

INTERIOR FELT BROCHURE

Baffles

INTRODUCTION

Baffles allow you to enhance room acoustics with precision while offering flexible design possibilities. They eliminate echo and enhance privacy with 100% wool felt laminated to acoustical cores. When arranged in a system and suspended from the ceiling, baffles can increase absorption up to .90 NRC without sacrificing light or airflow.

SHAPES

With our wide selection of standard baffle shapes, you can achieve both function and design in any ceiling scape. All fabrications are made to order. Special order capabilities available upon request.

SURFACES

Choose laminating detail:

A. LAMINATED SURFACE

Felt that is laminated on the front and back only, with all edges exposed.

B. LAMINATED WRAP

Seamless pieces of felt wrapped around the front, bottom and back.

C. FULLY LAMINATED

Felt covers all sides except the top.

CORE MATERIALS

Baffles are made to order and can be specified with the following acoustic cores:

A. Eco core (Polyester)

- Thicknesses: 1/2" or 1"

B. Fiberglass

- Thicknesses: 1" or 2"

Refer to the chart below as a guide. More details are available upon request.

Our acoustical cores are Class A fire rated in accordance with ASTM E84, CAN S-102. They contain no formaldehyde or air borne contaminants.

Mineral wool cores (fully wrapped only) are available upon request.

Note: Assembly and quantity of product-to-area ratio affect NRC values.

Each baffle comes with one set of cables and grips providing hanging solutions for most site conditions.

A. PREMIUM

A minimal design stainless screw-cap and thread anchor.

B. GRIP AND EYE HOOK

An adjustable grip clasp with impaling eye hook make baffles easy to hang.

INSTALLATION

The baffle connection point and hanging anchor point have a screw mechanism for easy removal, plus an adjustable anchor to level the baffle on site.

D. PREMIUM STANDARD HARDWARE

A single-screw with adjustable cable mechanism makes it easy to install the baffle simply by mechanically fastening it to the substrate. The cap and screw come fixed into the product.

E. INDUSTRIAL-STYLE HARDWARE

A simple crimp/loop cable loops through the T-bar and I beam site conditions. The cable is adjustable at the clasp for easy leveling. An impaling eye hook is fixed into the product to make installation quick and simple.

Wall Tiles

INTRODUCTION

Interior Felt wall tiles are crafted of 3mm or 5mm wool felt and laminated onto a rigid high-performance acoustic core. The 6mm cores are a standard heather dark gray felt to complement any felt surface if exposed. Wool felt tiles let you create unique feature walls and enhance acoustics.

SHAPES

Select from our collection of standard shapes. For custom shapes, any size within 4' x 8' can be cut with a provided CAD files. 6mm core is standard thickness with special order thickness available upon request.

INSTALLATION

Wall tiles are simple to install. We recommend either applying the tiles direct to the wall with adhesive or Z-clip hardware. Tiles can be patterned with or without a spacer. Or, they can be butted together to create a monolithic pattern.

A. GLUE DIRECT

Trowel or roll on wall adhesive to a substrate and place the tiles on the thin-set in the desired pattern.

B. Z-CLIP / Z BAR SYSTEM

The z-clip system is installed on the back of the panels in rows according to size, and enclosed with coordinating z bars to mechanically fasten to the substrate.

Felt Acoustic Board

INTRODUCTION

Felt Acoustic Boards are ideal as soft panels to cover large areas. Standard sizes start at 4' x 8' and 6mm thick. These boards can be laminated with our 3mm or 5mm felt to bring any design idea to life.

SHAPES

Geometric shapes may be pre-ordered or cut on site. Special order capabilities available upon request.

INSTALLATION

We offer a complete aluminum trim system with either L mold or J mold to cap off.

Use L mold for glue-direct boards, as this trim caps off the felt and core edging only.

Use J mold for floating panels where glue-direct is not possible, or for designs where a wrapped cap onto the surface of the board is preferred.

NRC varies depending on installation.

Acoustic Wall Panels

INTRODUCTION

Interior Felt wall panels are made up of 100% wool Designer Felt laminated to a rigid high-performance acoustic core. These panels are an excellent way to achieve up to .85 to .90 NRC in large open spaces.

SURFACES

A. LAMINATED SURFACE

Felt laminated to one flat surface only, all side edges exposed.

B. LAMINATED COVERED EDGES

Felt laminated to one surface and all four edges, side edges covered.

CORE MATERIALS

Interior Felt Wall Panels are available using 12mm and 24mm thick rigid acoustic cores.

HARDWARE

Acoustic wall panels are installed with z-clips.

INSTALLATION

The z-clip system is installed on the back of the panels in rows according to size, and enclosed with coordinating z-bars to mechanically fasten to the substrate.

CNC Laminate Felt Panels

INTRODUCTION

Interior Felt has the unique ability to laminate two felts into one homogeneous panel for the ultimate wall covering. Laminated felt can be fabricated into CNC cut patterns and layered over top of the base felt. Colors and textures can be combined for added pattern and dimension.

Available in 3mm and 5mm felt thicknesses

STANDARD DESIGNS

Select the desired thickness, colors and size within the limitation of 5'6" x 10'. Choose one of our pre-designed patterns or submit your own.

SURFACES

Choose laminating detail:

Hardware

Our trim selection offers aluminum and J molds and L molds to edge off or cap off the panels.

A. J MOLD

B. L MOLD

INSTALLATION

Our felt laminated panels are installed like standard rolled felt wall coverings. Laminate felt panels must always be glued direct to the substrate. We recommend a superior wallpaper adhesive with low water content.

Felt panels can be installed tightly together to create a monolithic wall surface. This allows large surface areas to be covered with minimal visual seams.

Screens

INTRODUCTION

Screens can close off and give definition to a particular area. Made with 100% wool felt, they are a soft and organic alternative to noise-reflective glass and other hard surface partitions. Choose from a wide selection of solid felt panels and CNC cut patterns.

Our felt screens can be installed as fixed hanging pieces or a gliding track system. Screens are made of German milled 100% wool Designer Felt.

SHAPES

Screens can be CNC cut in geometric, florals and abstract patterns to accentuate any space. Choose from our standard color selection.

Various sizes are available with a maximum limitation of 5'9" x 10ft.

HARDWARE + INSTALLATION

Hanging hardware is designed for ceiling and wall only or both ceiling installations. For extra stability within the felt panel, our screens are designed with a flat bar on the bottom for gliding screens and both top and bottom for fixed screens.

Design your own screen or select from our pre-designed systems. Please inquire about spacing and design limitation.