



ACC-U-SOUND HB (Hanging Baffle)

Quiet Technology Systems' ACC-U-SOUND Acoustical Hanging Baffles (HB) provide excellent sound reduction in large open environments.

Acoustical Core

6-7 PCF rigid fiberglass core

Edges

Chemically hardened to resist damage and provide clean, crisp edge profile

Square edges only for 1 piece core

Square, bevel, miter or radius edges available on back to back construction

Finishes

Standard is Guilford FR701 2100 Series Fabric

A wide variety of fabrics and perforated vinyls are also available

Sizes

Thickness: 1 pc. core 1", 1 1/2", 2"

(back to back) 1 1/4", 1 1/2", 2"

Maximum Width x Height: 48" x 120"

Mounting

Factory installed QTS specialized hanging bracket

Applications

Factory Production Facilities

Gymnasiums

Large Open Office Spaces

Multi-purpose Rooms

Auditoriums

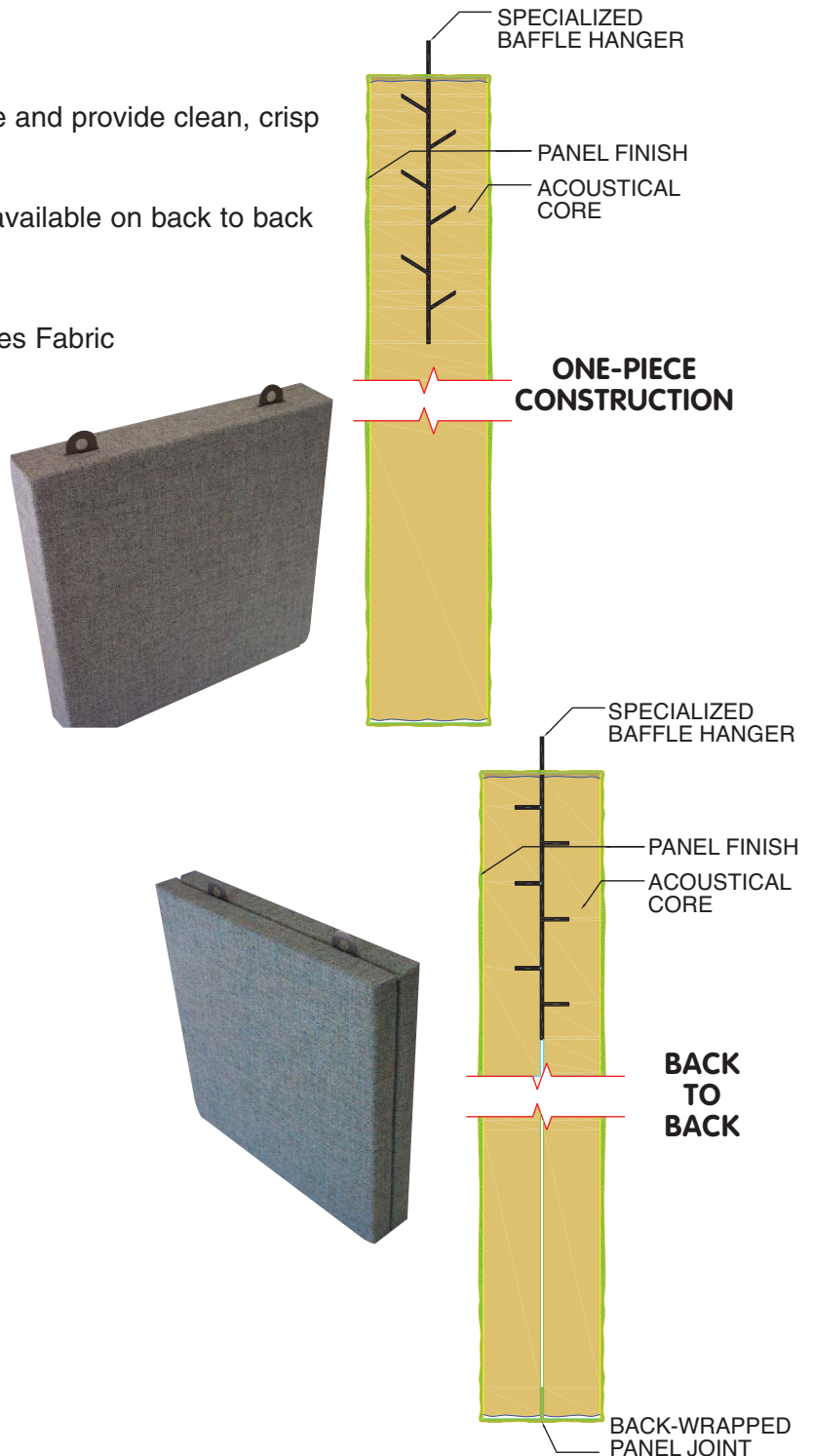
NRC

1"	.85
1 1/4"	.85
1 1/2"	.95-1.00
2"	1.0-1.05

Fire Test

ASTM-E84 Tunnel Test

Less than 25 or class "A" or "1"



SPECIFICATIONS FOR HB SERIES BAFFLES

PART 1 GENERAL

- 1.1 Work in this section shall be subject to drawings, general conditions, schedules, addenda and other contract documents.
- 1.2 Submit _____ samples of each type of acoustical baffle as shown on the drawings and in schedules and include appropriate technical information including test data and maintenance instructions.
- 1.3 Acoustical baffles shall be installed to manufacturers recommendations.
- 1.4 Installation of acoustical baffles shall not begin until all wet work is completed and dry. Building shall be climatized and under standard occupancy conditions (temperature of 65 – 80 degrees and not more than 70% relative humidity) before installation begins.
- 1.5 Substitutions or changes will only be permitted by prior approval by the architect.

PART 2 MATERIALS

- 2.1 Acoustical baffles shall be Quiet Technology Systems Type: HB as manufactured by Quiet Technology Systems, 255 N. Pasadena Street, Gilbert, AZ 85233. Phone (480) 632-9234 Fax (480) 632-9238.
- 2.2 Acoustical baffles shall be constructed of one or two piece core construction of dimensionally stable medium density rigid 6 –7 lb. Pcf fiberglass. Nominal overall thickness of 1" 1¼", 1½", or 2". (choose one).
- 2.3 Sizes: _____ wide and _____ high or as shown on drawings. Standard maximum size is 48" wide by 120" high nominal. Custom shapes or larger sizes available, consult manufacturer. Baffles are to be manufactured according to field dimensions supplied by the installing contractor. Standard tolerances are plus or minus 1/16" in width and length.
- 2.4 Edge profile shall be: Square, radius or bevel available on two piece core baffles only (choose one). Corner detail shall be: Square, radius, or custom (choose one). Edge treatment shall be resin hardened.
- 2.5 Baffle finish shall be: _____ (specify fabric manufacturer, pattern and color). Finish shall be applied directly to the face and edges of the baffle. Two piece cores shall be laminated back to back with fabric returned to the back of each panel. All corners are fully tailored.
- 2.6 Mounting brackets shall be QTS specialized baffle hangers. Installation and hanging material by contractor. All other standard mounting brackets supplied by the manufacturer.
- 2.7 Acoustical performance – baffles shall have a minimum NRC of _____ (specify) in accordance with ASTM C423
- 2.8 Flammability – All baffles with standard fabric shall have a Class "A" flame spread rating of 25 or less in accordance with ASTM E-84.