

PRODUCT DESCRIPTION

Solve your echo and reverberation issues with an Acoustics America Acoustic Ceiling Baffle. These fabric-wrapped, sound absorbing vertical baffles are available in a wide array of colors, sizes and thicknesses, and give you the freedom to absorb excess ambient noise according to your design and aesthetic needs. By incorporating ceiling baffles, you can ensure your space not only looks appealing but also sounds much better.

PRODUCT FEATURES

Maximum performance: Our ceiling baffles are available in a 1" or 2" thick high-density (6 PCF) fiberglass core. The core is wrapped in acoustically transparent fabric to ensure optimal sound performance. The fiberglass core offers excellent absorption for your most demanding treatment applications.

More colors: We offer our ceiling baffles in a wide range of colors from our Acoustics America fabric line—A vibrant spectrum of colors inspired by American landscapes.

More sizes: Acoustic ceiling baffles are available in 6 sizes.

Multiple thicknesses: Our panels are available in two thicknesses for your unique treatment needs:

- 1" inch fabric-wrapped ceiling baffles are ideal for residential and light commercial applications.
- 2" thick acoustic baffles are optimal for heavy commercial spaces such as large gathering areas, music venues, restaurants and open office perimeters.
- A 2-inch thick baffle core will also help you achieve maximum absorption per square foot of space.

Mounting option: Each acoustic ceiling baffle includes 2 corkscrews. Suspend from your ceiling using our adjustable ceiling cloud hanging wire (sold separately). **Ceiling-side attachment hardware is not included.**

Safety and peace of mind: These panels are Class A fire rated (the highest rating possible) for use in indoor applications.

Proudly manufactured in the USA.

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SOUND ABSORPTION AT VARIOUS FREQUENCIES

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Fiberglass 1" (.85 NRC)	0.14	0.27	0.80	1.11	1.14	1.14
Fiberglass 2" (1.15 NRC)	0.22	0.81	1.24	1.30	1.21	1.16

FIBERGLASS CORE: TECHNICAL INFORMATION AND SPECIFICATIONS

Core	Acoustically Rated Fiberglass
Core Density	6 pounds per cubic foot (6 PCF)
Design	Frameless
Flammability Rating	Class A
Manufacturing Tolerance	+/- 1/4" from centerline
Architectural Product Reference	Sound absorbing ceiling unit
Fabric Material	Polyester Blend

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ACOUSTICAL BAFFLES - DATA SHEET

SCALE: N.T.S.

04

Outdoor
Stain & Odor Eliminator

Bio-Enzymatic

Family-owned
and operated.

Made in the
US.



Concentrated

Outdoor
Odor
Eliminator

BEFORE USE: Shake bottle vigorously. Remove pets and children from area before use. Remove solid waste. For best results, do not apply in direct sunlight as sunlit areas dry faster. The longer the treated areas stay damp, the more effective it will be.

Directions for EcoStrong Multi-Use Spray:

Pour undiluted Outdoor Odor Eliminator into the product sprayer's reservoir. Set dilution to the letter "D" (15:1) and follow directions included with sprayer. Do not pre-dilute Outdoor Odor Eliminator.

Directions for Pump Type & Manual Sprayers:

Use a 15:1 ratio of water to dilute Outdoor Odor Eliminator (1 gallon to 8oz).

Application Directions:

Step 1: Thoroughly saturate the affected area with diluted product, (product valve on & water valve on).

Step 2: Let dry before letting pets and children back into area.

For Best Results:

After first application, lightly over spray the area with water before it is dry. The longer the surfaces stay wet, the better. For strong odors repeat as necessary.

TO LEARN MORE

100% CUSTOMER SATISFACTION GUARANTEE : PROVEN & POWERFUL

*Safe For Pets, People & Planet

Remove Outdoor Odors for Good

USE ON: Odors from urine, stool, vomit, skunks, garbage and more.

APPLY TO: Lawn, turf, patios, decks, concrete, stone and kennels.

LAWNS & TURF CONCRETE & STONE KENNELS & MORE

HOW IT WORKS:

1 Enzymes break up smelly waste 2 Natural bacteria consumes smelly waste 3 Bacteria converts waste to water and evaporates

Take back your yard today with EcoStrong.

INGREDIENTS: WATER, ENZYME-PRODUCING BACTERIA, PLANT-BASED SURFACTANTS, PLANT-BASED ODOR COUNTERACTANTS, LEMON EUCALYPTUS FRAGRANCE

WARNING: KEEP OUT OF REACH OF CHILDREN. Do not ingest. Wash hands thoroughly after each use. Keep out of eyes and/or open sores. May cause eye irritation. If irritation occurs, rinse eyes thoroughly with water for several minutes. If irritation persists, seek medical attention.

