

Sound Silencer – dBA Panels

Acoustical Wall & Ceiling Panels

(Diffusor, Blocking Absorber)

dBA stands for Diffuser Blocking Absorber. dBA is an innovative sound treatment panel for both home theaters and professional grade commercial studios. No longer will you have to struggle to figure out noise reduction coefficients or calculate the amount of sabins for a given space.

All the guesswork will be eliminated. The new dBA panels offer sound blocking, sound absorption and sound diffusion all in one unit. This will all be accomplished with our new tri-functional wall and ceiling panel. These panels have a unique design that not only provides a wide array of acoustical characteristics, but it is aesthetically pleasing and will give any studio or home theater that polished professional look. As it stands, the new dBA panels will come in white or charcoal only, but as the line expands so will the color choices. Keep in mind these panels can be painted to match any decor. (ask for acoustical painting instructions).



STOP NOISE

ACOUSTICAL | SURFACES, INC.

Celebrating Over 40 Years – SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION SPECIALISTS
952.448.5300 | 800.448.0121 | sales@acousticalsurfaces.com | www.acousticalsurfaces.com

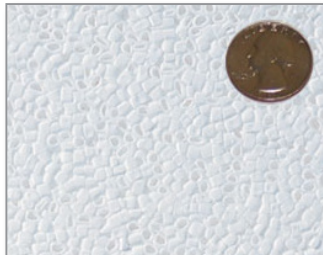
Sound Silencer - dBA Panels - Acoustical Wall & Ceiling Panels (Diffusor, Blocking Absorber)

FEATURES & BENEFITS

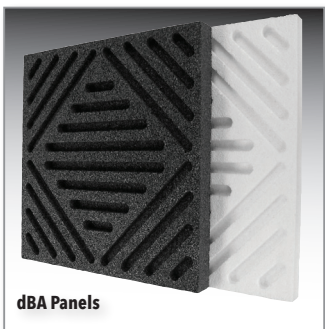
- One installation required. Unlike traditional products which require three separate installations to meet the performance of the dBA sound blocking panel.
- Class A Fire Rated
- No Fiberglass
- Moisture Resistant Indoor
- Non-Fibrous
- Impact Resistant
- Water Resistant
- Non-Abrasive Surface
- Both STC and NRC Ratings and Diffuser
- Tackable Surface
- Bacteria and Fungi Resistant
- Lightweight



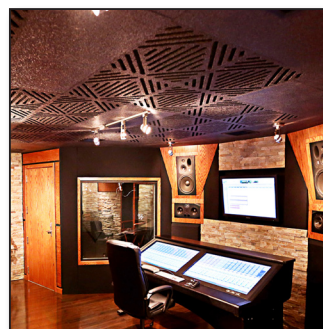
Charcoal Grey



White



dBA Panels



APPLICATIONS

Gymnasiums, auditoriums, classrooms, offices, swimming pools, ice arenas, recording studios, home theaters, commercial sound, pro audio applications, clean rooms, food processing plants, food prep areas, cafeterias, restaurants, manufacturing plants, car washes, rooftop and machine enclosures, dog kennels, locker room or more.

MATERIAL

Semi-rigid, non-abrasive, porous expanded polypropylene (P.E.P.P.). Acoustical bead board.

PATTERN

dBA-1 and dBA-2 custom patterns available for truck load quantities.

SIZES & DIMENSIONS

Standard: Nominal 2' x 2', 2' x 4'.

THICKNESS

1" & 2".

COLORS

White, Charcoal.

FLAMMABILITY

Class A Fire Rated per ASTM E84.

INSTALLATION

Noise S.T.O.P. acoustical adhesive, standard T-bar grid, mechanical fasteners.

dBA™ Panel - Sound Absorption/Noise Reduction (NRC)

Mount	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
1" Ceiling E400	0.38	0.60	0.36	0.47	0.62	0.82	0.50
2" Ceiling E400	0.38	0.59	0.40	0.64	0.97	1.10	0.65

dBA™ Panel - Sound Transmission (STC)

	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
1"	5	3	4	6	7	8	6
2"	7	4	5	7	8	11	7
1" w/5/8"	27	27	29	31	32	45	32

Gypsum both sides

Test Reports & Additional Information Can be Found at:

www.acousticalsurfaces.com/sound_silencer/dBA_panel.htm



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