



Quiet Spaces Create Peaceful Minds



Eco-Friendly Acoustic Panels

THE FUTURE FOR SOUND ABSORPTION

OVERVIEW

OUR COMMITMENT

At FSorb, we are motivated by improving human health and do so by creating eco-friendly acoustic products. Our mission is to help designers build beautiful spaces that reduce excess ambient noise while calming the human nervous system. With over 35 years in the acoustic business we stand behind FSorb as a low-cost, environmentally friendly, and durable product. If you want an acoustic solution that is completely safe to human health at an affordable price, then we are your resource.

INNOVATIVE PANELS

- Eco-friendly
- Simple to install
- Red List Free - Declare®
- Class A Fire Rated
- Low Cost
- VOC Free
- Stocked 48" x 96" sheets

APPLICATIONS

- Direct applied
- Suspended
- Furred
- Screens
- Baffles
- Lay-in ceiling
- Tack panels

USES

- K-12 & Higher Education
- Office Buildings
- Industrial/Manufacturing
- Government
- Theaters & Studios
- Stadiums
- Retail Establishments
- Gymnasiums
- Healthcare
- Public Spaces
- Wineries & Breweries
- Natatoriums
- Restaurants
- Traffic Noise

PANEL SPECIFICATIONS*

Thickness	Noise Reduction Co-Efficient (NRC)
1/2"	0.50
1"	0.70
2"	1.05

* FSorb panels are a standard 48" x 96" and can be cut to fit onsite or ordered in custom shapes and sizes in the colors shown on page 8

OUR CLIENTS







”

FSorb provided us a healthy acoustic product for our school at an economical price point we could not have received with any other product.

WESTSIDE SCHOOL

”

When they first opened it was really loud and uncomfortable. After they installed FSorb it changed a lot and we can now talk and understand each other without shouting.

**BOTTLE & BULL
PUB PATRON**

”

The sequencing of our construction required acoustic panels be installed before chilled beams in the exposed ceiling and before building enclosure. FSorb was moisture resistant, easy to clean, durable, and cheaper than the specified product.

SELLEN CONSTRUCTION



ENVIRONMENTAL RESPONSIBILITY

FSorb is an environmentally friendly acoustic product made from thermally bonded recycled polyester plastics. FSorb contains NO adhesives, paints, coatings, VOC’s, formaldehyde, itchy particles, wood, agricultural or paper products.

PUBLICLY DISCLOSED HEALTH PRODUCT DECLARATION

FSorb has a Red List Free - Declare® Label to support HPD’s for LEED and Living Building Challenge projects. They are located on the product section of the website or provided upon request.



PAINTS, COATINGS, ADHESIVES AND SEALANTS

NO paints, coatings, adhesives or sealants are used to manufacture FSorb, it is thermally bonded.

Material Name	Polyester
CAS Number	#68604-67-1
Proportion	100%
Contains 0.0 VOC's	

FSorb does not contain any ozone depleting chemicals and is not classified as a hazardous air pollutant.



UL EPD CERTIFICATION

The UL EPD certification Mark indicates that UL has independently reviewed and certified the manufacturer’s environmental impact disclosure that constitutes the EPD.

RECYCLED CONTENT

The recycled content varies depending on the availability of recycled PET fibers. The recycled content range is between 65% – 96% depending on product, color and location of manufacturing.

MANUFACTURING LOCATION

FSorb is a Buy American Product. FSorb is manufactured and shaped in Woodinville, Washington. Raw materials are sourced within the United States and South Korea. FSorb is distributed through a series of distribution yards throughout North America.



SOURCING OF RAW MATERIALS

The recycled polyester comes from PET plastic fibers which are sourced from a variety of locations near the manufacturer and vary depending on availability.

END OF LIFE CONSIDERATIONS

FSorb products are recyclable curbside almost everywhere and also at specialty plastic recycling facilities. FSorb is made using PET (Polyethylene terephthalate) which is the most used plastic and can be infinitely recycled. FSorb is recycled and recyclable.



COLORS & MATERIALS

PREMIUM COLORS

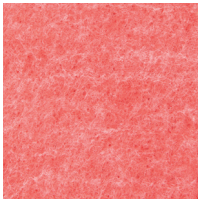
There is a natural variation in color, particularly grey and light grey.



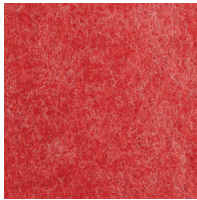
LIGHT BEIGE
FS-300



CHESTNUT
FS-810



RED
FS-360



ROSE RED
FS-330



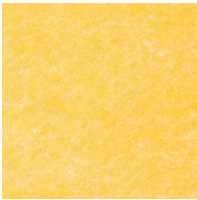
PINK
FS-390



ORANGE
FS-420



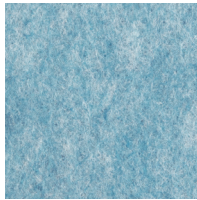
APRICOT
FS-450



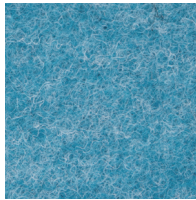
YELLOW
FS-480



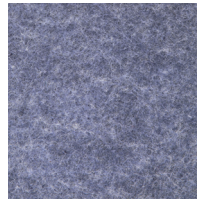
SKY BLUE
FS-720



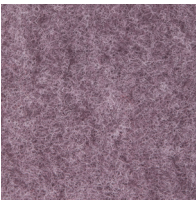
TRUE BLUE
FS-660



OCEAN BLUE
FS-690



MIDNIGHT BLUE
FS-630



DARK PURPLE
FS-750



PURPLE
FS-780



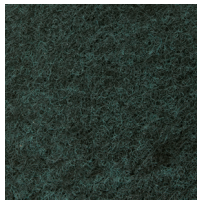
SEAFOAM GREEN
FS-600



MOSS GREEN
FS-570



GREEN
FS-540

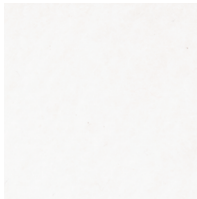


DARK GREEN
FS-510

STANDARD COLORS



BLACK
FS-250



WHITE
FS-100



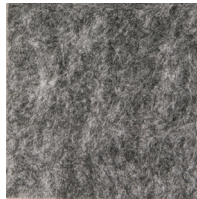
TAN
FS-190



LIGHT GREY
FS-130



GREY
FS-160



CHARCOAL
FS-220

PRODUCT AVAILABILITY

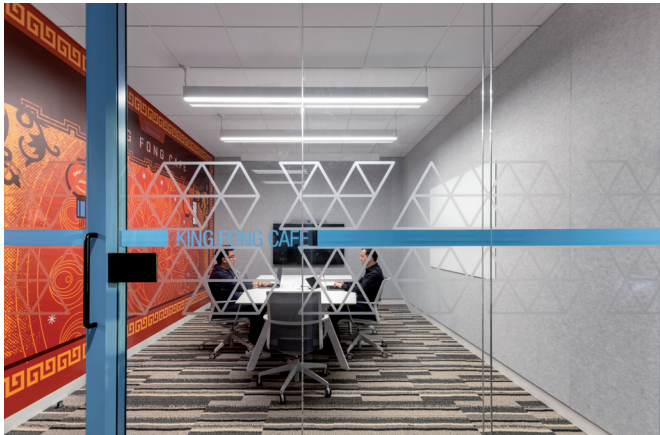
We do our best to anticipate your needs. Commonly used colors are stocked in our warehouse and with our distributors across the United States to ensure you have what you need.

- Standard product sheet size is 48" x 96"
- "Available Colors" is product stocked in the US
- 1/2" thickness is stocked in all 24 colors
- 1" and 2" thickness stocked in "Standard Colors"
- Custom colors available upon request with a minimum order of 2,350 sheets (75,000 sf)

PRINTING OPTIONS

We can help you achieve some amazing acoustic solutions that go far beyond the blank look of an acoustic panel. We can create printed products on 1/2" sheets with a maximum print area of 48" x 120". Consider sending us a high resolution image for one of the following:

- Wood grain elements
- Logos & Signage
- Large format sequenced graphics
- Geometric patterns
- Artwork



WOOD PRINT



BEIGE MAPLE



CLEAN BIRCH



BRIGHT
HEMLOCK



WASHED OLD
WORLD



WARM WALNUT



SMOKED OAK

SILENTLINE BAFFLES



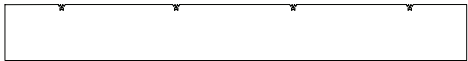
APPLICATIONS AND USAGE

Silentline Baffles are designed to absorb sound and provide a clean, dynamic linear feel within the ceiling space. We currently have four standard baffle shapes and can also create custom shapes for larger orders.

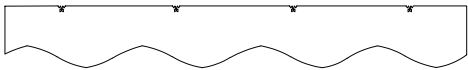
PANEL SPECIFICATIONS

Thickness	1/2"	1"	2"
NRC	0.75	0.95	1.20
Size	48", 95", or custom		
Height	8", 12" or custom		

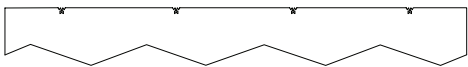
SHAPES



Transit



Ocean



Mountain



Metro

STANDARD COLORS

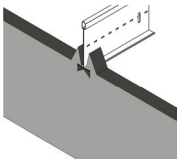


Light Beige, Chestnut, Red, Rose Red, Pink, Orange, Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, Charcoal, Custom Printed Patterns and Wood Grains

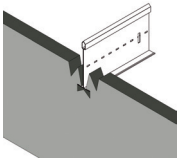
Wood Grains are printed on the surface, edges are solid color as ordered from color selection.

INSTALLATION

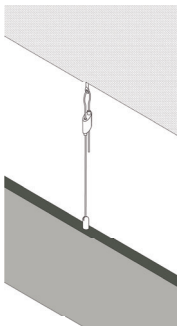
If you have a ceiling grid, F-Snap and T-Snap are available in 1/2" material only.



