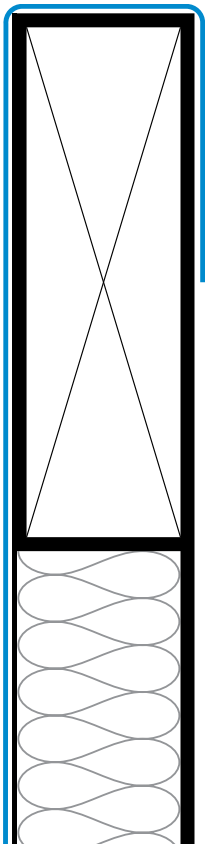
HIGH TENSION PREFAB



HTP FR Panels	Architectural-grade, prefabricated, wood-framed panels
Thickness	1/2", 3/4" 1", and as specified.
Edge Conditions	Square, radius, and beveled
Components	FR Hardwood
Fire Rating	ATSM E-84 Tunnel Test Results: (all components tested fully exposed to the burn of the tunnel) Flame spread 0* Smoke development 40*
Infills	Fiberglass (acoustical) Mineral-core board (tackable, tackable/acoustical) Plywood (nailable)
Installation	Z clips, Velcro, magnets, direct mounting
Fabric Application	Stretched, basted, and upholstered

**Results will depending on face fabric*

STRETCHWALL

HIGH TENSION PREFAB

Technical Information

This information presents technical data that will assist you in selecting the HTP Series system; Specification Section 09771 follows this section.

Description

The Architectural-grade, wood-frame HTP Series is comprised of panels that include ½", 1", 1-1/4" (or custom) thicknesses, a variety of edge conditions, including square, radius and beveled; this applies to FR wood frames as well. Infill choices include fiberglass (acoustical), mineral core board (tackable/acoustical) and plywood (tackable).

The panels can be installed with "Z" clips, Velcro, concealed, or can be direct mounted. You can select nearly any fabric, including stretched, basted or upholstered installations.

FR Test Specimen

Tests have been conducted by U.S. Testing Co., Inc., with Guilford sound-transparent panel fabric (independent test report is available upon request).

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.

ASTM E84, Class A:
Flame spread 0
Smoke development value 40

Acoustical Rating Data for HTP Series

Test results for sound absorption (sabins) with a 1 in. panel-GSA-PBS flanking test C-2 (+/- results:

125 Hz	3.5
250 Hz	1.5
500 Hz	2.5
1000 Hz	2.2
2000 Hz	2.7
4000 Hz	2.7

Coefficient (sabins/sq.ft.):	
125 Hz	0.5
250 Hz	0.02
500 Hz	0.03
1000 Hz	0.03
2000 Hz	0.06
4000 Hz	0.04

NRC (noise reduction coefficient) 0.80

(Tests performed by Cedar Knolls Acoustical Laboratories, with Guilford or Vinylweave fabric; independent test reports available upon request.)

Two-year Warranty

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

STRETCHWALL