



ACOUSTICAL | SURFACES, INC.

Envirocoustic™ Wood Wool

Cementitious Wood Fiber Acoustic Ceiling and Wall Panels

What is Wood Wool?

Wood Wool is now a leader in the eco-friendly, high-performance, cost-effective acoustical-panel products category. Envirocoustic™ Wood Wool performs well by absorbing sound; ecologically, it is simple to produce; and panels are available in many size and color variations that can be designed to fit nearly any décor.

Wood Wool is made from log-cut wood shavings and is also used for packaging, cooling, and erosion control. The wood shavings, when mixed with cement under pressure, creates an excellent acoustical solution: a wood fiber and cement composite that reduces echo and reverberation while transforming the appearance of a space.

Envirocoustic™ Wood Wool panels can be cut into many shapes and sizes. These eco-friendly panels are both stylish and functional; not only can they liven up a room with an endless variety of designs, but they can also reduce noise levels through sound absorption. Wood Wool panels improve the atmospheric and acoustical aesthetics of any space.



Features & Benefits

- High-quality Wood Wool panels:
 - Durable
 - Consistent finish & color
 - Consistent thickness (+/- .005") & dimensions
 - Clean corners
 - Square panels
 - Less dust than competition
- Class A fire-rated
- Low VOC
- Manufactured from 3 simple ingredients
 - Wood fiber, cement, and water
- Effective sound absorber
- Cost-effective – lower cost than other solutions
- Versatile – ceiling or wall mount as a surface finish
- Paintable – with a wide range of SonoKote™ colors





Applications

- Schools and civic centers (gymnasiums, classrooms, auditoriums, music practice and band rooms)
- Restaurants and bars
- Sports and entertainment venues
- Convention centers
- Houses of worship
- Shooting ranges
- Manufacturing and industrial facilities
- Parking garages
- Airports
- Many more applications also possible

Sizes

- 1" Thick Wall & Ceiling Direct-Attach
Panel Sizes – Square or Beveled Edge
 - 23.75" x 23.75"
 - 23.75" x 47.75"
 - 23.75" x 95.5"
- 1" Thick Drop-In Ceiling Tile Sizes –
Square or Tegular Edge
 - 23.75" x 23.75"
 - 23.75" x 47.75"
- 1" Thick Hexagonal – Deep-Beveled Edge
 - 20" side-to-side (six-sided) dimension

Panel installation

- Directly attach to wall
- Directly attach to ceiling
- Drop-in ceiling tiles
- Directly attach to furring strips/hat channel/
drywall T-Grid

Flammability

- Class A

Colors

- Natural
- White
- SonoKote custom colors



Benefits of Envirocoustic™ Wood Wool Panels

Superior Acoustics

Envirocoustic™ Wood Wool panels are made from naturally-sourced and managed trees. The process of mixing wood strands with cement creates spaces and openings in the material that make Wood Wool an acoustical absorber. Wood Wool panels are versatile in their design; they can be directly attached to a ceiling or wall as a surface finish. Wherever the panels are applied, they are effective at absorbing sounds and thereby mitigating noise pollution.

Fire Resistance

The bond of Wood Wool and cement significantly enhances the wood strands' resistance to expansion, rotting, water absorption, and fire. The result is a material that's difficult to ignite and extremely durable for non-structural applications.

Eco-Friendly Production

The manufacture of these panels is environmentally friendly and sustainable because it uses much less wood than a conventional wood panel, all the materials are naturally sourced, and they do not require any chemicals or organic binders to create the composite.

The simple mixture process for Wood Wool, water, and cement takes advantage of a low energy input requirement to create minimal pollution, and has a low resource impact because all the raw materials are recyclable.

It is important to note that harvesting wood for wood-cement composites does not lead to deforestation. As part of the production process, the wood is sourced from plantations or well-managed forests that are committed to continuous replanting.

Style

Wood-composite panels can add vibrancy to any space. Available in a broad range of textures, colors, shapes, and sizes, the panels can be mixed and matched for a unique look while enhancing any environment with their acoustical properties.



Importance of Functionality for Your Space

The blend of function and aesthetics makes Envirocoustic™ Wood Wool the perfect acoustical solution for places where style matters. Gymsnasiums, restaurants, and public spaces, for example, benefit greatly from construction materials that soften noise while accentuating the overall design aesthetic of the space.

The diversity of the size, shape, texture, and color of the panels creates endless design opportunities for any space. These neutral panels can blend into restaurant ceilings to lessen the noise intrusion of a busy evening, while brightly hued panels add a burst of energy to the walls of a modern hotel lobby. Wood Wool panels offer the design flexibility to reinvent any room acoustically and aesthetically.



Why Acoustical Surfaces?

Acoustical Surfaces, Inc. (ASI) is the industry leader in acoustics, vibration, soundproofing, and noise control. With over 35 years of experience, we are proud to offer a broad range of innovative acoustical solutions, including our new Envirocoustic Wood Wool panels.

Our extensive portfolio includes work in indoor and outdoor commercial, industrial, educational, religious, and residential settings, among many others. At ASI, no job is too big or too small. Let us help you with your next project.

[Contact Acoustical Surfaces](#), Inc. today to tell us about your noise problem.

Acoustical Surfaces, Inc.

123 Columbia Court North
Suite 201
Chaska, Minnesota 55318

Telephone: (952)-448-5300
Noise Control Help Line: 1-800-854-2948



sales@acousticalsurfaces.com
www.acousticalsurfaces.com