(TH) T-Snap High



(TL) T-Snap Low



Cable Gripper Kit

SILENTLINE DIMENSIONAL BAFFLES



APPLICATIONS AND USAGE

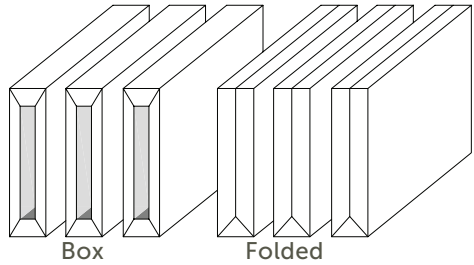
Silentline Dimensional Baffles are great for absorbing sound with a larger volume shape. These dimensional baffles can also be printed with a wood grain to look like an actual beam or be left as a solid color suspended to create a broader linear pattern within the ceiling. Installation options range from being suspended, fastened, or clipped into a ceiling grid. Ideal for:

- Education
- Offices
- Conference Rooms
- Restaurants
- Retail Spaces
- Lobbies

PANEL SPECIFICATIONS

Thickness	Folded	Box
NRC	1.15	1.30
	12" spacing for NRC	

SHAPES



Note: Boxes can have end caps

STANDARD COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange, Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, Charcoal, Custom Printed Patterns and Wood Grains

Wood Grains are printed on the surface, edges are solid color as ordered from color selection.

QUIETGRID CLOUDS



APPLICATIONS AND USAGE

Quietgrid Cloud systems are designed to absorb sound from multiple directions. Suspended with cables, they provide a clean three dimensional design for a more visually dynamic space. Ideal for:

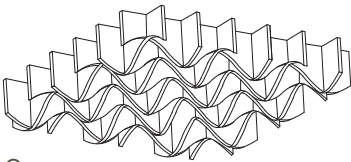
- Offices
- Hotels
- Lobbies
- Conference rooms
- Gathering spaces

PANEL SPECIFICATIONS

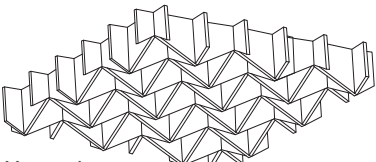
Thickness	1/2"
NRC	0.95 (Type J mount)
Size (Width)	47", 71", 95"
Height	8" & 12"

Note: A 47" Cloud utilizes 6 blades in its structure. A 71" Cloud has 8 blades, and a 95" Cloud has 10 blades.

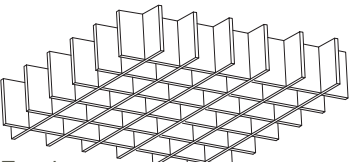
SHAPES



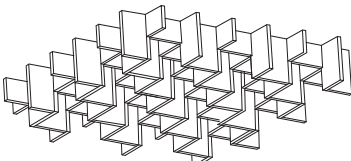
Ocean



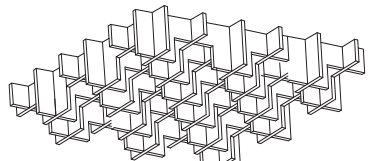
Mountain



Transit



Metro Block



Metro

STANDARD COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange, Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, and Charcoal

CLOUD END OPTIONS



S-Straight



C-Curved



K-Chevron



A-Angled

QUIETGRID
48
SYSTEMS



APPLICATIONS AND USAGE

Quietgrid Systems absorb sound from multiple directions. They are designed for an easy installation into a ceiling grid system. An ideal option for a project seeking a fresh three dimensional ceiling design.

PANEL SPECIFICATIONS

Thickness	1/2"
NRC	0.95 (Type J mount)
Size (Width)	48" x 48"
Height	8" & 12"

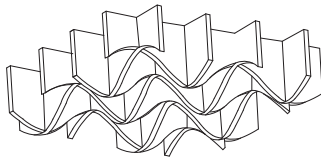
CEILING GRID CONNECTIONS



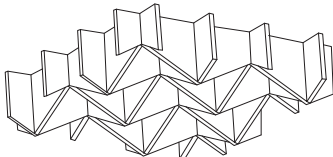
L-Lay in LS-Lift & Shift

Design Patent US D956,540 S

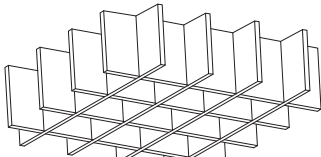
SHAPES



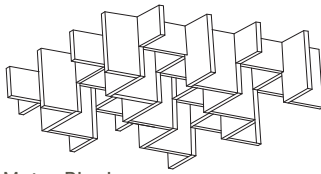
Ocean



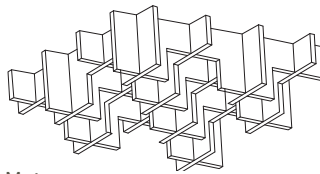
Mountain



Transit



Metro Block



Metro

STANDARD COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange, Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, and Charcoal

SERENICLOUD



APPLICATIONS AND USAGE

Installs to standard suspension sytems. Can be hung independently with cable gripper stainless steel hardware. Shapes can be customized with patterns using v-scoring lines and/or through-cut negative space. These are ideal for:

- Education
- Offices
- Conference Rooms
- Restaurants
- Retail Spaces
- Lobbies

PANEL SPECIFICATIONS

Thickness	1/2"	1"	2"
NRC	0.75	0.90	1.20
Size (Width)	48", 36", or 24"		

Can be ordered in custom sizes and shapes
1" & 2" Thickness cannot be offered as scored patterns.

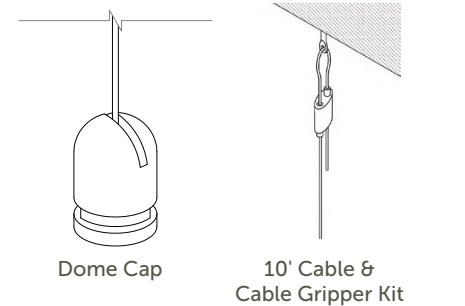
STANDARD COLORS



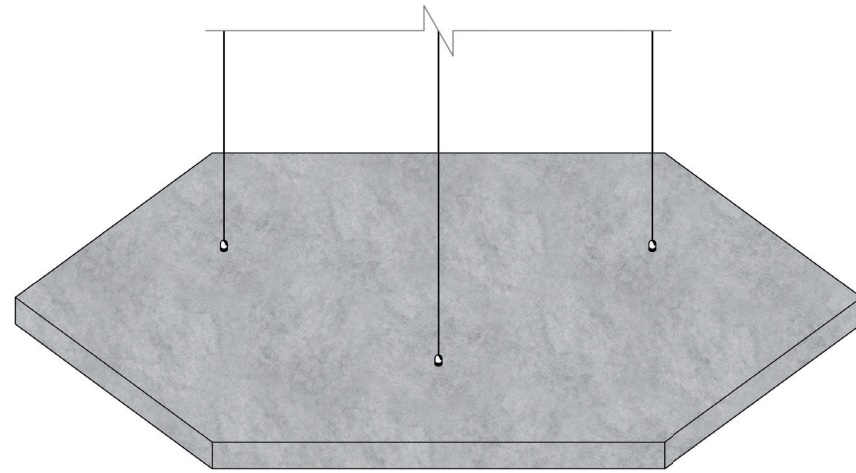
Light Beige, Chestnut, Red, Rose Red, Pink, Orange
Apricot, Yellow, Sky Blue, True Blue, Ocean Blue,
Midnight Blue, Dark Purple, Purple, Seafoam
Green, Moss Green, Green, Dark Green, Black,
White, Tan, Light Grey, Grey, Charcoal, Custom
Printed Patterns and Wood Grains

Wood Grains are printed on the surface, edges are solid
color as ordered from color selection.