STORAGE: AVOID REPEATED FREEZING AND THAWING.

SUPPORT:

1-800-577-0877 info@ecostrong.com ECOSTRONG.COM

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MADE IN THE USA

#100C-128

100% CUSTOMER SATISFACTION GUARANTEE : PROVEN & POWERFUL

*Safe For Pets, People & Planet



SCALE: N.T.S.

02

PRODUCT DESCRIPTION

Solve your echo and reverberation issues with an Acoustics America Acoustic Panel. These fabric-wrapped, sound absorbing panels are available in a wide array of colors, sizes and thicknesses, and give you the freedom to absorb excess ambient noise according to your design and aesthetic needs. By mounting these panels on your walls, you can listen to the sounds that matter.

PRODUCT FEATURES

Maximum performance: Our panels are available with two different core options: high-density (6 PCF) fiberglass and polyester. Both cores are wrapped in acoustically-transparent fabric to ensure optimal sound performance. The fiberglass core offers excellent absorption for your most demanding treatment applications. Polyester cores provide a lightweight, durable, and impact-resistant alternative that is ideal for spaces requiring tackability and a soft aesthetic.

More colors: We offer our panels in a wide range of colors from our Acoustics America fabric line—A vibrant spectrum of colors inspired by American landscapes.

Multiple thicknesses: Our panels are available in two thicknesses for your unique treatment needs:

- 1" inch fabric-wrapped acoustic panels are ideal for residential and light commercial applications.
- 2" thick acoustic panels are optimal for heavy commercial spaces such as large gathering areas, music venues, restaurants and open office environments.
- A 2-inch thick panel will also help you achieve maximum absorption per square foot of space.

Multiple mounting options: We offer two different mounting options, tailored to your application.

Simple mounting clips: Suitable for wall-mount applications. Easy to install and included with your order.

Loc-tite Power Grab Adhesive: Is required for installation and screws are not included.

Stofast™ Snap-On anchors: This mounting option is suited for both wall and ceiling direct-mount applications. This option does not require adhesive.

Safety and peace of mind: These panels are Class A fire rated (the highest rating possible) for use in indoor applications.

Proudly manufactured in the USA.

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AcousticsAmerica.com

SOUND ABSORPTION AT VARIOUS FREQUENCIES

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Fiberglass 1" (.85 NRC)	.14	.27	.80	1.11	1.14	1.14
Fiberglass 2" (1.15 NRC)	.22	.81	1.24	1.30	1.21	1.16
Polyester 1" (.75 NRC)	.06	.34	.68	.93	.98	.97

FIBERGLASS CORE: TECHNICAL INFORMATION AND SPECIFICATIONS

Core	Acoustically Rated Fiberglass
Core Density	6 pounds per cubic foot (6 PCF)
Design	Frameless
Flammability Rating	Class A
Manufacturing Tolerance	+/- 1/4" from centerline
Architectural Product Reference	Sound Absorbing Wall Unit
Fabric Material	Polyester Blend

POLYESTER CORE: TECHNICAL INFORMATION AND SPECIFICATIONS

Core	Polyester
Core Density	5 pounds per cubic foot (5 PCF)
Design	Frameless
Flammability Rating	Class A
Manufacturing Tolerance	+/- 1/4" from centerline
Architectural Product Reference	Sound Absorbing Wall Unit
Fabric Material	Polyester Blend

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AcousticsAmerica.com

ACOUSTICAL PANELS - DATA SHEET

SCALE: N.T.S.

03

PC 500 No Mix Open Cell
Spray Foam Insulation
Technical Data Sheet

Product Design

PolyCon 500 No Mix Open Cell Spray Foam Insulation is a Class A rated spray foam that provides applications with high yield, low density cost savings along with reliable and consistent performance with a broad temperature application tolerance. PC 500 is intended for interior envelopes of Type I-V buildings.

Product Use

PolyCon 500 No Mix Open Cell Spray Foam Insulation forms an air barrier in wall cavities and can be used to fill a variety of wall cavity stud thickness in a single pass application. PC 500 adheres tenaciously to most building materials and will provide a seamless barrier against air infiltration for the life of the building.

