



EQoustics™ Series Low Emitting Acoustical Treatments Technical Data



Product Description:

Sound Designs EQoustics™ Series Acoustical Wall Panels, Baffles and Clouds 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 wall panels, baffles and clouds 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, when mounted on the wall or suspended from the ceiling, 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 provide a low emitting option for today's environments. This construction meets California Indoor Air Quality Specification Section 01350 when tested with Guilford FR 701, Series 2100 surface material.

Product Profile:

▪ **Noise Reduction**

Sound Designs™ EQoustics Treatments provide excellent sound absorption when applied to various vertical surfaces or when suspended vertically as baffles or horizontally as clouds.

▪ **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 specific 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 <i>(Healthcare)</i>	Sustainably Sourced Materials and Products
LEED MR 4	Recycled Content
LEED MR 5 <i>(Commercial Interiors)</i>	Regional Materials, 20% Manufactured Regionally
LEED EQ 9	Enhanced Acoustical Performance
LEED EQ 4 <i>(Schools, Healthcare, Retail)</i>	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 wall panels have been tested at a National Voluntary Laboratory Accredited Accreditation Program (NVLAP) accredited laboratory and has achieved the following 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 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 recommendation 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.

Surface Options

Choose from a wide array of colors in our 100% recycled content FR polyester surface fabrics. Each surface material is carefully tested and examined to assure that your design aesthetic is met.

Installation

Sound Designs™ Acoustical Wall Panels are easy to install and can mount directly to most existing wall surfaces using Rotofast™ Snap-on Anchors.



Panels can be manufactured to accommodate installation using z-clips, hook and loop fasteners, construction adhesive, impaling clips/adhesive or custom moldings.

Warranty

One (1) year limited warranty. Contact your local KOROSEAL Interior Products Representative for complete Warranty details.

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