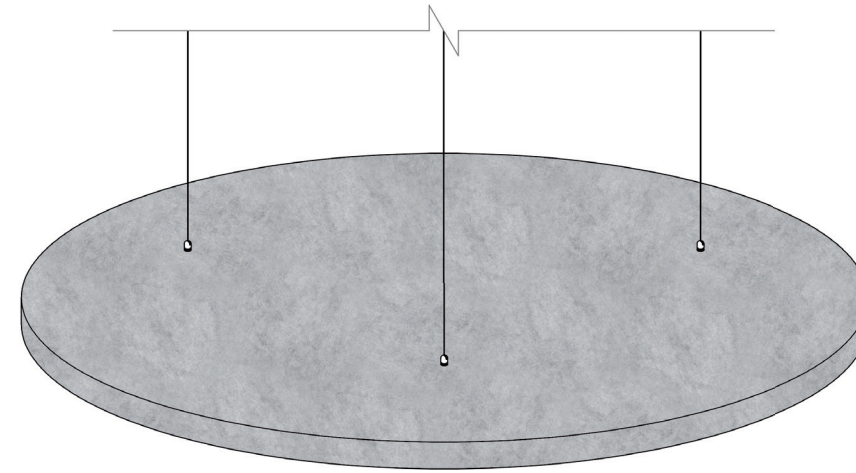
HARDWARE



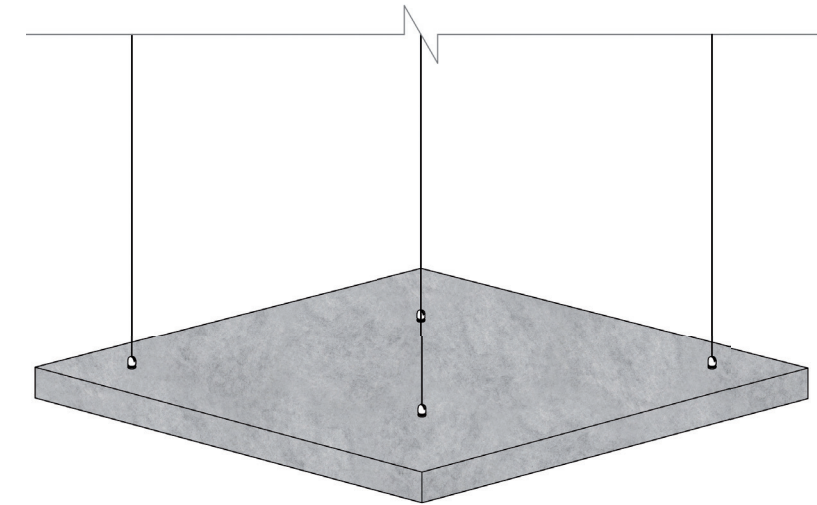
SERENICLOUD



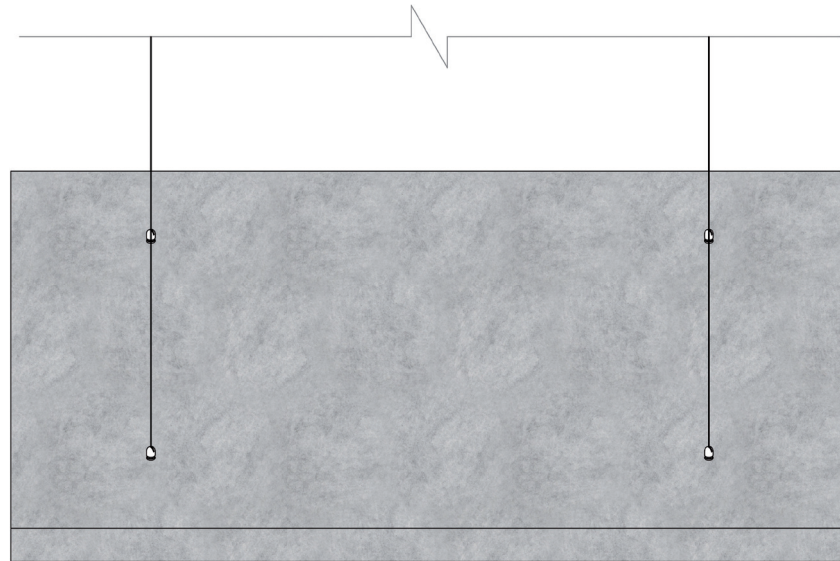
Hexagon Cloud
Width: 48", 36", 24"



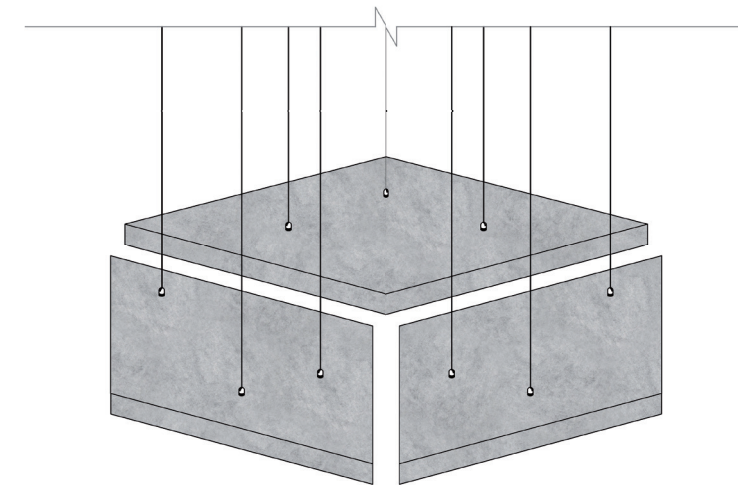
Circle Cloud
Width" 48", 36", 24"



Diamond Cloud
Width: 48", 36", 24"



Square Cloud
Width: 48", 36", 24"

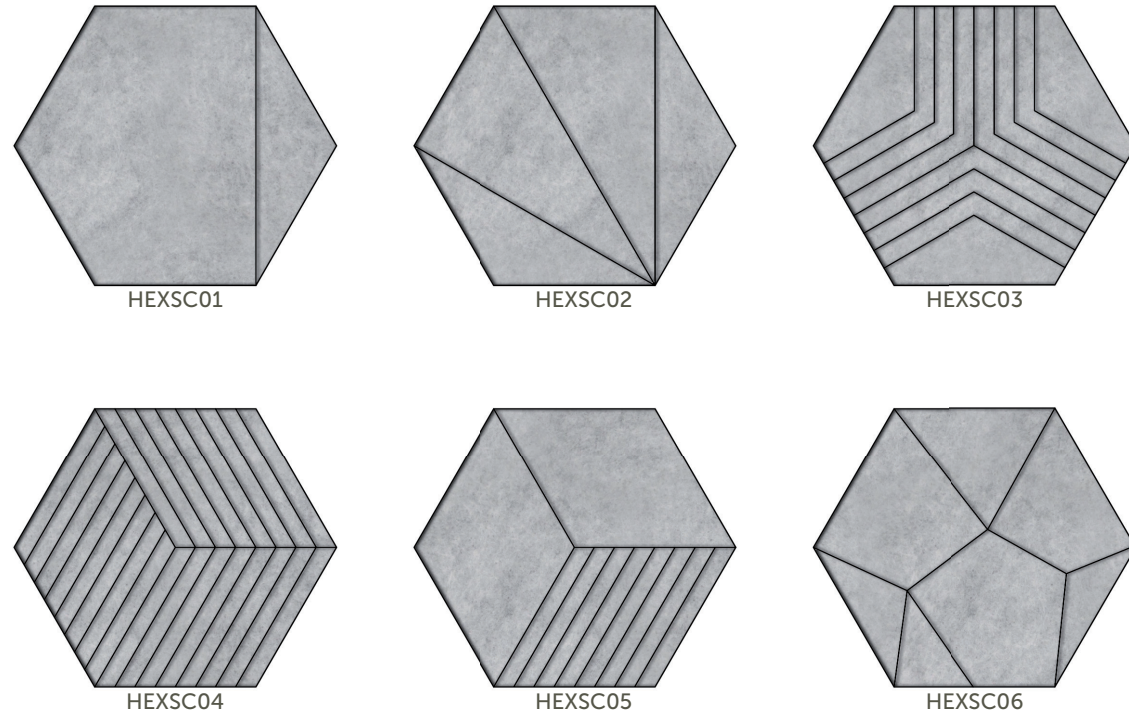


Diamond Cloud:
Hexagonal Installation
OA Width: 56", 42", 28"

Hexagon Designs

All Clouds available with standard sizing at 48", 36", and 24".
Please contact info@fsorb.com for custom sizes or shapes inquiry.

