

Noise S.T.O.P.[™] Sonowave Acoustic Ceiling Clouds

FEATURES & BENEFITS

- Curved Accent Acoustical Control Products
- Exceptional Acoustical Control Across all Frequencies
- Standard and Custom Wave Designs
- Design Flexibility
- Lightweight and Easy to Install
- Offered in panel, baffle, ceiling cloud and awning options
- Class 1 Fire-rated



Sonowave curved accent products allow you to unleash your creativity while reducing noise and reverberation. Add dimension and acoustical control right where you need it the most with Sonowave ceiling clouds. Ceiling clouds are suspended on ceiling-mounted cables using corkscrew hangers.

Made from Class 1 fire-rated melamine foam, Sonowave products are offered in standard and custom sizes and curve patterns. Sonowave products are lightweight and easy to install. The line also includes acoustic baffles, panels and awnings.

Sonowave products are available in natural white and light grey or can be Hypalon[®]-coated (black, grey, white, almond or charcoal) or painted (charcoal, beige, brown or blue). Custom colors are also available to match school colors or any décor.

APPLICATION

• Classrooms • Cafeterias • Multipurpose rooms • Indoor swimming pools • Offices • Libraries • Religious facilities, and other large open areas.

MATERIAL

Sonowave suspended ceiling clouds, acoustic baffles, panels, and more are made from melamine foam, which is Class 1 fire-rated for flame spread and smoke density. Melamine natural also meets the corner burn test UL 1715. Sonowave is offered in natural white and grey and can be painted or Hypalon[®]-coated.

ADVANTAGES

Create beautiful, easy to install acoustic walls.

SIZES

SONOWAVE WALL PANELS

1. Any dimension up to 48" x 96"
2. Custom panel sizes available
3. Can be joined for long ribbon appearance
4. 1-1/2", 2" and 3" thicknesses

SONOWAVE WALL BAFFLES

1. Any dimension up to 48" x 96"
2. Custom baffle sizes available
3. 2" and 3" thicknesses

SONOWAVE CEILING CLOUDS & AWNINGS

1. Any dimension up to 48" x 96"
2. Custom sizes also available
3. 2-1/2" and custom thicknesses

INSTALLATION

SONOWAVE PANELS

1. Mounts to ceilings or walls using acoustical adhesive

SONOWAVE ACOUSTIC BAFFLES

1. Corkscrew hangers are installed in the field for either wall-to-wall cable installation or ceiling-mounted cable installation
2. Can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees

SONOWAVE SUSPENDED CEILING CLOUD

1. Corkscrew hangers are installed in the field for ceiling mounted cable installation

SONOWAVE AWNING

1. Install track on the wall to support wall side of awning
2. Corkscrew hangers are installed in the field for ceiling mounted cable installation.

Test Reports & Additional Information Can be Found at:

https://www.acousticalsurfaces.com/whisperwave_baffle/whisperwave_baffle.htm



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SPECIFICATIONS

Physical Data

Material	Open-cell melamine based foam
Density	0.5 to 0.7lbs./cubic ft. (ASTM D3574-77)
Long-term service temp	302 degrees F
Fire resistance	Class 1 per ASTM E-84 (all finishes) Meets UL 1715 (willtec natural)
Flame spread per ASTM E-84	Natural: 5, Painted:10, Hypalon* - coated: 25
Smoke density per ASTM E-84	Natural: 50, Painted:10, Hypalon-coated: 65
Microbial growth	Passes UL 181, section 11
Toxicity	Passes University of Pittsburg Toxicity Smoke Emission test
Finishes	Natural White or Grey, Painted or Hypalon-Coated

Sound Absorption – Sonowave Panels

		125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC	Mount Type
Natural (White or Gray)	2"	0.11	0.33	0.85	1.05	1.09	1.06	0.85	B
	3"	0.09	0.68	1.20	1.18	1.12	1.05	1.05	A
Painted (Charcoal Beige, Brown, Blue for Grey)	2"	0.07	0.37	0.89	1.05	1.04	1.03	0.85	B
	3"	0.15	0.72	1.21	1.20	1.15	1.13	1.05	A
Hypalon-coated (Black, Grey, White, Almond)	2"	0.13	0.41	1.02	1.18	1.18	1.13	0.95	B
	3"	0.13	0.85	1.25	1.22	1.13	1.14	1.10	A

Sound Absorption – Whisperwave Baffles

		125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	AVE
Natural (White or Gray)	2"	1.0	5.4	10.8	16.3	18.7	24.0	12.7
Painted (Charcoal Beige, Brown, Blue for Grey)	2"	2.3	6.5	12.7	19.7	21.0	21.0	15.0

Sound Absorption – Whisperwave Ceiling Clouds/Awnings

		125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
Natural (White or Gray)	2.5"	6.4	22.1	44.3	55.9	58.9	60.6	45.3



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