

# SOUNDBREAK™

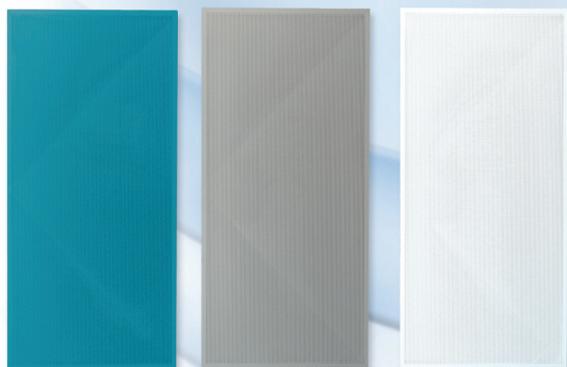
## Acoustical Panels The Advanced Noise Abatement System

Their versatile design allows SounBreak™ to be mounted virtually anywhere you need them; vertically suspended from the ceiling, parallel to walls, or directly on top of kennel or cage divider partitions. There is no contact with research animals.

Designed to be located for easy sanitation and not to interfere with daily standard operating procedures, panels are easy to install and maintain, and just as easy to clean. They'll withstand vacuuming, wet wiping, hosing, and may also be washed at 190 degrees Fahrenheit for 30 minutes in your tunnel washer



Computational Fluid Dynamics (CFD) Analysis of an actual installation of SounBreak™ effects on airflow in a kennel room showed no negative impact on ventilation. In fact, the panels actually aid in improving airflow within the room.



Colors Complementary to Your Facility.

TEST REPORT			
per ASTM C423 Sound Absorption Test			
1/3 Octave Center Frequency (Hz)	Absorption Coefficients	Total Absorption in Sabins	% of Uncertainty with 95% Confidence Limit with Specimen
100	0.86	60.90	3.21
** 125	0.69	48.97	3.13
160	0.66	46.59	2.56
200	0.79	56.08	1.86
** 250	0.80	56.64	1.81
315	0.87	62.12	1.26
400	0.91	64.39	1.61
** 500	0.99	70.56	1.13
630	1.07	75.85	1.02
800	1.02	72.57	0.81
** 1000	0.99	70.38	0.79
1250	0.90	63.65	0.67
1600	0.79	56.01	0.52
** 2000	0.67	47.45	0.61
2500	0.56	39.86	0.48
3150	0.49	34.56	0.50
** 4000	0.44	30.94	0.41
5000	0.40	28.29	0.50

NRC=0.85

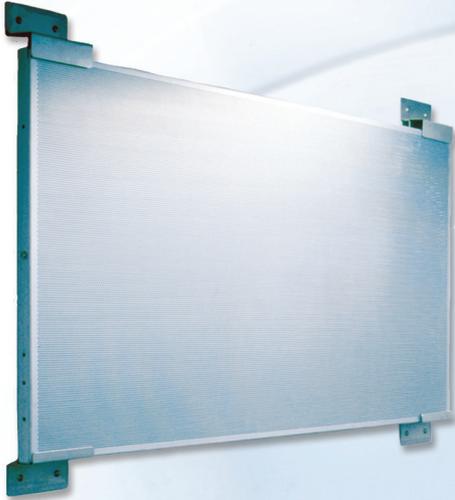
RIVERBANK ACOUSTICAL LABORATORIES  
OF IIT RESEARCH INSTITUTE

Values are based upon testing conducted by Riverbank Acoustical Laboratories, an internationally recognized independent accredited acoustical laboratory.



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## Acoustical Panels



Noise is one of life's most pervasive environmental stressors, adversely affecting health and well being. In research facilities, animal housing rooms with hard surfaced walls, ceilings and floors reverberate with noise. The atmosphere creates hazards for researchers and laboratory workers as communication becomes difficult and on-the-job safety is compromised. The animals suffer as well. In the presence of excessive noise, laboratory animals experience measurable discomfort and distress.

SounBreak™ Acoustical Panels have been specially designed to absorb sound, reduce echo, and withstand the rigors of animal lab facilities. Performance results are amazing. When the appropriate number of panels are used in an installation space, SounBreak™ will reduce reverberant noise by up to 10-decibels.

### Minimize facility noise by installing SounBreak™ Acoustical Panels in your high noise areas:

- Animal Rooms
- Cagewash Facilities
- Hallways
- Procedure Space
- Any high Noise Areas (Indoor/Outdoor)
- Compatible with Standard Drop Ceilings

