities

Auditoriums

Lobbies

Home Theaters

Display Areas

A/V Facilities

Video Conferencing

Hospitals

Exhibitions

Schools

Reception areas

Broadcasting studios

Theatres

Concert halls

Bars

Nightclubs

Airports

Restaurants

Health clubs

Gymnasiums

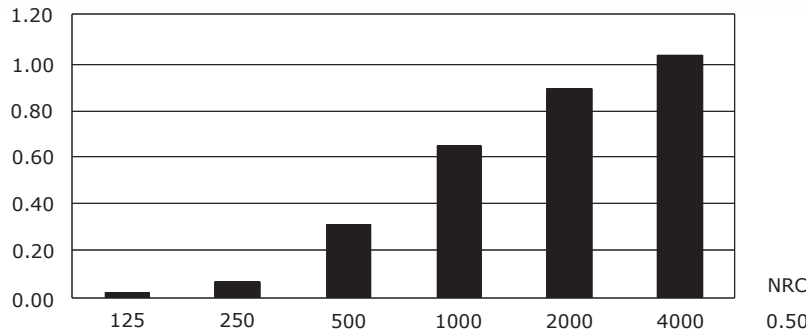
ACOUSTICAL DATA

Sound Absorption testing method: ASTM C423-09a TEST, Tested with Acoustic Board Fiberglass

½” SYSTEM ACOUSTICAL TEST RESULTS

Coefficients & Frequencies

125	250	500	1000	2000	4000	NRC
0.01	0.11	0.31	0.66	0.91	1.00	0.50



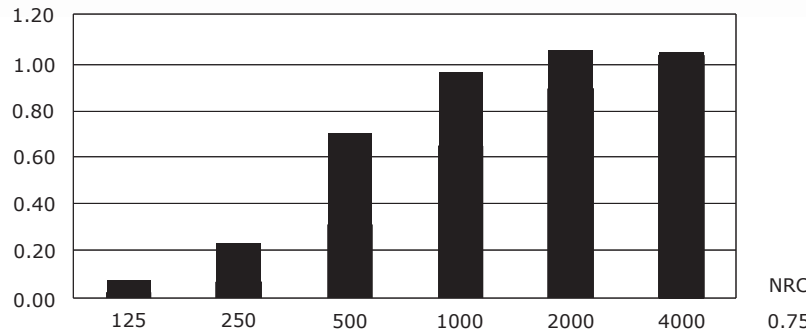
SoftWalls™

- 1) Guilford of Maine FR701 100% Recycled Polyester.
- 2) Acoustic Board fiberglass.
- 3) SoftWalls ½” Plastic Track System.
- 4) Type “A” Mounting.

1” SYSTEM ACOUSTICAL TEST RESULTS

Coefficients & Frequencies

125	250	500	1000	2000	4000	NRC
0.06	0.23	0.69	0.97	1.05	1.04	0.75



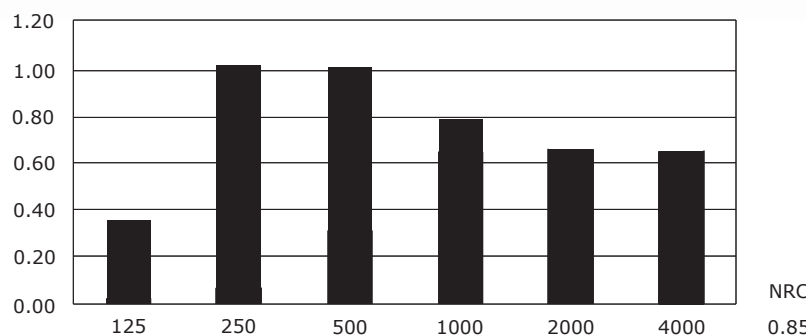
SoftWalls™

- 1) Guilford of Maine FR701 100% Recycled Polyester.
- 2) Acoustic Board fiberglass.
- 3) SoftWalls 1” Plastic Track System.
- 4) Type “A” Mounting.

2” SYSTEM ACOUSTICAL TEST RESULTS

Coefficients & Frequencies

125	250	500	1000	2000	4000	NRC
0.35	1.02	1.02	0.79	0.67	0.64	0.85



SoftWalls™

- 1) Carnegie Xorel “Dash”
- 2) Acoustic Board fiberglass.
- 3) SoftWalls 2” Plastic Track System.
- 4) Type “A” Mounting.