

# Sound Barriers, Inc.

Engineered Noise Control Systems

## **Model WMA (Wall Mounted Absorber)**

Model WMA, wall mounted absorbers, are a highly efficient solution for ambient and reverberant noise issues. These perforated metal sheets contain a 4 PCF, semi-rigid mineral wool core and offer high performance noise control while withstanding even the harshest environments. When WMA panels and mounting hardware are shipped to the job-site, they are simply unpacked and mounted to the wall. No additional work is needed. Wall mounted noise absorbers are available painted or galvanized.

### **Applications:**

- 9 Theaters
- 9 Studios
- 9 Churches
- 9 Convention Centers
- 9 Assembly Halls
- 9 Indoor Swimming Pools
- 9 Productions Areas
- 9 Gymnasiums
- 9 Auditoriums



### **Benefits:**

- 9 Easily installed
- 9 Fire Safe - low smoke and fire characteristics
- 9 Wide temperature ranges -- from -40° F to 1200° F
- 9 Water resistant options available
- 9 Durable
- 9 Cleanable
- 9 High Performance
- 9 Maintenance Free
- 9 Custom sizes and colors available
- 9 May also be hung horizontally on ceilings or back to back as baffles.

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## Model WMA Performance Data

Model WMA's core shall consist of 4 PCF density, non-combustible, semi-rigid mineral wool. The fiberglass shall be rated at NRC 1.00 for 2" thickness. The shell shall consist of 20 GA, paint locked perforated metal sheet. Standard sizes of panels are 42", however, custom sizes are available. Other options include: 3" and 4" thickness, custom colors, weather resistant option, wall/ceiling mount, back to back baffle.



### Acoustical Performance:

#### ASTM C 423 Co-Efficients at Frequencies

Thickness	125 HZ	250 Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
2.0"	0.26	0.68	1.12	1.10	1.03	1.04	1.00
3.0"	0.63	0.95	1.14	1.01	1.03	1.04	1.05
4.0"	1.03	1.07	1.12	1.04	1.07	1.08	1.10

**Sound Barriers** manufactures a complete line of metal acoustic material designed to enhance the comfort level in both commercial and residential buildings. Our engineering and manufacturing capabilities enable us to design and build any type of acoustic system required for your specific application.

**Sound Designs   Sound Innovation   Sound Solutions**



*Sound Barriers, Inc. believes the information contained herein to be accurate as of the publication date. Actual product performance may vary based on specific application conditions.*

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