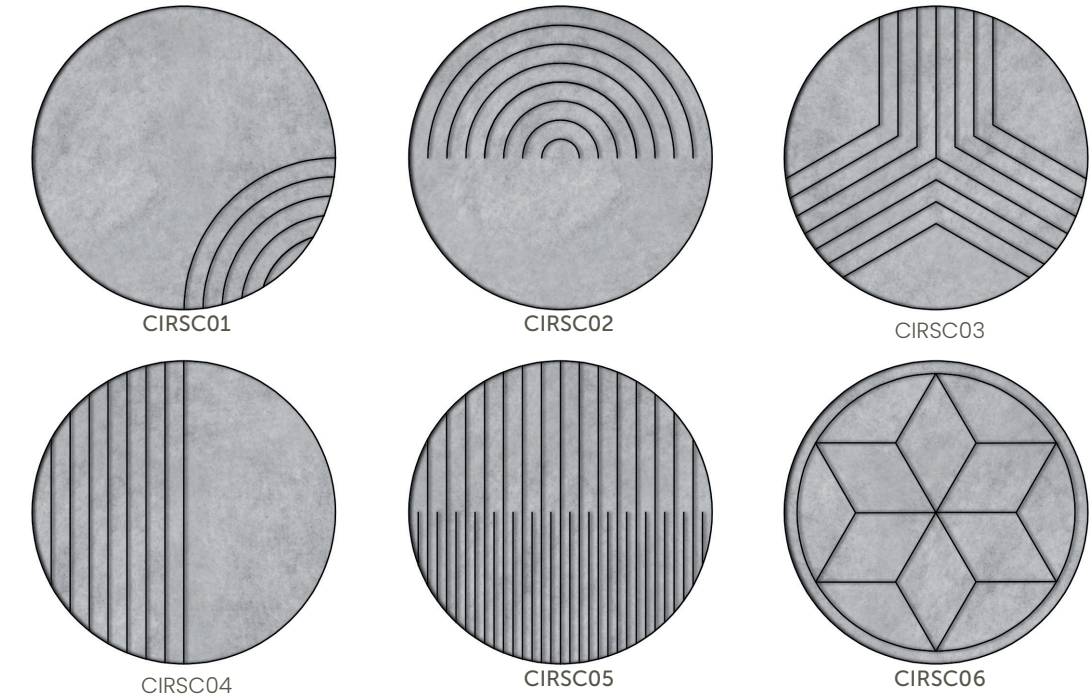
Scored Patterns



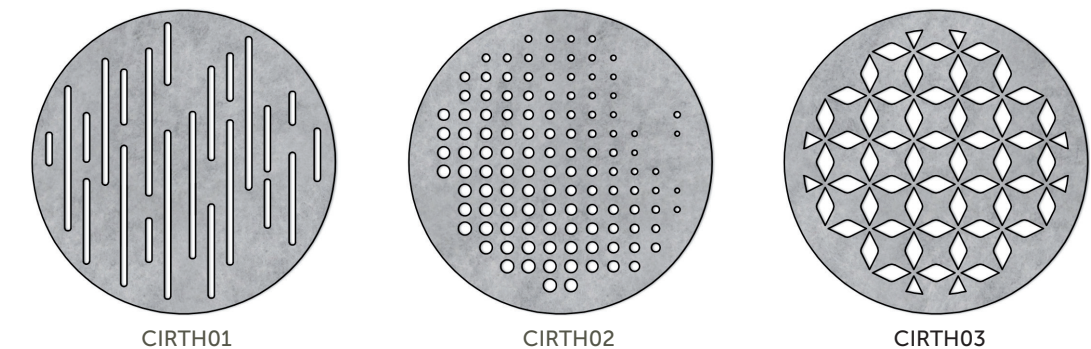
Through-Cut Patterns



Scored Patterns



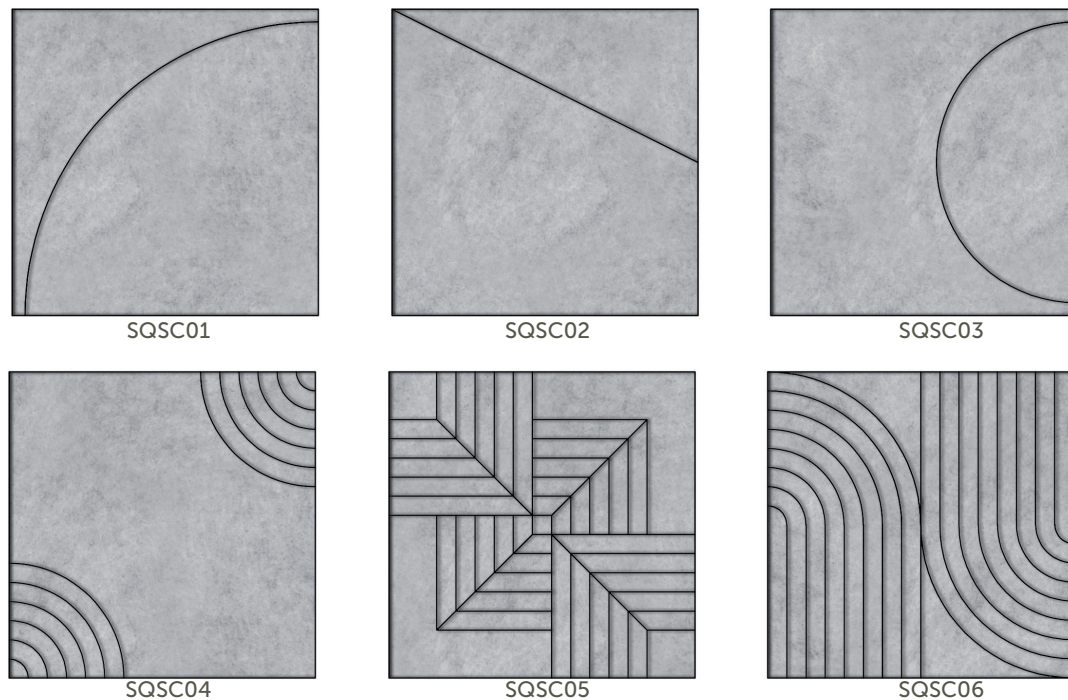
Through-Cut Patterns



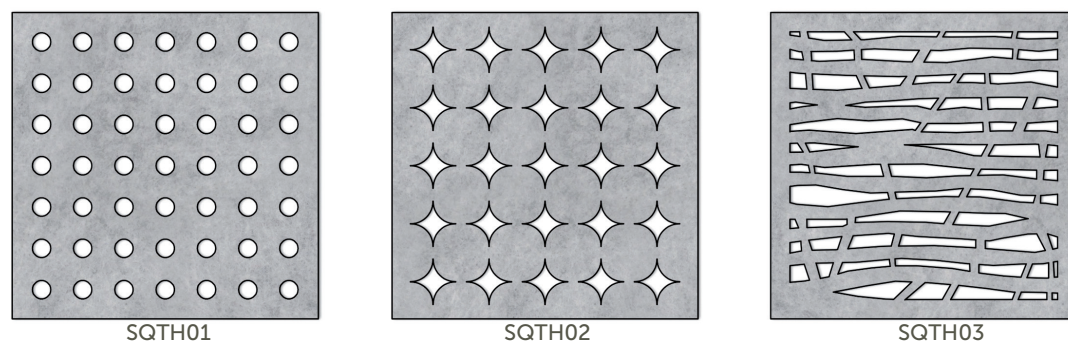
Square Designs

All Clouds available with standard sizing at 48", 36", and 24".
Please contact info@fsorb.com for custom sizes or shapes inquiry.

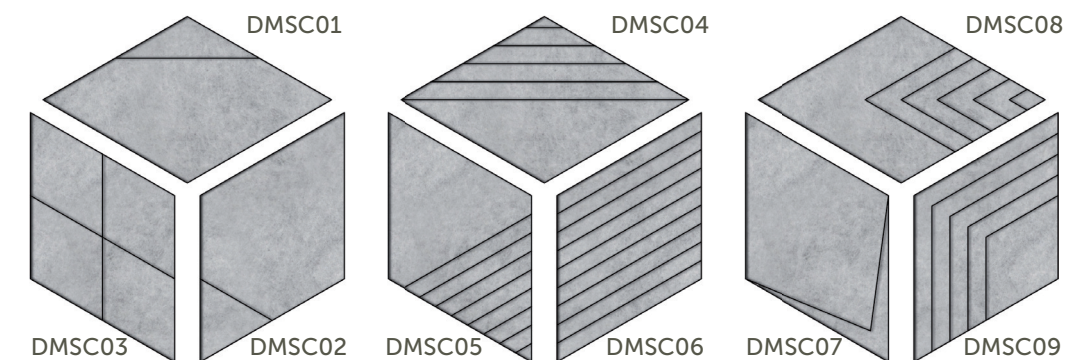
Scored Patterns



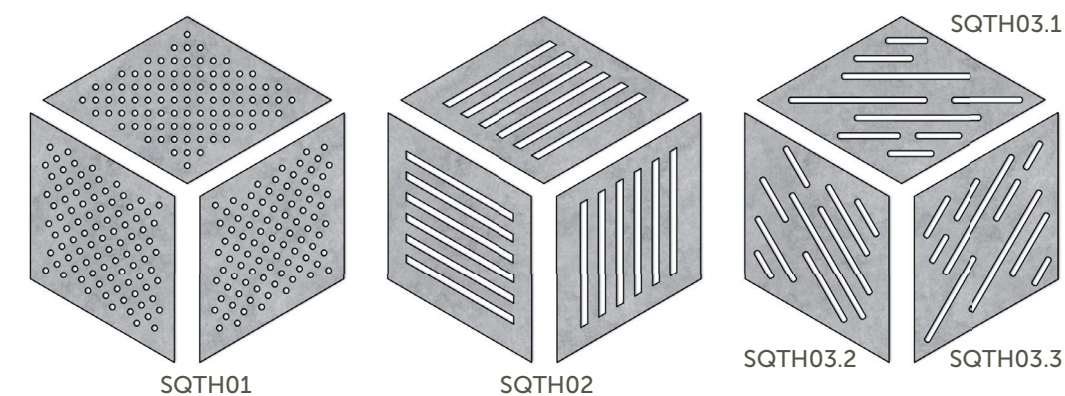
Through-Cut Patterns



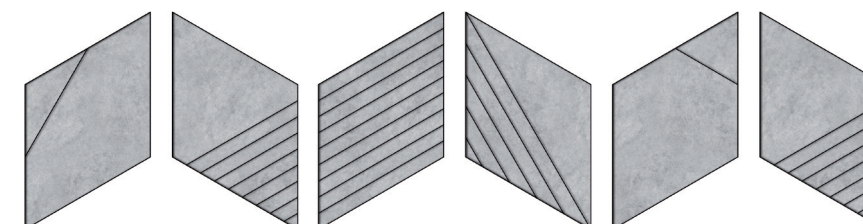
Scored Patterns



Through-Cut Patterns



Chevron Layout Example



SHIKIRI



APPLICATIONS AND USAGE

Installs with FSorb panel hanging bar with cable gripper hardware. Can be hung suspended with one set of hardware or tension hung with two sets of hardware. These are ideal for:

- Education
- Offices
- Conference Rooms
- Retail Spaces
- Lobbies
- Coworking

PANEL SPECIFICATIONS

Thickness	1/2"
NRC	0.75
Size	48" x 96"

Can be ordered in custom sizes and patterns
Different panel designs have different NRC ratings based on pattern

Tiered pricing available through info@fsorb.com. Tier 1 is our lowest, basic pricing, up to our highest pricing at Tier 3.

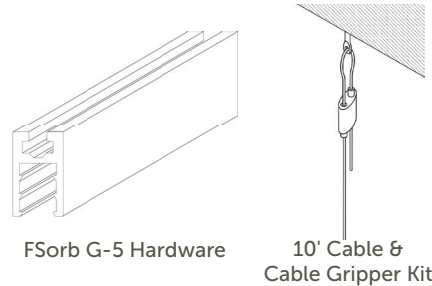
STANDARD COLORS



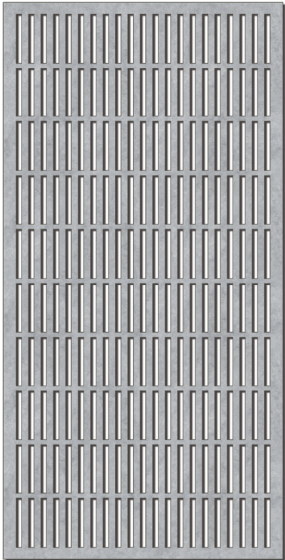
Light Beige, Chestnut, Red, Rose Red, Pink, Orange, Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, Charcoal, Custom Printed Patterns and Wood Grains

Wood Grains are printed on the surface, edges are solid color as ordered from color selection.

