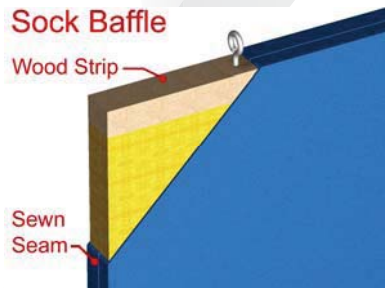




# BAFFLES: SOCK, FOLD-UP AND BACK-TO-BACK

### APPLICATION

Wall Technology Baffles are designed to be a tasteful large-area acoustical solution with a high degree of design flexibility.



### SOCK CONSTRUCTION

The core construction is a dimensionally stable 6-7 PCF glass fiberboard with resin hardened edge protection. Seams are factory sewn, with the top edge stapled to an internal wood strip, also used for eyehook attachment.



### FOLD-UP and BACK-TO-BACK CONSTRUCTION

The core construction is 2 pieces of dimensionally stable 6-7 PCF glass fiberboard with resin hardened edge protection. D-Ring support. Fabric is continuous at the bottom of the Fold-Up Baffle, with visible seams on the vertical edges.



### SIZE AVAILABILITY

Sock Baffles can be 3/4", 1", 1-1/2" and 2" thickness. Maximum size is 4'w x 8'h or 10'w x 2'h. Fold-up Baffles can be 1", 1-1/2" and 2". Maximum size is 4'w x 8'h, or 6'w x 2'h. Back-to-Back baffles can be 1", 1-1/2" and 2". Maximum size is 4' x 12' or 5' x 10'. Note that maximum size can be further limited by chosen fabric width.

### EDGE DETAIL

All edges are resin hardened. Sock and Radius Baffles have square edges, Back-to-Back is available in: square, radius, bevel, and half bevel.

### FINISH

A wide variety of fabrics are available from all major brands, including Guilford, Maharam, Knoll, Carnegie, and Designtex. A comprehensive selection of vinyl coverings is available from Webcore, Designtex and Maharam for Back-to-Back Baffles.

### MOUNTING

Sock Baffles are suspended vertically with eyehooks, while Fold-up and Back-to-Back Baffles utilize D-Rings.

### EXCELLENT ACOUSTICAL PERFORMANCE

Respond Baffles provide excellent large area acoustical performance for auditoriums, theaters, offices, libraries, eating establishments and classrooms. NRC ratings per ASTM C423 are listed per baffle:

1"	7.74 Sabins / 2' x 4' Baffle (250-2000 HZ)
2"	10.25 Sabins / 2' x 4' Baffle (250-2000 HZ)

### FIRE PERFORMANCE

Each component has been tested according to ASTM E 84\* and has a **Class I/A rating**.



### RECYCLED CONTENT

Wall Technology Baffles utilize an Owens Corning fiberglass board core that is eligible to bear the Green Cross label for recycled content. The board is certified on average to contain at least 40% recycled glass, with 10% post-consumer and 30% pre-consumer content.

And for your LEED® project, our acoustical panels can help you qualify for recycled content points under the Materials and Resources section. Other LEED® categories may also apply depending upon the project requirements.

### 3-YEAR

### 3-YEAR WARRANTY

Wall Technology Baffles have a limited 3-year warranty. The panels are warranted to be free from defects in material and workmanship for a period of three years from the date of purchase.

See product warranty for details and limitations.

\* The ASTM E 84 standard should be used to measure and describe the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment, which takes into account all of the factors, which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

# BAFFLES: SOCK, FOLD-UP AND BACK-TO-BACK— SPECIFICATIONS

## PART 1 GENERAL

- 1.1 Work in this section shall be subject to drawings, general conditions, schedules, addenda and other contract documents.
- 1.2 The extent of the acoustical panels is shown on the drawings and in the schedules.
- 1.3 Submit \_\_\_\_\_ (select quantity) samples of each type of acoustical panel as shown on the drawings and in schedules and include appropriate technical information including test data and maintenance instructions. Submit \_\_\_\_\_ (select quantity) fabric selector cards from manufacturer's standard finishes, or designer specified finishes.
- 1.4 Acoustical panels shall be installed according to manufacturer's recommendations and instructions.
- 1.5 Installation of acoustical panels shall not begin until all wet work (plastering, concrete, etc.) is completed and dry. Building shall be properly enclosed and under standard occupancy conditions (temperature of 60-85°F and not more than 70% relative humidity) before installation begins.
- 1.6 The contractor shall be responsible for the examination and acceptance of all surfaces and conditions prior to the acoustical panel installation.
- 1.7 Substitutions or changes will only be permitted by prior approval by the architect.

## PART 2 MATERIALS

- 2.1 Acoustical wall panels shall be Wall Technology Type: Baffles: Sock, Fold-Up or Back-to-Back as manufactured by Wall Technology, 800 Gustafson Road, Ladysmith, WI 54848. Phone (800) 359-3312, fax (800) 359-0106
- 2.2 Baffles shall be constructed of a composite core construction of dimensionally stable rigid fiberglass of 6-7 pcf density. Sock thickness (choose one)  $\frac{3}{4}$ " , 1" , 1- $\frac{1}{2}$ " , or 2". Fold-Up or Back-to-Back thickness (choose one) 1" , 1- $\frac{1}{2}$ " or 2".

- 2.3 Sizes: \_\_\_\_\_ width and \_\_\_\_\_ high or as shown on drawings. Standard Sock maximum size is 4' wide x 8' high, or 10' wide x 2' high. Fold-Up maximum size is 4' wide x 8' high, or 6' wide x 2' high, and Back-to-Back maximum size is 4' x 12' or 5' x 10' in any orientation. Custom sizes available; consult manufacturer. Panels are to be manufactured according to field dimensions supplied by the installing contractor. Standard tolerances are  $\pm \frac{1}{16}$ " in width and length.
- 2.4 Edge profile shall be square for Sock and Fold-Up Baffles. Back-to-Back edges can be: Square, radius, full bevel, half-bevel, miter; or custom \_\_\_\_\_ (specify). Corner detail shall be: Square. Edge treatment shall be resin hardened; Sock Baffles can have aluminum, high-pressure laminate or wood with square profile.
- 2.5 Panel finish shall be \_\_\_\_\_ (specify finish manufacturer, pattern, color and specifier). Finish shall be applied directly over the faces and all edges of the baffles. All corners are fully tailored.
- 2.6 Mounting shall be vertical attachment to eyehooks with Sock Baffles, and D-Rings with Fold-Up and Back-to-Back Baffles. Any miscellaneous fasteners are to be supplied by the contractor.
- 2.7 Acoustical Performance – Baffles shall have a minimum Sabins rating of 1.3 Sabins per square foot for 1", or 1.75 Sabins per square foot for 2" measured in accordance with ASTM C423.
- 2.8 Flammability – All panel components except for the wood strip on the Sock Baffle, shall have a Class "A" fire rating in accordance with ASTM E-84.

**Thank you for choosing Wall Technology for your acoustical needs.**

*The information provided above is correct to the best of our knowledge at time of printing. We reserve the right to make changes without prior notification.*

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