

TEXTURE PERFORMANCE SERIES ACOUSTICAL PANELS TECHNICAL DATA



Product Description

Sound Designs™ Texture Performance Series acoustical panels are designed to offer an architectural element while providing exceptional acoustical absorption. These panels are manufactured to blend into their environment and match their painted surroundings. These products are coated with an acoustically transparent, textured finish that translates as a smooth, traditional look of painted drywall or plaster. These functional wall panels are versatile and affordable and are designed to address reverberation noise in a space and to enhance speech intelligibility.

Form and Function

Sound Designs can be installed in any interior where noise within a space is an issue. These panels, when mounted on the wall, will visually enhance their environment and most importantly, contribute to the acoustical performance and comfort of the space.

Texture Performance Series panels are best suited for use as clouds and baffles. Careful consideration should be taken when specifying this construction for acoustical wall panels. Texture Performance Series Treatments should be installed out of main traffic areas and specifically above 8' from finished floor.

Product Profile

- **Noise Reduction:** Sound Designs™ acoustical panels provide excellent sound absorption when applied to various vertical surfaces.
- **Acoustically Transparent Coating:** The proven, acoustically transparent, textured finish is meticulously applied to a high-density fiberglass face bonded to the core assuring that the panels maintain a high degree of sound absorption.
- **Recycled Content Fiberglass Core:** The 6-7 pound per cubic foot density fiberglass core is manufactured with a weighted average of over 40% post-consumer recycled glass as a percentage of glass weight. Many of our surface materials contain recycled content to further increase the percentage of recycled content. Core thicknesses of 1-1/8" and 2-1/8" are available in widths up to 48" and maximum lengths up to 120". Additional custom thicknesses are available.
- **Unique Design Options:** Choose from a variety of shapes, sizes and colors custom-manufactured specifically for your project. Accent your décor with colors matched to PMS colors or most brands of national paint manufacturers.
- **Edges Details:** Edges are resin hardened, providing dimensional stability to the panel perimeter. Edge details are available in square, half bevel, quarter bevel, mitered, and radius.

Acoustical Performance

Our acoustical products have been tested at a NVLAP (National Voluntary Laboratory Accreditation Program) accredited laboratory and have achieved acoustical performance ratings when tested in accordance with ASTM C 423-08a.

Panel Thickness	NRC
1-1/8"	0.85 to 0.95
2-1/8"	1.00 to 1.10

**NRC ratings are determined with specific fabrics and mounting options. Higher NRC ratings can be achieved with mountings that incorporate an air space between the panel and the wall. Please contact your Koroseal Interior Products sales representative for specific NRC test results.*

Fire Rating

All components are Class 1/A fire rated when tested in accordance with ASTM E84. The flammability testing data, conclusions and recommendations in these reports relate solely to measurements and descriptions of the properties of materials, products, or systems in response to heat and flame under controlled laboratory conditions and should not be considered or used for the description, appraisal or regulations of the fire hazard of materials, products or systems under actual fire conditions.

Attachment Methods

- Snap-On Rotofasts
- Cloud Anchors
- Z-Clip/Velcro
- Impaling Clips with Adhesive
- Others Available Upon Request

Warranty

One (1) year limited warranty. Contact your local Koroseal Interior Products sales representative for complete warranty details.