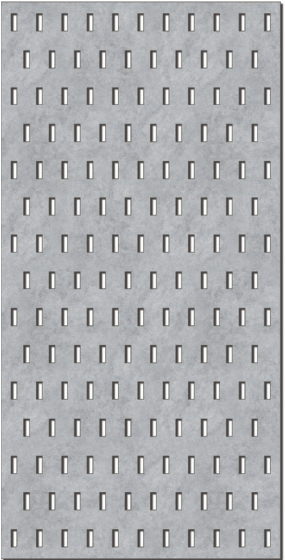
HARDWARE



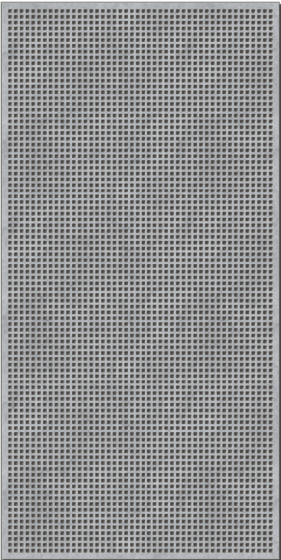
Repeatable Screens



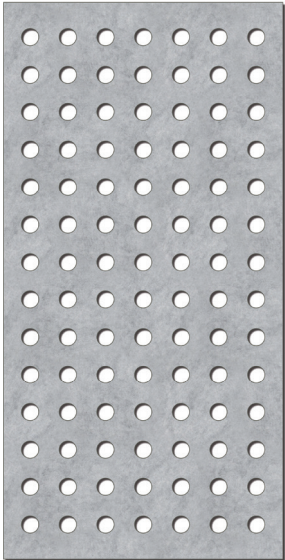
100 - TWIG
TIER 2



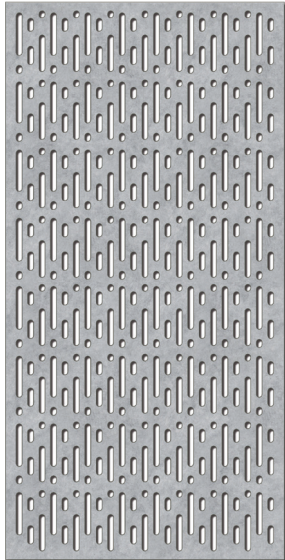
101 - SEED
TIER 2



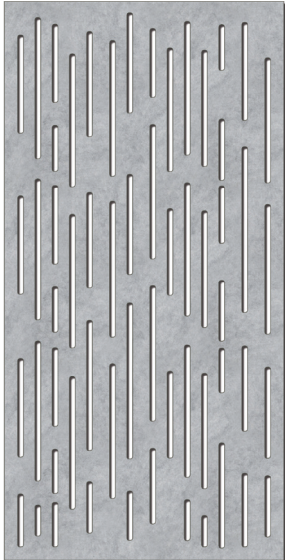
102 - FURROW
TIER 3



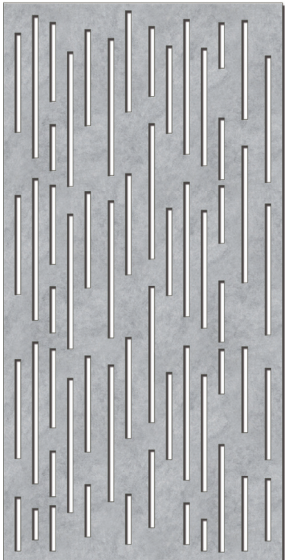
200 - SUNBEAM
TIER 1



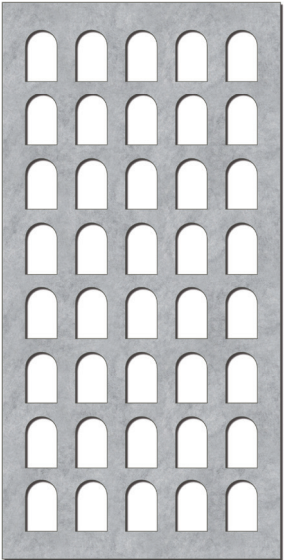
400 - RAIN
TIER 2



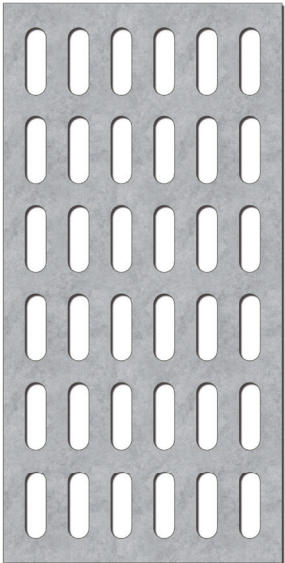
401 - CURRENT
TIER 1



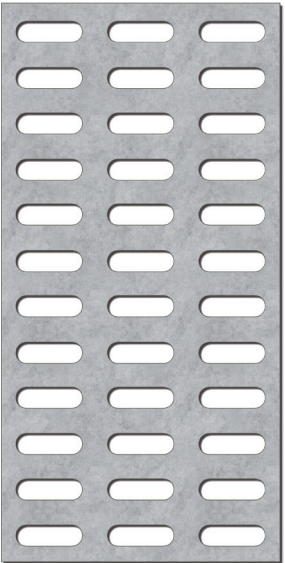
402 - RHYTHM
TIER 1



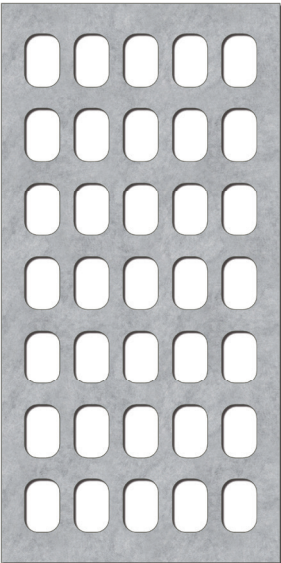
800 - HILLSIDE
TIER 1



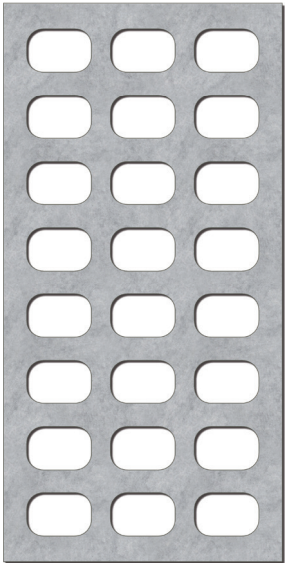
300 - GROVE
TIER 1



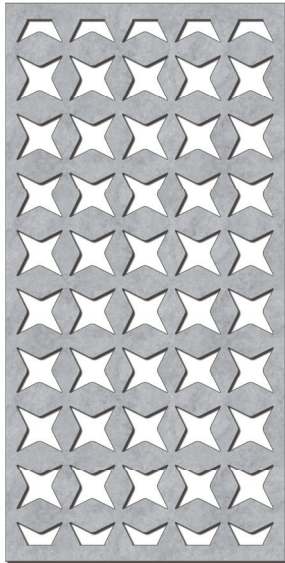
301 - PATH
TIER 1



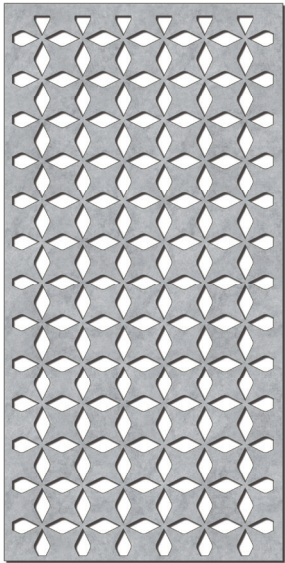
302 - STONE
TIER 1



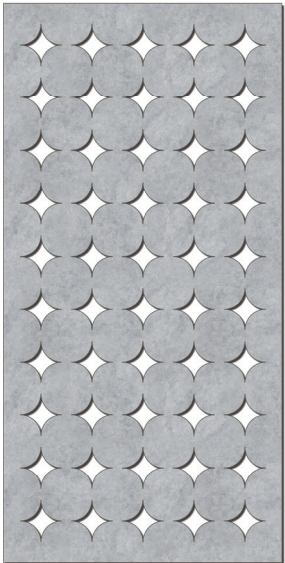
303 - NEST
TIER 1



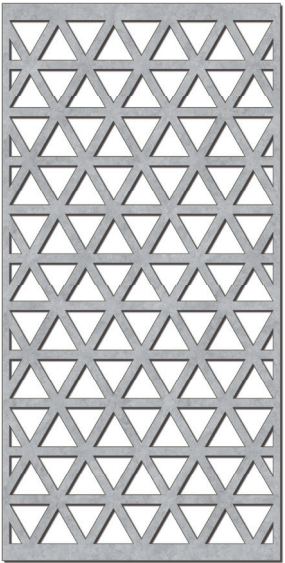
500 - CONSTELLATION
TIER 2



501 - TWINKLE
TIER 2

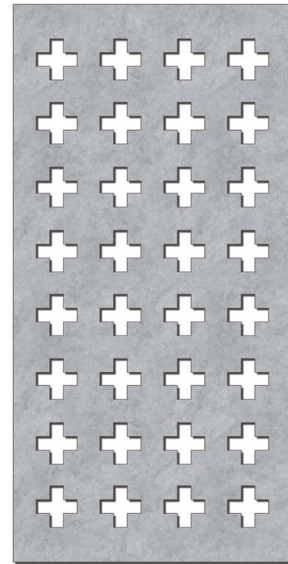


502 - NOVA
TIER 2

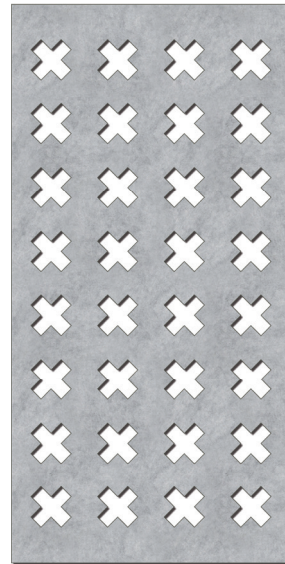


600 - TESSELATE
TIER 2

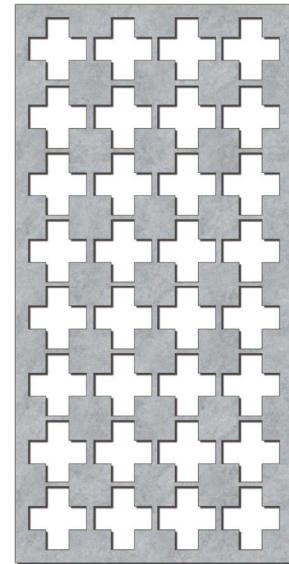
Repeatable Screens



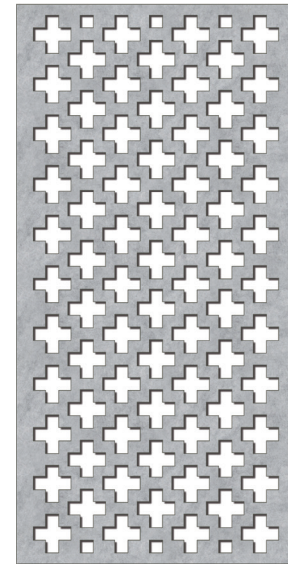
700 - CRYSTAL
TIER 1



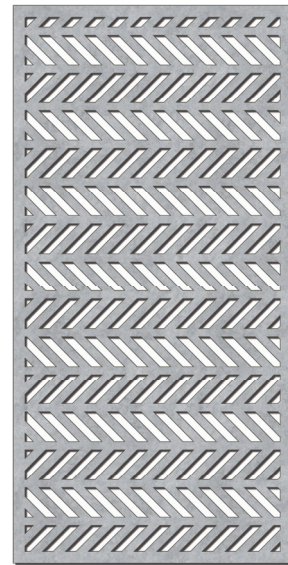
701 - GEM
TIER 1



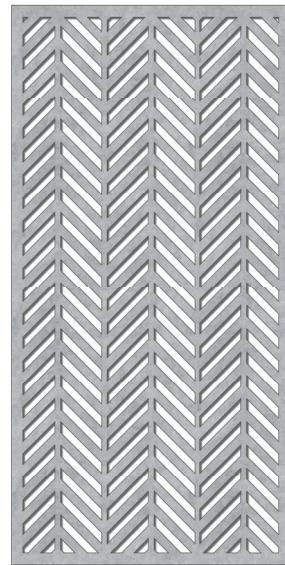
702 - INLET
TIER 1



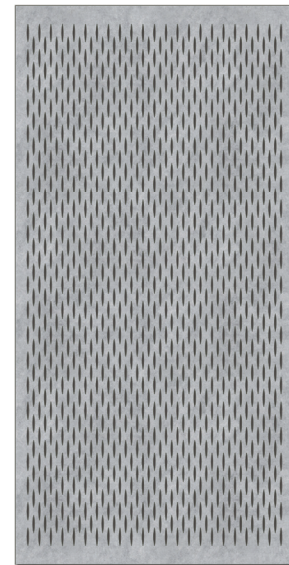
703 - PYRITE
TIER 2



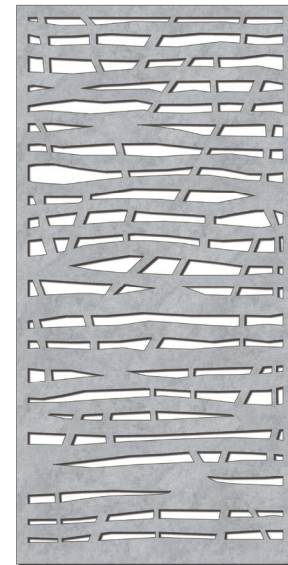
1101 - WAVE
TIER 2



1102 - PEAK
TIER 2

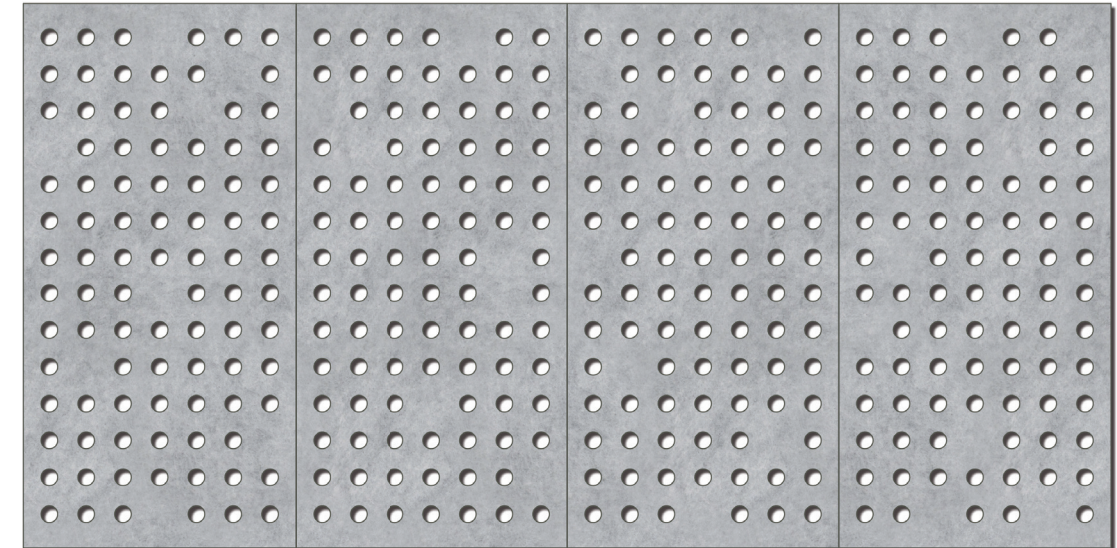


1200 - COCOON
TIER 3

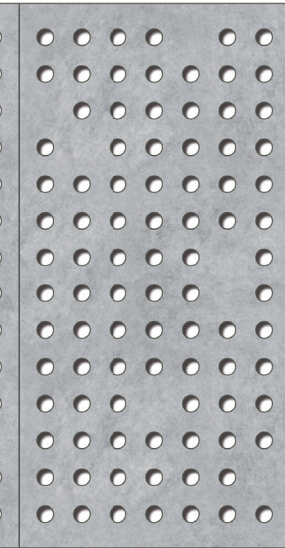


1300 - FRACTURE
TIER 2

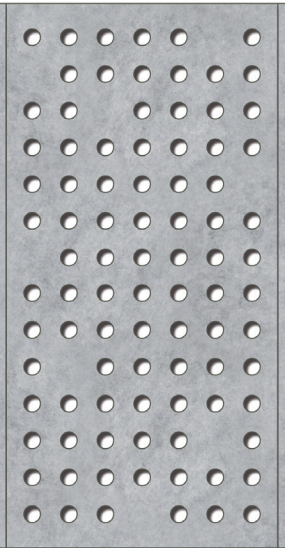
SPECKLED SUNBEAM



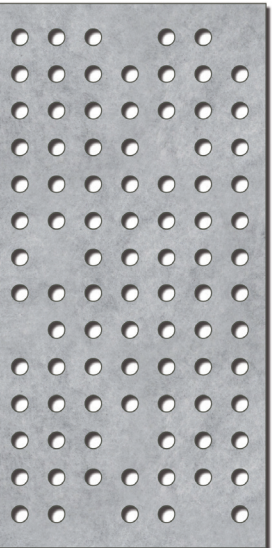
SS01
TIER 1



SS02
TIER 1

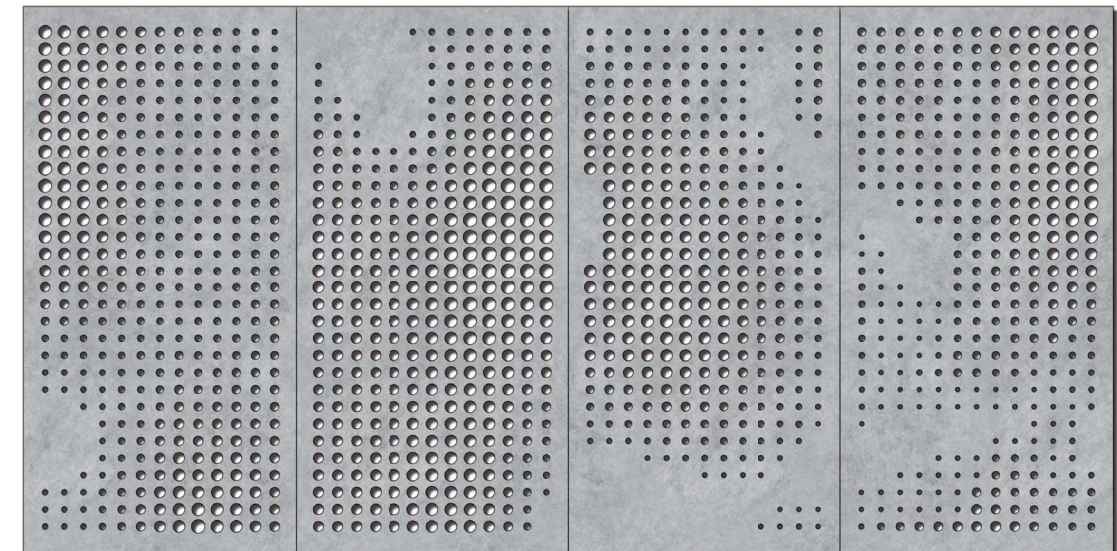


SS03
TIER 1

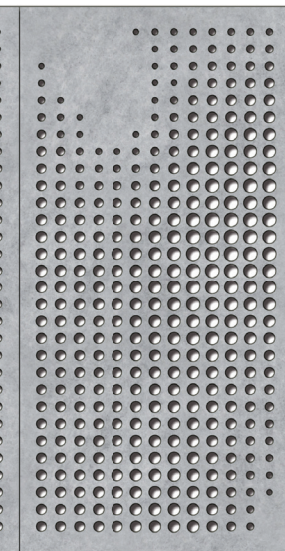


SS04
TIER 1

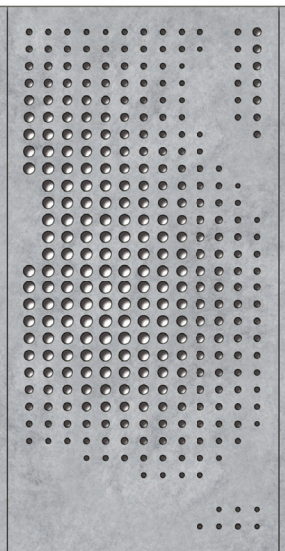
FLOW



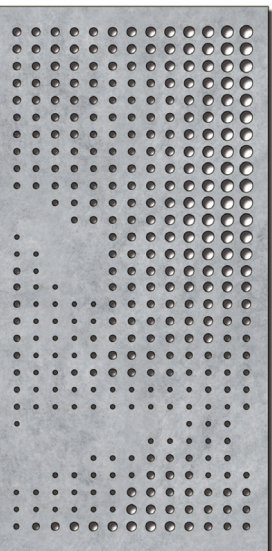
FLO1
TIER 2



FLO2
TIER 2



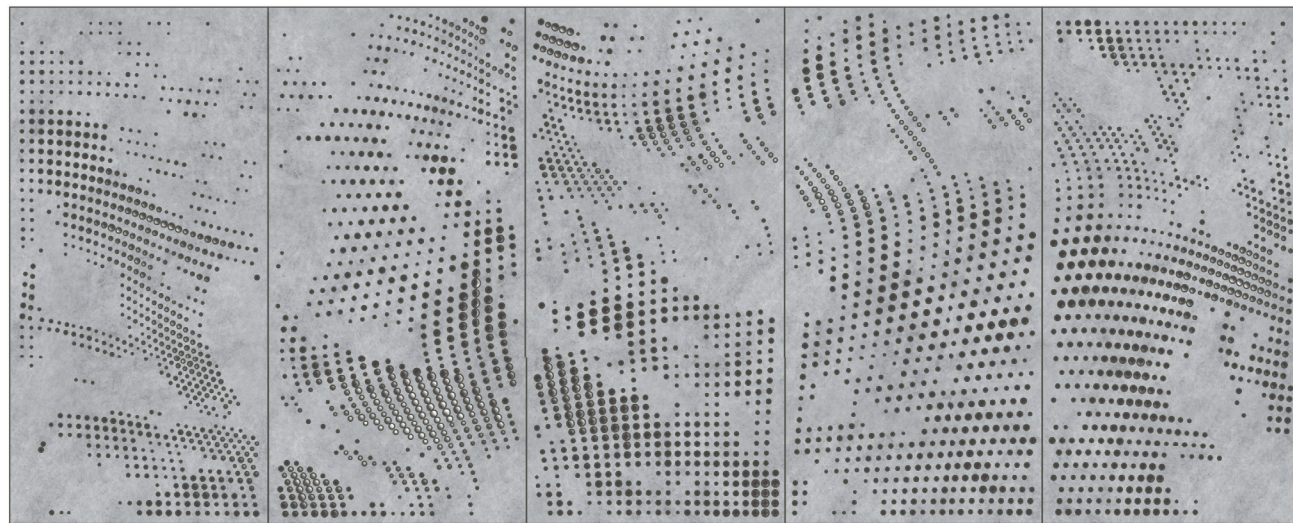
FLO3
TIER 2



FLO4
TIER 2

Seamless Mural Screens

STREAM



