

Walter Nichols
Hawthorn Building
Altoona, PA



Appendix F



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



FOAM S.T.O.P. PYRAMID™

Melamine Foam Sound Absorber

- **High Performance Absorber**
- **Increased Absorptive Surface Area**
- **Fiber Free**
- **Class A Fire Retardant**

MATERIAL: Open Cell Melamine Acoustical Foam.

PATTERN: Pyramid for Monolithic Appearance.

FEATURES: Increased Surface Area, High Performance, Light Weight, Dramatic Visual Effect.

APPLICATIONS: Ceilings, Walls, Industrial, Commercial & Home Audio Markets, Broadcasting and Recording Studios.

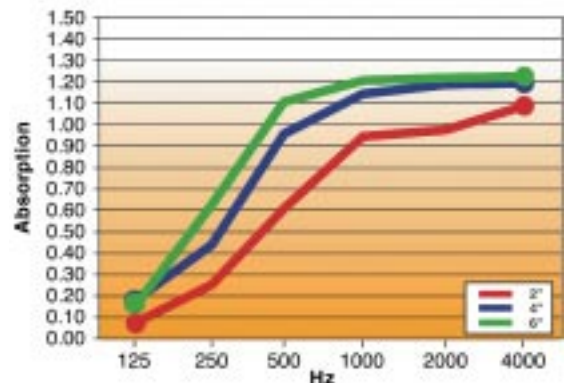
THICKNESS: 2", 3", 4" **SIZES:** 2' x 2', 2' x 4', Custom sizes also available **DENSITY:** 0.7 lbs/cub. ft.

COLOR: Natural White, Latex or Cleanable Dupont Hypalon Paint - Black, Light Grey, Almond, White and custom colors also available.

FLAMMABILITY: ASTM E-84, Class 1. Flame Spread: 5; Smoke Developed: 50.

INSTALLATION: ASI S.T.O.P. Noise Acoustical Adhesive.

FOAM S.T.O.P.: Sound Absorption/Noise Reduction per ASTM C423-90a							
B Mtg	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
2"	0.07	0.25	0.60	0.94	0.97	1.08	0.70
4"	0.18	0.44	0.96	1.14	1.18	1.19	0.95
6"	0.16	0.62	1.10	1.20	1.21	1.22	1.05



TECHNICAL DATA SHEET

SONEX JUNIOR ACOUSTICAL FOAM

[Print Data Sheet](#)

[Sonex Junior Acoustical Foam](#) is the same pattern as our famous Sonex Classic Foam except that the panel size is smaller and the number of panels per box is fewer. The Junior panels are 2' x 2' rather than 2' x 4'. Sonex Junior is offered in two versions, the standard being a Melamine foam (part # SJO2) which is Class 1 Fire Rated and 100% fiber free. This foam is white, however, it has an option for a painted surface in charcoal, beige, brown or blue. The second version is a polyurethane foam (part # SJN2) which is more economical, however, it is not Class 1 Fire Rated. The polyurethane version comes in charcoal, beige or brown.



Painted



Natural Polyurethane



FEATURES

- Class 1 Fire Rated Willtec or Class 3 Fire Rated Polyurethane
- 100% Fiber Free
- Standard Panel Size: 2' x 2'
- Available in 2" thickness
- Color: Charcoal, Beige, Brown, White or painted

PRODUCT DATA

- Density: .7 lbs./cubic foot
- Tensile Strength: 8 PSI
- Flammability for Melamine version: Class 1 per ASTM E-84
- Flame Spread for Melamine version: natural - 5; painted - 10
- Smoke Density for Melamine version: natural - 45, painted - 10

SOUND ABSORPTION DATA (NRC VALUES)

OCTAVE BAND FREQUENCIES (Hz)

Product	125	250	500	1000	2000	4000	NRC
2" thick	.05	.31	.81	1.01	.99	.95	.80

[Acoustical Solutions, Inc](http://www.acousticalsolutions.com)

Ph: 800-782-5742 Fax: 804-346-8808