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BUBOS Art Panel log color

BUBOS Acoustic Panels User Manual

Model: Art Panel log color
Brand: BUBOS

1. Introduction

The BUBOS Acoustic Panels are designed to improve the acoustic environment of various spaces by reducing unwanted sound reflections, echoes, and reverberation. These panels feature an upgraded UV printing technology that mimics the appearance of wood grain, offering both functional sound absorption and decorative appeal. Made from high-density polyester fiber, they are eco-friendly, odorless, and flame-retardant.

2. Product Features

- **Upgraded UV Printing:** Features a decorative wood grain pattern with vertical strips, enhancing aesthetic appeal while absorbing sound. Each pack includes 6 pieces, each measuring 23.6 x 23.6 x 0.4 inches, providing a total coverage of 72 x 48 inches.
- **Eco-friendly and Safe Materials:** Constructed from 100% high-density polyester fiber, free from formaldehyde and odors. The material is B1 class flame retardant, ensuring safety.
- **Enhanced Acoustic Performance:** Effectively reduces background noise, echoes, and reverberation time (RT), and minimizes standing waves, contributing to a quieter and more comfortable environment.
- **Versatile Application:** Ideal for various settings including home and professional studios, offices, and home theaters, to optimize sound quality and room decor.
- **Self-Adhesive Design:** Equipped with an upgraded self-adhesive backing for quick and easy installation. Simply peel off the liner and apply to the desired surface.



Figure 2.1: Key features of BUBOS Acoustic Panels.



Figure 2.2: Product structure and material details.

3. Setup and Installation

The BUBOS Acoustic Panels are designed for straightforward installation thanks to their self-adhesive backing. Follow these steps for optimal results:

1. **Prepare the Surface:** Ensure the wall or ceiling surface is clean, dry, smooth, and free from dust, grease, or loose paint. A clean surface is crucial for proper adhesion.
2. **Plan Layout:** Before peeling the adhesive, arrange the panels on the floor or mark their positions on the wall to visualize the desired pattern and ensure proper alignment.
3. **Apply Panels:** Carefully peel off the protective liner from the back of each panel. Align the panel with your planned position and firmly press it onto the surface. Apply even pressure across the entire panel for several seconds to ensure strong adhesion.
4. **Cutting Panels (Optional):** If custom shapes or sizes are needed, the panels can be cut using a sharp utility knife or box cutter. Measure and mark the cutting line clearly before cutting.



Figure 3.1: Illustration of the self-adhesive design for easy installation.