ST01
TIER 2

ST02
TIER 2

ST03
TIER 2

ST04
TIER 2

ST04
TIER 2

PUDDLE

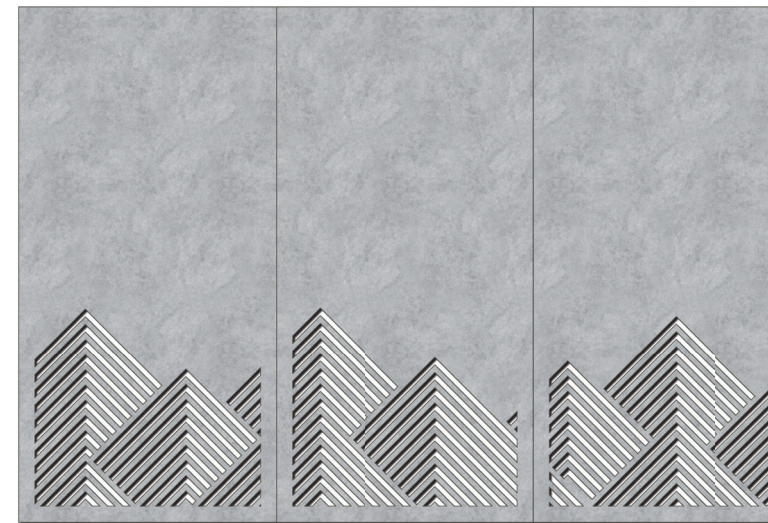


PD01
TIER 3

PD02
TIER 3

PD03
TIER 3

MOUNTAIN RANGE



MR01
TIER 2

MR02
TIER 2

MR03
TIER 2

FOREST FLOOR



FF01
TIER 3

FF02
TIER 3

FF03
TIER 3

FF04
TIER 3

FF05
TIER 3

FF06
TIER 3

TAIRU



APPLICATIONS AND USAGE

Installs with commerical acoustic wall applications. Create a custom pattern by mixing and matching based on one consistent dimension. These are ideal for:

- Education
- Offices
- Conference Rooms
- Coworking
- Recording Studios
- Restaurants / Bars
- Gaming

PANEL SPECIFICATIONS

Thickness	1/2"
NRC	0.50
Size	6", 12", 24"

Can be ordered in custom sizes and patterns
Standard tiles come with a half depth 45 degree bevel. Also available as a straight cut with reveal.

STANDARD COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange
Apricot, Yellow, Sky Blue, True Blue, Ocean Blue,
Midnight Blue, Dark Purple, Purple, Seafoam
Green, Moss Green, Green, Dark Green, Black,
White, Tan, Light Grey, Grey, Charcoal, Custom
Printed Patterns and Wood Grains

Wood Grains are printed on the surface, edges are solid color as ordered from color selection.

Tairu



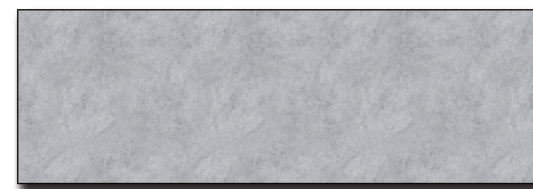
Vertical
Rectangle
01



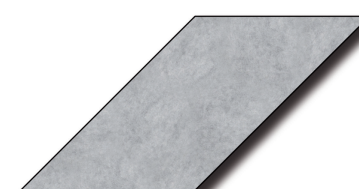
Square
02



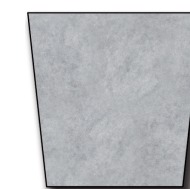
Horizontal
Rectangle
03



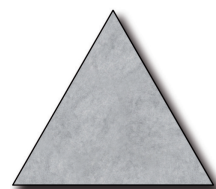
Oblong
Rectangle
04



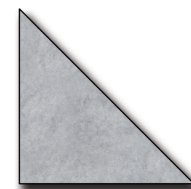
Parallelogram
05



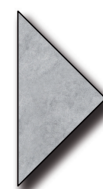
Trapezoid
06



Equilateral
Triangle
07



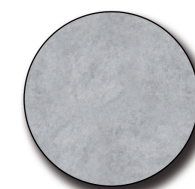
Right
Triangle
08



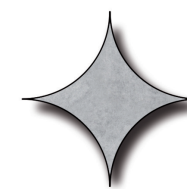
Isoceles
Triangle
09



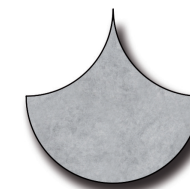
Obtuse
Triangle
10



Circle
11



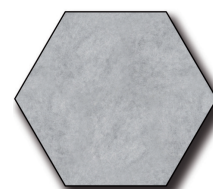
Nova
12



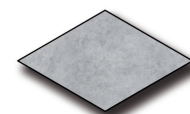
Scale
13



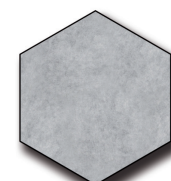
Shingle
14



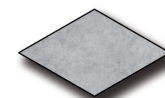
Flat to Flat
Hexagon
15



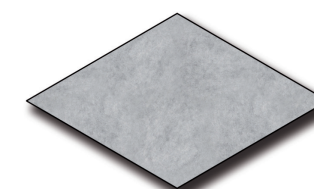
Flat to Flat
Diamond
