



Acoustic Poly Panels

Category: Acoustic Absorption
Technical Data Sheet

Acoustic Poly Panels from Cascade Audio Engineering are comprised of compressed pellets. Their unique design allows the panel to have both absorption and blocking capabilities. Acoustic Poly Panels are available in 1" and 2" thickness, and are also available with the DBA pattern (Diffusor Blocking Absorber). Acoustic Poly Panels look great by themselves, but can also be covered with any of our fabric types, in over 100 colors.



Applications:

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

Benefits:

- Offers NRC and STC
- Perfect Fit Into Drop Ceiling Grid
- Easy Installation
- Custom Options
- Class A Nonflammable

Properties:

Colors	White, Charcoal
Size	2' X 2' / 2' X 4'
Thickness.....	1" / 2"
Installation.....	Adhesive, Mechanical Fasteners
Flammability.....	ASTM E-84 Class 1-A
Weight.....	1" = .25# sq. ft. / 2" = .5# sq. ft.

Acoustic Poly Panel NRC							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
1"	0.05	0.06	0.21	0.80	0.65	0.75	0.45
2"	0.17	0.81	0.97	0.85	0.89	0.92	0.90

Acoustic Poly Panel STC							
	125Hz	250Hz	500Hz	1KHz	2.5KHz	5KHz	STC
1"	6	5	7	8	10	15	9
2"	9	8	10	10	17	22	13