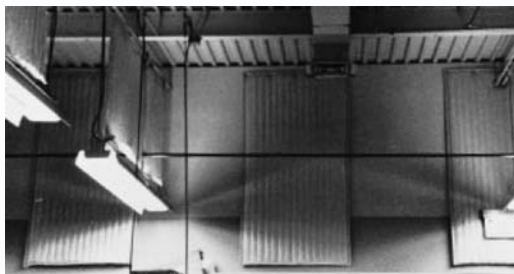




# Acoustic Baffle Specifications

Sound Absorption Baffles & Wall Panels



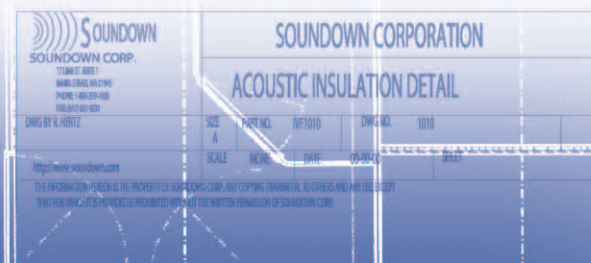
Clearer and easier communication was achieved in this manufacturing plant with AQB-2 overhead acoustic baffles and wall mounted absorption panels shown with optional straight stitch pattern.

## FEATURES:

- Durable Quilted Fiberglass style
  - Economic Polywrapped style
  - FDA approved Sanitary Baffle style
  - Introduce soft, sound absorption materials into hard reflective environments
  - Effective, economic method of reducing reverberation
  - Ambient noise reduction up to 10 decibels
  - For industrial plants, warehouses, food processing facilities, gymnasiums, auditoriums, commercial and architectural applications
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- Light weight and self-supporting with no sharp corners
  - May be installed by in-house personnel
  - Easily relocated to other areas
  - Optional white color reflects light to working areas and increases ambient lighting
  - Requires no maintenance, but can be washed or steam cleaned for hygienic or aesthetic reasons
  - Can be custom tailored for specific applications
  - Class A Flammability Rating per ASTM E-84



DUAL-LIFT (0,123m<sup>2</sup>)





AQB Baffles 2' x 4' with (2) grommets shown in diamond and straight-stitch patterns

Soundown™ Acoustic Quilted Baffle (AQB) Fiberglass line of Overhead Baffles & Wall Mounted Sound Absorption Panels feature a durable vinyl-coated-fiberglass-cloth facing quilted to one-inch or two-inch thick fiberglass. These Class A Flammability Rated baffles, offer high NRC ratings, are available in a number of colors and stitch patterns and can be custom fabricated to any size required.

Soundown "AQB" Baffles are also available with either a decorative fabric facing or a nylon rip-stop facing. These attractive sound absorbers offer a wide range of colorful options which can be custom tailored for any commercial applications.

## Physical Properties:

Gray, tan, white, or black are standard vinyl-coated fiberglass-cloth facings  
 Meets Class A Flammability Rating (ASTM E-84)  
 Flame Spread: 17.66  
 Smoke Density: 22.75  
 Brass grommets installed for hanging

Continuous service temp.: -20°F to 180°F  
 2 lb./cu. ft. density fiberglass  
 Decorative fabric and nylon rip-stop facings available in over 60 colors  
 Quilted diamond patterns or straight-stitch patterns available  
 Custom sizes available

## Acoustical Data:

### Quilted Fiberglass Styles,

AQB-1 Baffles: 2' x 4' x 1" thick (nom.)  
 AQB-2 Baffles: 2' x 4' x 2" thick (nom.)

### Sound Absorption Coefficients-Sabins Per Baffle One-Third Octave Band Center Frequency (Hz)

Style	125	250	500	1000	2000	4000	NRC
AQB-1	.59	2.43	7.17	8.66	8.82	6.71	6.75
AQB-2	.91	6.07	8.25	8.88	6.65	5.58	7.45

Test method: ASTM C423-81



More than 600 Polywrapped Ceiling Baffles reduced overall noise levels by 8 dB(A) in this wood working facility.



In addition to reducing reverberating noise, the durable, chemical resistant and water-tight construction of Sanitary Baffles makes them suitable in difficult environments such as this swimming pool.