15.01



Point to Point
Hexagon
16



Point to Point
Diamond
16.01



Full Height
Diamond
17

ISOLARE



APPLICATIONS AND USAGE

Isolare is a three part Desktop Acoustical Screen designed to absorb sound and create a more desirable feel for the office. Isolare can help make virtual meetings much more enjoyable. Isolare will help you to be heard clearly, and help you to hear others. It stores flat and has a fully tackable surface.

- Commercial Offices
- Home Offices
- Coworking
- Work Stations

PANEL SPECIFICATIONS

Thickness	1/2"
NRC	0.75
Height	15" or 23"
Width	35", 47", or 71"

Can be ordered in custom sizes and patterns

STANDARD COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange
Apricot, Yellow, Sky Blue, True Blue, Ocean Blue,
Midnight Blue, Dark Purple, Purple, Seafoam
Green, Moss Green, Green, Dark Green, Black,
White, Tan, Light Grey, Grey, and Charcoal



APPLICATIONS AND USAGE

The 1/2" is ideal for creating custom shapes, cutouts, and unique architectural forms. It has a great tackable surface and is a lower cost solution than fabric wrapped panels. Works well with spaces requiring minor acoustic correction. It is ideal for:

- Offices
- Universities
- Retail spaces

PANEL SPECIFICATIONS

Thickness	1/2"
NRC	0.50
Size	48" x 96"

Can be cut to fit onsite or ordered in custom sizes

STANDARD COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, Charcoal, Custom Printed Patterns and Wood Grains

Wood Grains are printed on the surface, edges are solid color as ordered from color selection.

1"



APPLICATIONS AND USAGE

As the most commonly specified product, the 1" has a high NRC to thickness ratio with a low price point. It is great for spaces requiring acoustic correction and is excellent for absorbing voice ranges. It is ideal for:

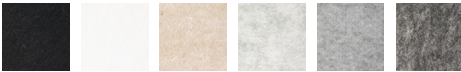
- Industrial/Manufacturing
- Gymnasiums
- Natatoriums
- Offices
- Schools
- Universities
- Restaurants

PANEL SPECIFICATIONS

Thickness	1"
NRC	0.70
Size	48" x 96"

Can be cut to fit onsite or ordered in custom sizes.
Premium color orders require a 100 sheet minimum.

