



Application

EOS Eurospan Ceiling System provides outstanding acoustical benefit from virtually any ceiling application without the traditional look of fabric covered panels. The system is designed to dampen interior noise and add acoustical benefits to any commercial, education, or healthcare institutional application where a seamless and cleanable aesthetic is desired.

Construction

Eurospan EOS Ceiling System is comprised of three basic components: a glass fiber acoustical core, perimeter tension track and outer washable textile covering. This seamless product uses a high-performance integrated glass fiber core with a white matt covering. Tension tracks arranged around the perimeter hold an acoustically transparent coated textile which can be stretched over areas 16' wide by considerable lengths without seams.

Architects can design effective acoustic benefits into any space without compromising their creativity. Excellent sound absorption is achieved by reducing the amount of hard surfaces while still keeping the monolithic appearance of drywall or plaster surfaces. This durable coated textile can be cleaned easily and is suitable for healthcare applications. It can be used on flat, domed or coffered ceilings or to create custom floating clouds

Size availability

Panels are available in 1" to 2" thicknesses. Other thicknesses are available.

Seam & ceiling system

Eurospan EOS has a monolithic surface which merges unobtrusively with the room's interior design. Spaces of 16' x 40' or more can be covered seamlessly.

Larger areas can be seamed almost invisibly or installed with reveals to highlight the edges. Custom edge detailing is possible.

Finish

The product is available in standard white or custom special order colors.

Noise reduction coefficient (ASTM C423)

Thickness	"Type A Mounting"
1"	.80
Thickness	E400 Mounting Rating
1"	.85

Physical property data

Surface Burning, Core (ASTM E 84)*
Components meet 25/50 Class A rating

Light reflectiveness

White Textile .80-.85

Recycled content

EOS Eurospan Ceiling System can utilize a variety of Conwed Designscape 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 E 84 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 EOS Ceiling System shall include the EOS textile with a light polyurethane coating that can be cleaned with water or solvent based cleaners.
- 2.2** Acoustical core shall be constructed of a composite core construction of 1" thick, medium density glass fiber core with 12 mil thick face sheet of white/translucent glass mat thermally bonded to the base core finish surface. Other glass fiber cores of ½", ¾", 1", 1 ½", 2", 3", and 4" thickness; with various densities are available to meet specific acoustical requirements.
- 2.3** Product finish shall be standard white (or specify custom color).
- 2.4** Mounting shall be square perimeter track and square fine line or reveal mid joint track.
- 2.5** Acoustical Performance – In accordance with ASTM C423 (Type A Mounting) components shall have a minimum NRC .80 with (1 ½" system) and NRC .95 with (2 ½" system)

In accordance with ASTM C423 (Type E 400 Mounting) components shall have a minimum NRC 1.00 (1 ½" system)

- 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 EOS Ceiling System manufacturer.
- 3.2** Examination – Verify that site conditions are acceptable for installation of the Eurospan EOS Ceiling System. Do not proceed with installation of the Eurospan EOS Ceiling System until unacceptable conditions are corrected.
- 3.3** Installation – Review shop drawings and determine location of hardware. Identify components and verify quantities. Install Eurospan EOS Ceiling System in accordance with manufacturers guidelines.
- 3.4** Demonstration – Demonstrate proper use, function and maintenance of Eurospan EOS 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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