

EQOUSTICS™ SERIES LOW-EMITTING PANELS TECHNICAL DATA



Product Description

Sound Designs EQoustics™ Series acoustical panels, provide superior sound absorption in a low emitting construction. These acoustical treatments are manufactured to suit the acoustical and aesthetic needs of any space while contributing to healthful indoor air quality. Sound Designs functional panels, 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 treatments, will add dramatic visual impact while contributing to the acoustical performance and comfort of the space.

Indoor Air Quality

The EQoustic Series is carefully designed and manufactured to provided a low emitting option for today's environments. This construction meets California Indoor Air Quality Specification Section 01350 when tested with Guilford FR701, Series 2100 surface material.

Product Profile

- **Noise Reduction:** Sound Designs™ EQoustics treatments provide excellent sound absorption when applied to various surfaces.
- **Recycled Content Fiberglass Core and Surface Material:** The 6-7 pound per cubic foot density fiberglass core is manufactured using a minimum of 45% post-consumer recycled material. Guilford FR 701, Style 2100 Series is manufactured using 100% post-consumer recycled polyester. Please contact your Koroseal Interior Products sales representative for details.

- **Bonded Surface Treatment:** The proprietary process bonds your custom fabric to our acoustical core. EQoustics Series treatments are available in our Performance Series and Performance Plus Series constructions. When fabric color and construction dictate or when a tackable, medium impact treatment is required, EQoustic Series can be manufactured with an 1/8" rigid fiberglass face providing a smooth surface that will beautifully accept a wide variety of finish materials while providing exceptional acoustical performance and durability.
- **EQoustics and LEED:** These thoughtfully crafted products can contribute to a building achieving LEED points in the following categories:

LEED MR 3 (Healthcare)	Sustainably Sourced Materials and Products
LEED MR 4	Recycled Content
LEED MR 5 (Commercial Interiors)	Regional Materials, 20% Manufactured Regionally
LEED EQ 9	Enhanced Acoustical Performance
LEED EQ 4 (Schools, Healthcare, Retail)	Low-Emitting Materials

- **Unique Design Options:** Choose from a variety of shapes and sizes custom manufactured specifically for your project. Our 1" and 2" acoustical cores are available in widths up to 48" and lengths up to 120".
- **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.

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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"	0.90 to 1.00
2"	1.05 to 1.15

**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.

Surface Options

Choose from a wide variety of fabrics and commercial wallcoverings to enhance your interior space. Each surface material is carefully tested and examined to assure that your design aesthetic is met.

- **High Performance Textiles:** Polyester/Polyolefin fabric blends are available in woven dobby and jacquard weaves. Versatile colorways coordinate with today's interior palettes. The fabric backing is acoustically engineered to enhance sound absorption.
- **Vinyl Wallcoverings:** Choose from hundreds of textures and patterns offered in these beautiful collections. Our commercial wallcoverings are acoustically perforated to enhance our acoustical wall panel's sound absorption characteristics.
- **Digitally Printed Celtic Cloth or Vinyl Wallcoverings:** Our experienced, in-house design staff can bring your graphic elements to life using our exclusive digitally printed wallcoverings as the canvas.
- **Arbor Wood Veneer Wallcovering:** Select your surface treatment from our vast array of precision sliced wood veneer wallcoverings. These beautiful and natural veneers are acoustically perforated to assure the highest in sound absorption characteristics whether in a wall panel, cloud, or ceiling application. Visit koroseal.com/arbor for our extensive offerings.