



CASCADE AUDIO ENGINEERING
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Urethane Acoustic Panels

Category: Acoustic Absorption
Technical Data Sheet

Urethane foams absorb the most sound at a low price point. If the project does not call for Class A nonflammable materials, Urethane foams are a good way to go. Melamine foams offer the same absorption and all Class A nonflammability as well. Cascade Audio Engineering offers foam panels in a variety of styles and colors.



Applications:

- Home Theater / Home Office / Library
- Recording Studio
- Hanging Baffle

Benefits:

- Good Aesthetics
- 5 Colors
- Easy Installation
- Class B

Properties:

Colors.....	5
Size	2' x 2' / 2' x 4'
Thickness.....	1" / 2" / 3" / 4"
Installation.....	Adhesive / Mechanical Fasteners
Flammability.....	Class B

Polyurethane Foam NRC Per ASTM C423-90a							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
2"	0.15	0.17	0.49	0.73	0.66	0.68	0.50
3"	0.44	0.48	1.19	1.12	1.16	1.16	1.00
4"	0.39	0.60	1.21	1.14	1.16	1.13	1.05
6"	–	0.72	1.20	1.18	1.12	–	1.10
8"	–	0.90	1.40	1.25	1.10	–	1.30

CAUTION: Polyurethane foam is flammable and may emit toxic fumes when burned. Do not use near open flame. Check local codes for allowed uses. Manufacturer assumes no liability.