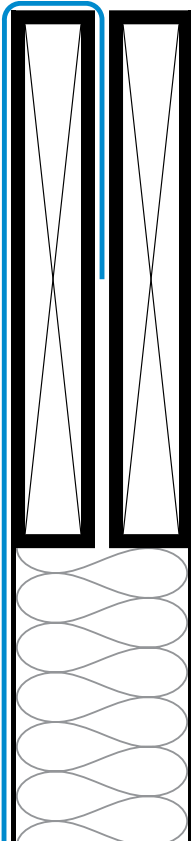


Classic StretchWall



Classic StretchWall High-tension, site-built, fabric-mounting system

Thickness 1/2", 3/4", 1", 1-1/2", 2", and 1/8" increments.

Edge Conditions Square, radius, beveled, etc.

Components ASTM and non-FR wood.

Fire Rating FR E-84 Tunnel Test Results: (all components tested fully exposed to the burn of the tunnel)
Flame spread 0*
Smoke development 15*
(Also available in non-FR components.)

Infills Fiberglass (acoustical).
Mineral-core board (tackable, tackable/acoustical).
Plywood (nailable).

Installation Site built.

Fabric Application High tension, stretched, basted, and upholstered.

**Results will depending on face fabric*

Classic StretchWall Technical Narrative

Technical Information

This information presents technical data that will assist you in selecting the Classic system; Specification Section 09841 follows this section.

Description

Fabrics stretched to elements for walls and ceilings are manufactured, furnished and installed as FR or non-FR fabric-wrapped acoustical panels. Non-FR panels are fabricated of MDF (44 lb / 20kg) or as a solid untreated hardwood frame, mechanically fastened or assembled with hardwood dowels and glued joints, in custom sizes and shapes. "R" (radius) panels are machined with 1/8 in. radius edges on any or all four sides. The core is either fiberglass or tackable mineral board, secured by non-FR acoustically transparent backing.

FR Test Specimen

Classic StretchWall and stretched panels have been tested as an assembly utilizing complete sections of building-standard Sheetrock and stretched panels with Guilford FR polyester fabrics:

ASTM E84 (81 a) StretchWall / stretched panels
Flame-spread value 0 (StretchWall) / 25 (stretched panels)
Smoke development 15 (StretchWall) / 40 (stretched panels)

Flame spread and smoke development values vary with different fabrics, frame, and infills. If a non-FR infill component or a fabric is specified, the assembly rating will change accordingly. Fabric selection affects flame-spread and smoke-development performance.

Acoustical Rating Data for Classic StretchWall

			1/2"	1"	2"	
NRC 125 Hz	1/2"	0.55	125 Hz	0.11	0.00	0.53
NRC 125 Hz	1"	.085	250 Hz	0.21	0.44	0.78
NRC 125 Hz	2"	1.00	500 Hz	0.57	0.91	1.20
			1000 Hz	0.69	1.01	1.09
			2000 Hz	0.72	1.07	1.01
			4000 Hz	0.82	0.91	1.04

2-in. Classic system has achieved an NIC "A" rating of 27' for an integrated acoustical divider. (Performance varies with the fabric and fiberglass densities and thicknesses.)

Two-year Warranty

Classic stretched panels will remain dimensionally stable and not sag or distort due to normal variances of temperature and/or humidity for two years from the date of substantial completion, provided that mechanical systems remain in working order. Warranties are in effect after sufficient time has been allowed during installations for on-site fabric curing. Fabrics shall be installed plumb and true with the grain, patterns and seams level. (Full warranty details are available up request.)