



Eurospan® Acoustic Wall System

Eurospan® Acoustical Wall System provides outstanding acoustic benefits from virtually any wall application without the traditional look of fabric covered panels. The system is designed to dampen interior noise and add acoustic benefits to any commercial, educational or institutional application where a seamless aesthetic is desired.

Project architect responsibility

This is a general specification guide, intended to be used by experienced construction professionals, in conjunction with good construction practice and professional judgment. This guide is to aid in the creation of a complete building specification that is to be fully reviewed and edited by the architect of record (specifier). Sections of this guide should be included, edited, or omitted based on the requirements of a specific project. It is the responsibility of both the specifier and the purchaser to determine if a product or system is suitable for its intended use. Neither Conwed, nor any of its subsidiary or affiliated companies, assume any responsibility for the content of this specification guide relative to actual projects and specifically disclaim any and all liability for any errors or omissions in design, detail, structural capability, attachment details, shop drawings or other construction related details, whether based upon the information provided by Conwed or otherwise.

SECTION 098414 – Acoustic Stretched-Fabric Wall Systems

PART 1 - General

1.1 — SUMMARY

A. Section includes:
Acoustic stretched-fabric wall systems.

1.2 — SUBMITTALS

A. Product data:
Submit manufacturer's product data including certified laboratory test reports and other data required to show compliance with these specifications.

B. Samples:
Submit 9 x 11 inch samples of representative panel with factory detailed edge, and representative samples of mounting devices.

1.3 — QUALITY ASSURANCE

A. Pre-installation conference:
Conduct conference at Project site to comply with requirements in Division 01.

1.4 — DELIVERY, STORAGE, AND HANDLING

A. Project conditions:
Protect system components from excessive moisture in shipment, storage, and handling. Deliver in unopened bundles and store in a dry place with adequate air circulation. Do not deliver material to building until wet conditions such as concrete, plaster, paint, and adhesives have been completed and cured to a condition of equilibrium.

1.5 — LIMITED WARRANTY

A. Limited warranty:
Provide manufacturer's standard limited 10-year warranty against manufacturing defects in material or workmanship.

PART 2 - Products

2.1 — SOUND ABSORPTIVE STRETCH FABRIC SYSTEM:

A. Basis-of-Design: Conwed Eurospan® Acoustic Wall System.

1. **Construction:** Comprised of three basic components: a fiberglass acoustic core, perimeter tension track, and outer textile covering.
2. **Fiberglass Density:** Standard 6-7 pcf or custom.
3. **Core thickness:** Standard ½, 1, and 2 inches and custom.
4. **Width:** Max of 16 feet and custom.
5. **Length:** Custom.
6. **Corners:** Square.
7. **Edge profile:** Square.
8. **Edge profile:** Bevel.
9. **Edge profile:** Radius.
10. **Fabric finish:** Wall panel textiles from a variety of textile manufacturers. See Conwed.com for more information.
11. **Mounting type:** Square, bevel, or radius perimeter track and square, bevel, or radius mid joint track.
12. **Flammability (ASTM E 84):** System shall have a Class "A" rating per ASTM E 84.
13. **Acoustical performance:** Values below are for panels mounted in accordance with ASTM C 423 (Type A Mounting) and vary by panel thickness and finish.
 - a. **Noise reduction coefficient (NRC)** for ½ inch thickness: 0.55.
 - b. **Noise reduction coefficient (NRC)** for 1 inch thickness: 0.90.
 - c. **Noise reduction coefficient (NRC)** for 2 inch thickness: 1.0.

PART 3 - Execution

3.1 — INSTALLATION:

A. Verify wet work such as plastering and concrete is complete and dry. Verify building is enclosed and under standard occupancy conditions (60 - 85°F and not more than 70% relative humidity) prior to start of installation. Commencement of installation constitutes Installer's acceptance of surfaces and conditions.

B. Install products in accordance with manufacturer's written instructions and in proper relationship with adjacent construction.

C. Touch-up, repair or replace damaged units until satisfactory results are obtained.

– End of Section –