

# Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318 (952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com Visit our Website: www.acousticalsurfaces.com

# We Identify and S.T.O.P. Your Noise Problems



# Bowers & V MAGNOLIA

Custom Graphic

# Poly Max™ Polyester Acoustical Panels **Acoustical Wall & Ceiling Tiles**

- Formaldehyde Free
- No Binding Agents
- No Chemical Irritants
- Impact Resistant
- Architecturally Decorative
- Tackable Surface
- Class A Fire Rated
- 60% Polyethylene Terephthalate-Recycled Content

BENEFITS COMPARED TO FIBERGLASS: No chemical irritants, non-allergenic. non-toxic, formaldehyde free, increased impact resistance, no binding agents & cost competitive

MATERIAL: 7.5 # per cubic foot density panels made from 100% polyester (60% PET-recycled fiber, 40% PET-virgin fiber)

APPLICATIONS: Theaters & Home Theaters, Gymnasiums & Multipurpose Room, Commercial & Office Buildings, Studios & Production Houses, Restaurants & Night Clubs, Government & Municipal Buildings, Schools & Universities, Industrial & Manufacturing Facilities

**SIZES:** White: 23<sup>3</sup>/<sub>4</sub>" x 47<sup>3</sup>/<sub>4</sub>" & 48" x 96", Dark Beige: 24" x 48"

Custom sizes available, please call for details. Available in 23¾" x 47¾" for ceiling tiles

THICKNESS: 1"

**COLORS:** Dark Beige & White

WEIGHT: 7.5# PCF

**FLAMMABILITY:** Class A Fire Rated

Flame Spread Index = 15Smoke Developed Index = 250

### **ACOUSTICAL PERFORMANCE:**

Product	125Hz	250Hz	500Hz	1 KHz	2KHz	4KHz	NRC
1" Type A	.08	.20	.59	.94	1.04	1.02	.70
1" Type E400	.44	.80	.73	.99	1.00	.97	.90

**INQUIRE ABOUT CUSTOM GRAPHIC OPTIONS:** 







<sup>•</sup> Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems • Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction • Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices

OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted



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# Installation Instructions for Poly Max™ Acoustical Panels

### Acoustical wall panels may be attached to walls with a variety of hardware:

### **Z-Clips**

If the wall panels are designed to be removable, the use of Z-clips and/or Z-bars may be used for installation. Z-clips are factory installed on the back of the panels and Z-bar, or additional Z-clips are sent in a shipping package to be installed on the wall where the panels are to be installed.

### STEP 1:

Determine the Z-clip or Z-bar locations on the wall to line up with the Z-clip locations on the wall panels. (This "top" of this location is calculated by adding the "z-clip location on panel" to the distance from the top of the wall to the top of the panel.).

Secure the Z-clip or Z-bar and washers to the wall with 2 screws. (Place 1 washer between the wall and Z-clip or Z-bar at each screw location).

Slide the Z-clips on the panels onto the Z-clips or Z-bars on the wall.

### STEP 2:

Lay out the panel locations. Determine z-clip or z-bar location on wall to line up with z-clip location on panels.

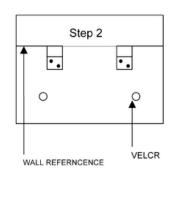
### STEP 3:

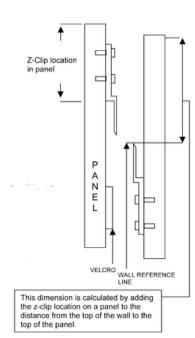
Secure the z-clip or z-bar to the wall with 2 screws.

### STEP 4

Slide the z-clips on the panels onto the z-clips or z-bars on the wall.

\*For vaulted or sloped ceilings, apply a small amount of adhesive (ie) LIQUID NAILS on both sides of clip





Continued on next page...

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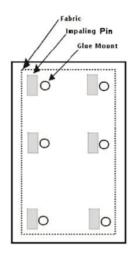
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# Installation Instructions for Poly Max™ Acoustical Panels Cont.

## **Impaling Pin**

- Mount Pins to the wall surface by removing the paper backing and pressing the pin's flat backing FIRMLY ONTO WALL.
- Pins should be located on the wall to avoid the fabric on the back of the panel
- Apply a golf-ball size amount of panel adhesive on the wall surface next to each pin
- Push the panel onto the pins using firm pressure with the palm of your hand in the area around each pin

### Number of Pins per Panel



Panel Length	Number of Pins
Up to 24'	4
24' to 48'	4-6
48' to 72'	6-8
72' to 96'	6-8
96' to 120'	10

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