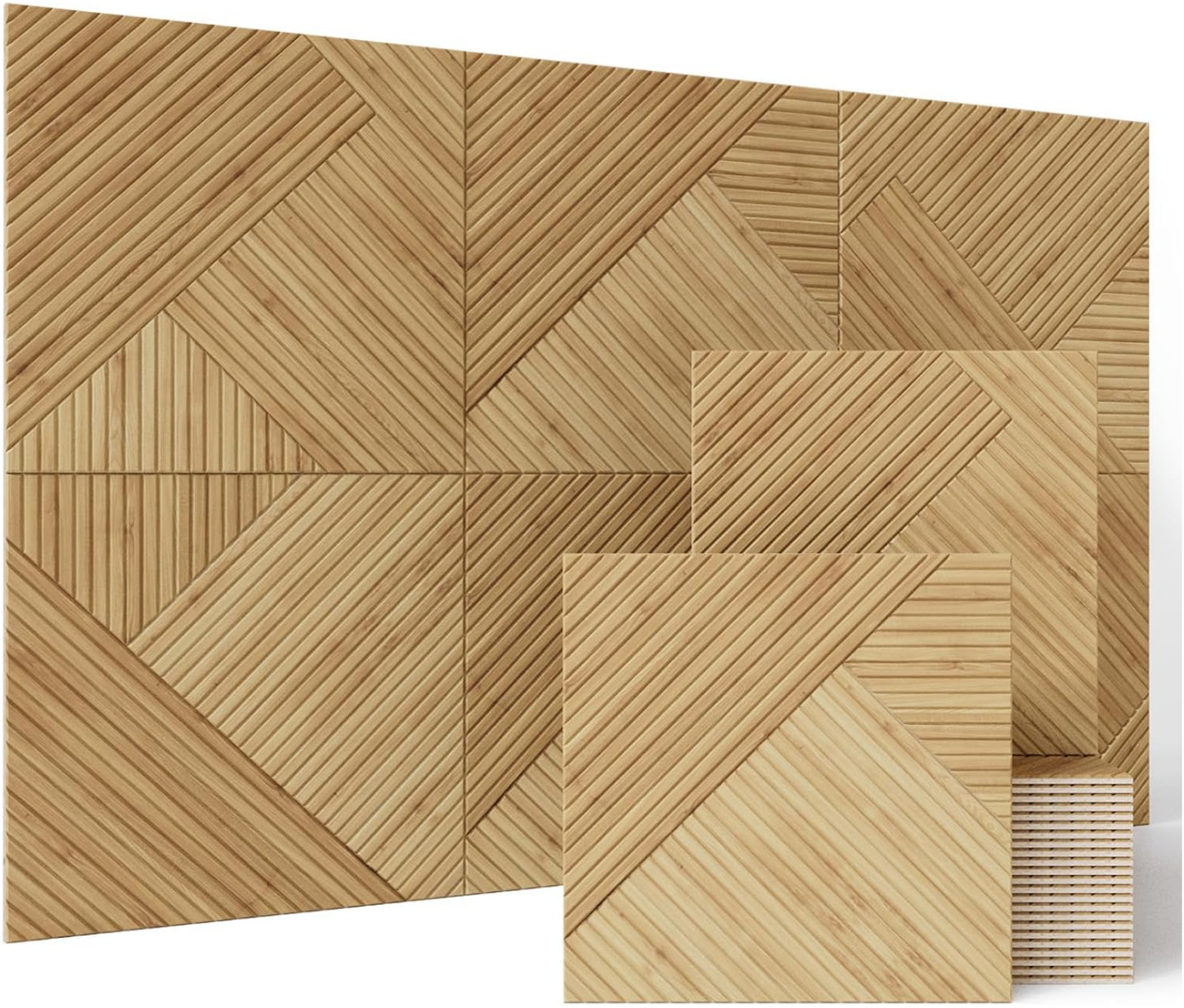


Figure 3.2: BUBOS Acoustic Panels showcasing their decorative wood grain design and arrangement possibilities.

4. Functionality and Acoustic Principles

BUBOS Acoustic Panels function by absorbing sound waves rather than reflecting them. This process reduces echo and reverberation within a room, leading to clearer sound and a more comfortable auditory environment. The high-density polyester fiber material is specifically engineered to trap sound energy across a range of frequencies.

- **Sound Absorption:** The porous structure of the panels allows sound waves to enter and dissipate as heat energy, preventing them from bouncing back into the room.
- **Echo Reduction:** By absorbing sound, the panels significantly reduce the phenomenon of echoes, which are reflections of sound that arrive at the listener after the direct sound.
- **Reverberation Control:** The panels help control reverberation time (RT), which is the time it takes for sound to decay in a space. Reducing RT improves speech intelligibility and musical clarity.

