

# Model SAB (Sailcloth Acoustic Banner)



Model SAB, Sail Cloth Banner, combines the high performance, internal component of our industrial grade Model QC Quilted Curtain, with the aesthetically pleasing exterior of our Model SCB Sail Cloth Baffle to compliment any interior.

### Applications:

- ◀ Conference Centers
- ◀ Indoor Swimming Pools
- ◀ Sports Arenas
- ◀ Gymnasiums/Auditoriums
- ◀ Music Studios
- ◀ Classrooms

### Benefits:

- ◀ Excellent Performance
- ◀ Maintenance Free
- ◀ Moisture Resistant
- ◀ Environment Safe
- ◀ Custom Facings & Colors
- ◀ Easy to Install
- ◀ Fire Retardant

## NSTI Model SAB

Since the materials used in constructing most conference centers, auditoriums and gymnasiums are very hard, reverberant noise can seriously aggravate an already noisy environment. *Reverberant Noise* is sound energy radiating from a source (ie. peoples' voices) which impacts on surrounding hard surfaces, amplifies and then is reflected back toward the source.

In these situations, Model SAB can effectively reduce ambient noise levels by up to 10 dB, by allowing large quantities of acoustically absorptive material to be distributed throughout an area, and help provide a more enjoyable environment while enhancing the area's interior decor at the same time.

It is advisable that an engineered system is devised **before** construction begins to achieve optimal performance. NSTI designs custom noise control solutions for your specific applications. Please give us a call today.



### Specifications:

Model SAB's core shall be 1.07 PCF density with a nominal thickness of 1.5". The fiberglass absorber shall be rated at NRC 0.64 for 1.5" thickness, and shall be encapsulated in Ripstop nylon in the specified colors (other facings and thicknesses optional).

### Related Products:

- ◀ **Model SCB** Sail Cloth Baffles
- ◀ **Model DCA** Decorative Cloth Absorbers
- ◀ **Model WMA** Wall Mounted Perforated Panels
- ◀ **Model FWC** Flexible Wall/Ceiling Composite

### Sound Data

| Model  | Frequency(Hz) |      |      |      |      |      | NRC  |
|--------|---------------|------|------|------|------|------|------|
|        | 125           | 250  | 500  | 1000 | 2000 | 4000 |      |
| SAB-1" | 0.13          | 0.36 | 0.68 | 0.82 | 0.68 | 0.43 | 0.64 |
| SAB-2" | 0.19          | 0.99 | 0.96 | 0.80 | 0.57 | 0.33 | 0.85 |

Appropriate quantity and distribution of absorption material is essential to optimize room acoustics. NSTI is available on a no-cost/no obligation basis to assist in the design and specification of our noise control products. Services include calculation of the required sabins, as well as before and after reverb time calculations.