Recommended Product Applications

- Commercial Interior Walls
- Commercial Exterior Walls
- Attic Floor
- Sound Proofing
- Under Roof Deck
- Residential Interior Walls
- Residential Exterior Walls
- Cathedral Ceilings
- Sealed Crawl Spaces
- Basement Walls

Physical Properties

Properties	Test Method / Requirements	Value
Aged R-Value	ASTM C518	3.9 @ 1"
Core Density	ASTM D1622	0.5 pcf
Open-Cell Content	ASTM D1623	93%
Tensile Strength	ASTM D1623	6.03 lb/in ²
Air Permeance	ASTM D2178	0.019 1/s*in ² @3.5", 75 Pa
Water Vapor Transmission @ 74°F, per inch	ASTM E96	26.76* @ 1" Class III @ 2.7* ***
Dimensional Stability: 28 days at 160°F, 100% RH	ASTM D1216	15% max by volume change

*Climate Zones that require a Class II Vapor Barrier, apply 1.0 gallons / 100 SF (16 Wet Mils) of No Burn® Plus ThB Spray Seal in direct contact of PC 500. This application rate also qualifies as a 15 minute Thermal Barrier.

*** PC 500 has a permeance of less than 10 perms at a minimum thickness of 2.7 inches and qualifies as a Class III vapor retarder.

Material Shelf Life

Six (6) months when stored properly

PolyCon LLC
1755 Transcentral Court, Suite 400
Houston, Texas 77032

PolyCon 500 No Mix Open Cell Spray Foam Insulation can be applied over Spray-applied Fire-resistant Materials (SPFRM) assemblies without affecting their performance or rating. See Jensen Hughes Project Number 1AJP00272.000 Engineering Evaluation.

ASTM Method E84	Class A (Class I)
Flame Spread (FSI)	<25
Smoke Development (SDI)	<450

NFPA 285 - Exterior Wall Assembly Compliance
Successfully evaluated under NFPA 285 for fire propagation performance in exterior wall assemblies with combustible components.

NFPA 286 - 15 minute Thermal Barriers

Product	Max on Walls	Max on Ceiling	Application Rate
Paint to Protect DC 315	10"	14"	14 Wet / 8 DFT
No Burn® Plus ThB	10"	14"	14 Wet / 9 DFT
Flame Control ® 60-60A	10"	14"	14 Wet / 9 DFT

Attics and Crawlspaces - Appendix X

Product	Max on Walls	Max on Ceiling	Application Rate
Paint to Protect DC 315	10"	14"	4 Wet / 3 DFT
No Burn® Plus ThB	10"	14"	6 Wet / 4 DFT
Flame Control ® 60-60A	10"	14"	6 Wet / 4 DFT

Unvented Attic

Credential	Substrate
Appendix U - Bare Foam	Max Wall - 14" Max Ceiling - 14"

Appendix U was unanimously approved and adopted into The International Residential Code for Unvented Attics. Appendix U provides a clear, concise and transparent path for spray applied foam plastic insulation for use in unvented attics without a code-prescribed ignition barrier.

Credentials & Approvals

USE IAPMO UES ER-959

1-855-PC1-FOAM
www.polyconspf.com

PC 500 No Mix Open Cell Spray Foam Insulation
Technical Data Sheet

Recommended Processing Parameters

Mix Chamber	Maximum 02 / 5252
Ambient / Substrate Temp	40 - 120°F / 4 - 49°C
Equipment Dynamic Pressure	1,000 - 1,500 psi
Preheat Temperature	115 - 145°F / 46 - 63°C
Drum Temperature	70 - 90°F / 21 - 32°C
Storage Temperature No Sun Exposure	60 - 90°F / 15 - 32°C

Thermal Barrier

IBC code requires that spray foam be separated from the interior of the building by an approved fifteen (15) minute thermal barrier, such as ½" gypsum wall board or equivalent, installed per manufacturers specifications, meeting local code requirements, or other protective layers tested as a composite configuration and system, that have passed third party audited testing by an approved laboratory. With the exception of applications to Band Joists / Rim Joists / Mullins, up to 3.25" without the application of the code prescribed thermal barrier.

R-Value Chart ASTM C518

Thickness (in)	R-Value Total (R-Value/Inch)
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1
10	39.0
11	42.9
12	46.8
13	50.7
14	54.6
15	58.5
16	62.4

In case of Fire Extinguishing Media

Use dry chemical extinguishers such as mono Ammonium phosphate, potassium sulphate and potassium chloride. Additionally, use carbon dioxide, high expansion chemical foam or water spray for large fires.

Disclaimer

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SCALE: N.T.S.

01

CONSULTANT



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DATE: -----

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DETAILS

SHEET

A-2.2

PROJECT ---
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