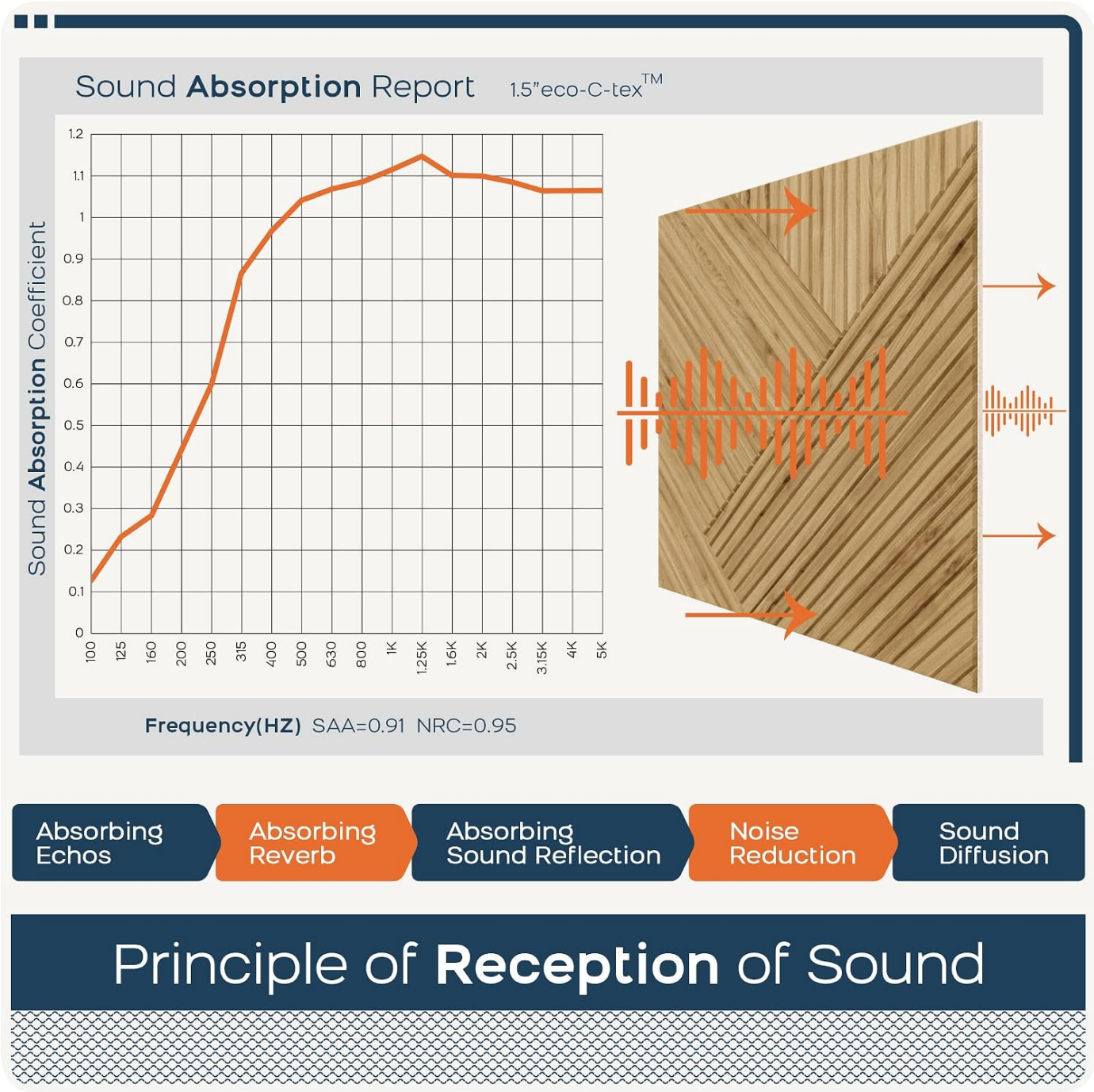


Figure 4.1: Sound absorption characteristics and the principle of sound reception by the panels.



Figure 4.2: Acoustic panels enhancing sound quality in a living space.

5. Maintenance

BUBOS Acoustic Panels require minimal maintenance to retain their appearance and effectiveness.

- **Cleaning:** Gently vacuum the panels with a brush attachment to remove dust and loose debris. For minor stains, lightly dab with a clean, damp cloth. Avoid saturating the panel with water or harsh chemical cleaners.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight may cause slight fading over time.
- **Avoid Sharp Objects:** Do not use sharp objects near the panels to prevent damage to the surface.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Panels not sticking well.	Surface is dirty, dusty, or uneven. Adhesive not fully pressed.	Ensure surface is clean and dry before application. Apply firm, even pressure across the entire panel during installation. For textured or problematic surfaces, consider using additional adhesive spray or mounting strips (not included).
Sound absorption is not noticeable.	Insufficient coverage area. Incorrect placement.	For significant acoustic improvement, ensure adequate coverage of wall space, especially reflective surfaces. Consider placing panels at first reflection points. Acoustic treatment effectiveness depends on room size and existing materials.
Panels appear damaged or warped.	Improper handling or storage.	Handle panels carefully. Store flat in a cool, dry place. If damage occurred during shipping, contact customer support.

7. Specifications

Attribute	Detail
Product Name	BUBOS 6 Pack Large Acoustic Panels
Model	Art Panel log color
Total Size	72 x 48 inches (6 panels, each 23.6 x 23.6 x 0.4 inches)
Material	100% High-Density Polyester Fiber
Color	Log Color
Flame Retardancy	B1 Class
NRC (Noise Reduction Coefficient)	0.95
Density	230kg/m³
Item Weight	8.98 pounds
Package Dimensions	26 x 25 x 3 inches
Country of Origin	China

8. Warranty and Support

For any product inquiries, technical support, or warranty claims, please contact BUBOS customer service through the official Amazon store page or the contact information provided with your purchase. Please retain your proof of purchase for warranty validation.

Additional protection plans may be available for purchase separately. Refer to the product listing for details on extended protection options.

Visit the BUBOS Store: BUBOS Official Store

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