



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problems



NOISE S.T.O.P. WHISPERWAVE™ CEILING CLOUDS

**Offered in Panels, Baffles,
Ceiling Clouds and Awnings**

- *Curved Accent Acoustical Control Products*
- *Exceptional Acoustical Control Across all Frequencies*
- *Standard and Custom Wave Designs*
- *Design Flexibility*
- *Lightweight and Easy to Install*
- *Class 1 Fire-rated*

FEATURES:

Ride the wave with WHISPERWAVE. WHISPERWAVE curved accent products allows you to unleash your creativity while reducing noise and reverberation. Add dimension and acoustical control right where you need it the most with WHISPERWAVE ceiling clouds. Ceiling clouds are suspended on ceiling-mounted cables using corkscrew hangers. Made from Class 1 fire-rated melamine foam, WHISPERWAVE products are offered in standard and custom sizes and curve patterns. WHISPERWAVE products are lightweight and easy to install. The line also includes baffles, panels and awnings.

WHISPERWAVE 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.

WHISPERWAVE Panels, Baffles, Ceiling Clouds and Awnings provide exceptional acoustical control and design flexibility. Lightweight and easy to install.



Continued on next page...



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problem

MATERIAL:

WHISPERWAVE is made from melamine foam, which is Class 1 fire-rated for flame spread and smoke density. Willtec natural also meets the corner burn test UL 1715. WHISPERWAVE is offered in natural white and grey and can be painted or Hypalon®-coated.

FLAMMABILITY:

WHISPERWAVE is made from melamine foam, which is Class 1 fire-rated for flame spread and smoke density. willtec natural also meets the corner burn test UL 1715.

COLOR: 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.*

SIZES:

WHISPERWAVE Wall Panels

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

WHISPERWAVE Baffles

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

WHISPERWAVE Ceiling Clouds and Awnings

- Any dimension up to 48" x 96"
- Custom sizes also available
- 2-1/2" and custom thicknesses
- 5/16" thick (8mm).

APPLICATIONS:

WHISPERWAVE products are ideal for use in • classrooms • cafeterias • multipurpose rooms • indoor swimming pools • offices • libraries • religious facilities and other large open areas.

INSTALLATION:

WHISPERWAVE Panels

- Mounts to ceilings or walls using acoustical adhesive
- WHISPERWAVE Baffles
- Corkscrew hangers are installed in the field for either wall-to-wall cable installation or ceiling-mounted cable installation
- Can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees

WHISPERWAVE Ceiling Cloud

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

WHISPERWAVE Awning

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

Continued on next page...



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problem

SPECIFICATIONS:

Physical Data	
Material	Open-cell Melamine-based foam
Density	0.5 to 0.7 lbs/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 (melamine 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 of Smoke Emission test.
Finishes	Natural White or Grey, Painted or Hypalon-Coated

Sound Absorption - Whisperwave Panels									
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	Mount Type
Natural White or Grey	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 or 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 Grey	2"	1.0	5.4	10.8	16.3	18.7	24.0	12.7
Painted (Charcoal, Beige, Brown, Blue or 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	Sabin
Natural White or Grey	2.5"	6.4	22.1	44.3	55.9	58.9	60.6	45.3

- Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems
- Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction
- Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices
- OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted