

Flat Wall Baffles



Sizes:

Part Number:

| | | | | | |
|--------------------------|------------------------|------------|--|--|--|
| <input type="checkbox"/> | 2" thick x 2' H x 4' W | FWB-2Tx2x4 | | | |
| <input type="checkbox"/> | 2" thick x 4' H x 2' W | FWB-2Tx4x2 | | | |
| <input type="checkbox"/> | 2" thick x 4' H x 4' W | FWB-2Tx4x4 | | | |
| <input type="checkbox"/> | 4" thick x 2' H x 4' W | FWB-4Tx2x4 | | | |
| <input type="checkbox"/> | 4" thick x 4' H x 2' W | FWB-4Tx4x2 | | | |
| <input type="checkbox"/> | 4" thick x 4' H x 4' W | FWB-4Tx4x4 | | | |

The 2" thickness is effective at reducing the echo of loud conversations and elevated voices. The 4" thickness is effective at absorbing lower frequency sounds such as manufacturing facilities with low pitched noises. (machinery, etc.)

Materials:

- 14 oz. PVC laminated Polyester
- PVC coated polyester mesh
- Whisper cloth fabric

Colors:

- Royal Blue, Gray, Black, White
- Navy Blue, Red, Beige
- White, Royal Blue
- Gray, Green, Royal Blue, Red, Beige, Fuchsia, Pear Green

Depending on the quantity some colors might not be available

Mounting:

The flat wall baffles are mounted directly to the wall surface. Each facility tends to have different wall construction, which means that different fasteners will be required to attach baffles to the walls at different locations. As such, we ask our customers to be responsible for hanging the flat wall baffles securely to their walls or suspend from the corner joint of the wall and ceiling.

ABSORPTION MATERIAL INSIDE OF OUR FLAT WALL BAFFLES:

Our 2.5" thick Cotton Batts are an eco-friendly alternative to fiberglass or mineral wool acoustic insulation. The natural cotton fibers are 100% recyclable and are made from at least 85% post-industrial recycled content.

Absorption Coefficients NRC

| 1/3 Octave Band Center Frequencies, Hz | | | | | | |
|---|------|------|------|------|------|------|
| 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
| 0.27 | 0.87 | 1.17 | 1.15 | 0.96 | 1.06 | 1.05 |
| Data from independent testing of this item by RAL, a leading acoustical laboratory. | | | | | | |

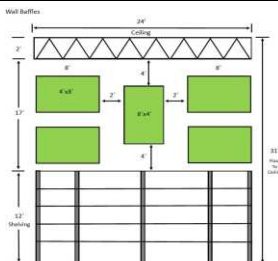
The actual dimensions of the tested batt are 24" x 48" x 2" thick

Increased thickness and/or greater surface area render improved sound absorption.

Product Features

- Excellent sound absorption
- No itch or skin irritation
- Fire Rating ASTM E-84 Class A
- Resists microbial growth

Recommended Layout:



We also recommend, if possible, to place Convex Wall Baffles into the vertical wall corners.

Please see our Convex Wall Baffle sheet for to information on how those get situated in the wall corners.