



Dual Performance Series Acoustical Wall Panels Technical Data



Product Description:

Sound Designs™ Dual Performance Series Acoustical Wall Panels provide moderate sound absorption and can help to inhibit sound from traveling from space to space. When unwanted sound travels into an adjacent space it becomes noise and needs to be mitigated. Noisy conference rooms can interrupt an adjacent private office. Noise from copy and vending machines can be disruptive to work areas on the other side of the wall. Our tackable, perforated, mineral fiberboard core helps absorb noise within a space while also acting as a sound barrier. Select from our vast selection of surface materials to enhance your environment.

Form and Function:

Sound Designs can be installed in any interior where noise within a space is an issue. Dual Performance panels can also act as a noise barrier in certain installations. These panels will add visual appeal while providing a tackable surface.

Product Profile:

▪ Perforated Mineral Fiberboard Core

Available in 1/2" and 3/4" thicknesses, these panels have sound absorption and sound transmission inhibition characteristics. This versatile core also provides a tackable surface.

▪ Bonded Surface Treatment

The proprietary process bonds your specified fabrics and perforated commercial wallcoverings to our high performance acoustical core.

▪ Design Flexibility

Choose from a variety of shapes and sizes custom manufactured specifically for your project. Panels are available in widths up to 48" and lengths up to 120".

Acoustical Performance

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

Panel Thickness	NRC	STC
1/2"	0.40	24
3/4"	0.50	26

Edges

Edges are fully wrapped and finished with tailored corners. Details include square, half bevel, and quarter bevel, radius mitered and tegular.

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 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.

▪ KOROSEAL's High Performance Textiles

Beautiful dobby and jacquard weaves are available in Polyester/ Polyolefin fabric blends. Versatile colorways coordinate with today's interior palettes. All fabrics are treated with a stain resistant finish for ease of maintenance. The fabric backing is acoustically engineered to enhance sound absorption.



Dual Performance Series Acoustical Wall Panels Technical Data

- **KOROSEAL®**, **Victrex®**, **Sanitas®** and **KOROSEAL® Studios Wallcoverings**

Choose from hundreds of textures and patterns offered in these functional collections. Our commercial wallcoverings are acoustically perforated to enhance our acoustical panel's sound absorption characteristics.

- **Digitally Printed Fabrics and Commercial Wallcoverings**

Our experienced, in-house design staff can bring your graphic elements to life using our exclusive digitally printed and perforated wallcoverings as the canvas.

- **Customer's Own Fabric**

Sound Designs Acoustical Wall Panels are offered in custom sizes, thicknesses and finishes. When you need to coordinate other fabrics and finishes with needed acoustical treatments, Koroseal will test your fabric and confirm that it is compatible with our manufacturing process.

Installation

Sound Designs™ Dual Performance can be installed using construction adhesive.

Warranty

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

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