



Application

Eurospan Acoustical Wall System provides outstanding acoustical benefits from virtually any wall application with the traditional look of fabric covered panels. It can also provide a seamless solution if desired; achieving a different design aesthetic. The system is designed to dampen interior noise and add acoustical benefits to any space. Commonly used in commercial interiors, education, health care, and government institutions.

Uses

Architects and designers can design effective acoustic benefits into any space without compromising their creativity. Excellent sound absorption is achieved by reducing the amount of hard surfaces to reduce noise distractions, enhance privacy, and create a less stressful, more productive environment.

Construction

Eurospan Acoustical Wall System is comprised of three basic components: An acoustical core center, perimeter and mid-seam tensioning track with patent pending retaining system that secures the designers chosen textile finish. The tension tracks are installed to the desired lay-out. The acoustically transparent textile is then stretched into place. This system uses high performance acoustical cores, from traditional to the highest standard of ECO tack-able.

Eurospan textile: With our exclusive Eurospan textiles large surfaces can be finished in one continuous piece up to 16ft wide by 50ft in length without any seams. Custom color match and HD graphic printing is offered for perfect fit and creative design possibilities.

Size availability

Eurospan Acoustical Wall system standard thicknesses is available in these nominal sizes; ½", 1", 1 ½" or 2". A thicker system is achieved by furring up the standard components to the required depth to meet certain acoustical absorption specification.

Seam & edge detail

The system edge details for the perimeter or seams are as follows: square, radius, bevel, reveal, and finished edge.

Finish

The product finish choices are available in several textiles including fabrics from Guilford, Maharam, Knoll, Carnegie, Designtex, Eurospan® and more.

Noise reduction coefficient (ASTM C423)

Thickness	"Type A Mounting"
* ½"	.55
* 1"	.80
* 1 ½"	1.0
* 2"	1.0

*estimated

Physical property data

Surface Burning, Core (ASTM E 84)* Standard Components meet 25/50 Class A rating Corner Wall (NFPA 265 or UBC 8-2) Pass.

Recycled content

Eurospan Stretch Wall System panels can utilize a variety of Conwed acoustical cores; some that are eligible to bear the Green Cross label for recycled content. Some cores are certified on average to contain at least 57% recycled content and are certified Greenguard Gold for low VOC.

For LEED® projects, our acoustical panels can help you qualify for recycled content points under the Materials and Resources section. Other LEED® categories may also apply depending upon the project requirements.



Warranty

10 Year Limited Warranty against manufacturing defects. See product warranty for details and limitations.

*The ASTM E84 standard should be used to measure and describe the properties of materials, products, or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

PART 1 – General

- 1.1** Work in this section shall be subject to drawings, general conditions, schedules, addenda and other contract documents.
- 1.2** The extent of the system is shown on the drawings and in the schedules.
- 1.3** Submit _____ samples of each type of system as shown on the drawings and in schedules and include appropriate technical information including test data and maintenance instructions. Submit _____ fabric selector cards from manufacturer's standard or custom finishes.
- 1.4** Components shall be installed according to manufacturer's recommendations and instructions.
- 1.5** Installation of components shall not begin until all wet work (plastering, concrete, etc.) is completed and dry. The panels are designed for installation under standard occupancy conditions from 60°F to 85°F and not more than 80% relative humidity (RH) in an enclosed building.
- 1.6** The contractor shall be responsible for the examination and acceptance of all surfaces and conditions prior to the system installation, and will furnish all necessary hardware and accessories for the complete job installation.
- 1.7** Substitutions or changes will only be permitted by prior approval by the architect.

PART 2 – Materials

- 2.1** Eurospan Acoustical Wall System shall have a 5-year manufacturer's warranty.
- 2.2** Acoustical core shall be constructed of dimensionally stable rigid fiberglass of 6-7 pcf density with option double layer impact resistant/tack-able scrim face sheet. Thickness (choose one) ½", 1", 1 ½", 2" or custom _____ (specify).
- 2.3** Product finish shall be _____ (specify finish manufacturer, pattern, color and specifier).
- 2.4** Mounting shall be square, bevel, radius (choose one) perimeter track and square, bevel, radius (choose one) mid joint track.
- 2.5** Acoustical Performance – In accordance with ASTM C 423 (Type A Mounting) components shall have a minimum NRC of: .55 (½" thick), .80 (1" thick), and 1.0 (1 ½" and 2" thicknesses).
- 2.6** Flammability – All system components shall meet a 25/50 Class A rating in accordance with ASTM E84*.

PART 3 – Execution

- 3.1** Manufacturer's Instructions – Comply with the instructions and recommendations of the Eurospan Acoustical Wall System manufacturer.
- 3.2** Examination – Verify that site conditions are acceptable for installation of the Eurospan Acoustical Wall System. Do not proceed with installation of the Eurospan Acoustical Wall System until unacceptable conditions are corrected.
- 3.3** Installation – Review shop drawings and determine location of hardware. Identify components and verify quantities. Install Eurospan Acoustical Wall System in accordance with manufacturers guidelines.
- 3.4** Demonstration – Demonstrate proper use, function and maintenance of Eurospan Acoustical Ceiling System components to Owner's personnel.
- 3.5** Protection – Protect installed work from damage due to subsequent construction activity on the site.

**Thank you for choosing Conwed
for your acoustical needs.**

The information provided above is correct to the best of our knowledge at time of printing. We reserve the right to make changes without prior notification.

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