STANDARD COLORS



Black, White, Tan, Light Grey, Grey, and Charcoal

Standard Colors typically ship within 3-5 business days

PREMIUM COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange, Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, and Charcoal

Call us for leadtime on Premium Colors - 100 sheet minimum (typically ship within 8-10 weeks)

2"



APPLICATIONS AND USAGE

The highest NRC of the FSorb product line, the 2" is often used for baffles, and unique sound absorption requirements. It is also a great tackable surface and lower cost solution than fabric wrapped panels. It is ideal for:

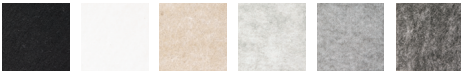
- Auditoriums
- Office
- Sound Rooms
- Natatoriums
- Gymnasiums

PANEL SPECIFICATIONS

Thickness	2"
NRC	1.05
Size	48" x 96"

Can be cut to fit onsite or ordered in custom sizes.
Premium color orders require a 100 sheet minimum.

STANDARD COLORS



Black, White, Tan, Light Grey, Grey, and Charcoal

Standard Colors typically ship within 3-5 business days

PREMIUM COLORS



Light Beige, Chestnut, Red, Rose Red, Pink, Orange, Apricot, Yellow, Sky Blue, True Blue, Ocean Blue, Midnight Blue, Dark Purple, Purple, Seafoam Green, Moss Green, Green, Dark Green, Black, White, Tan, Light Grey, Grey, and Charcoal

Call us for leadtime on Premium Colors - 100 sheet minimum (typically ship within 8-10 weeks)

EPIQ INDUSTRIAL ABSORBER



APPLICATIONS AND USAGE

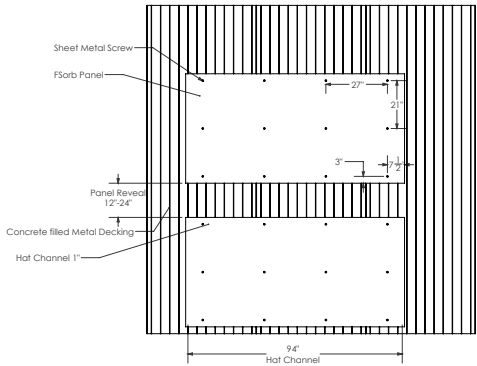
These are the most economical means of protecting employee hearing within the manufacturing or industrial setting, helping to eliminate costly hearing loss L&I claims.

- Manufacturing
- Industrial
- Distribution Centers

PANEL SPECIFICATIONS

Thickness	1 1/8"
NRC	1.00
Size	48" x 96"

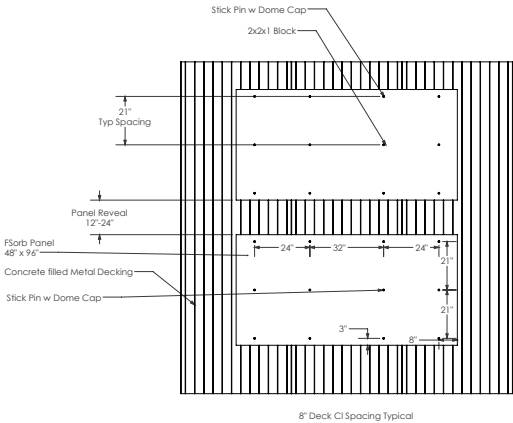
INSTALLATION



STANDARD COLORS



White



EXTERIOR
ACOUSTIC
PANELS



APPLICATIONS AND USAGE

These panels have many benefits - they are UV stable, fully weather resistant, no facings are required, cleanable, and come with a 10 year warranty. They are ideal for absorbing low frequencies such as:

- Manufacturing
- Industrial
- Distribution Centers
- Transportation
- Chillers
- Swimming Pools
- Generators

PANEL SPECIFICATIONS

Thickness	2"
NRC	0.80
Size	48" x 96"

STANDARD COLORS



Lt. Grey and Tan

CUSTOM SHAPING

You are the design genius and we are the expert manufacturer. Together there is unlimited potential within our 48" x 96" sheet size. Our custom shapes division is able to create unique elements to address acoustic issues in a beautiful and creative way. We can work from a sketch, photo, CAD drawing, or Revit file. to build what you have imagined. Our goal is to give you the ultimate freedom in designing with FSorb materials. Whether it be a unique bevel, custom cut shapes, patterns cut out of a panel, or a 3D element with an integrated light fixture, we like creating new things with you.

Acoustic elements increase the extent to which sound waves hitting them are absorbed, in order to reduce their intensity and echo.

FSorb is an easy material to cut and sculpt into shapes that re-define space while absorbing sounds that otherwise impact the nervous system.

CNC CUTTING EQUIPMENT



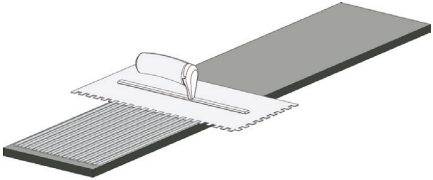
At FSorb, we can cut, inlay, or score almost anything. Share your ideas and we'll make it happen—we are also happy to provide creative solutions.

INLAY, SCORING, & SCREENS



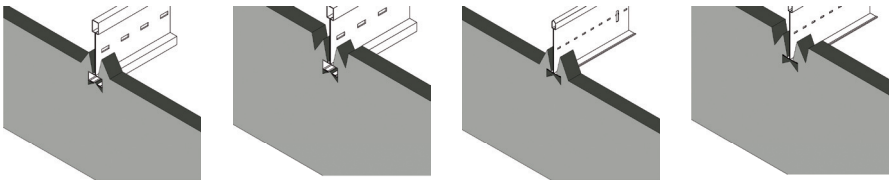
INSTALL OPTIONS

COMMERCIAL FLAT SURFACE ATTACHMENT

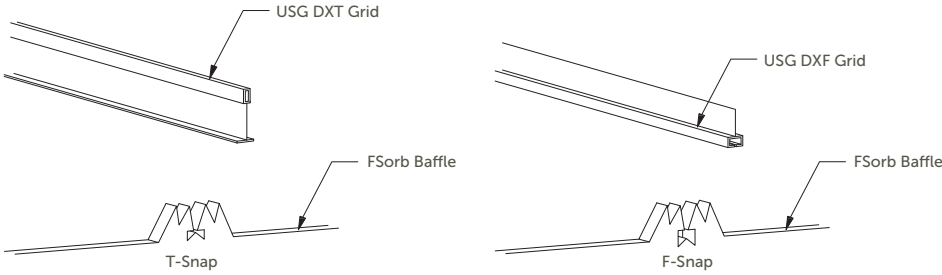


Direct apply with Acoustic Adhesive using 1/4" square notch trowel (confirm surface meets adhesive standards)

PATENTED FSORB ATTACHMENT OPTIONS

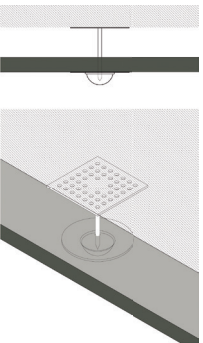


(FH) F-Snap High (FL) F-Snap Low (TH) T-Snap High (TL) T-Snap Low

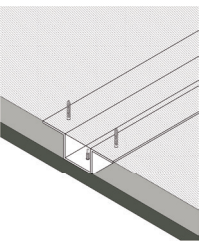
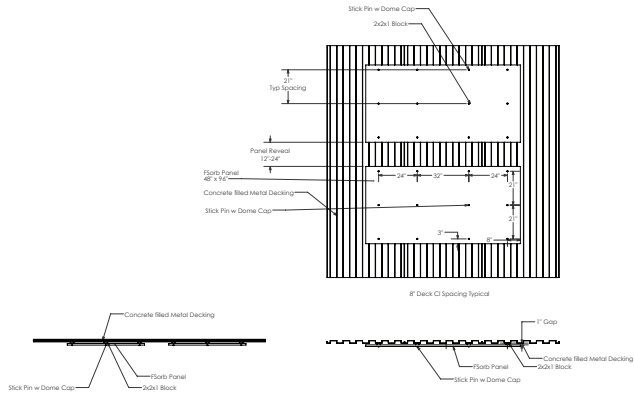


- The F-Snap is for a Bolt Slot grid system
- The T-Snap can be modified to fit 9/16" or 15/16" grid.

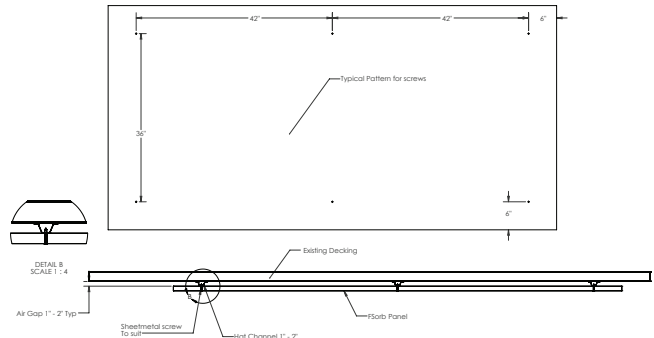
OTHER ATTACHMENT OPTIONS



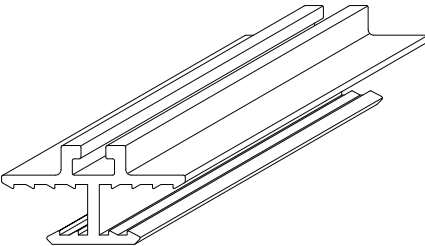
Stick Pins



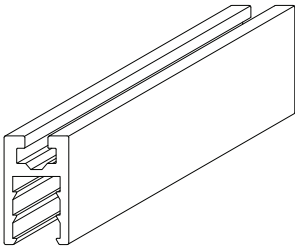
Hat Channel



FSORB T-5 HARDWARE



FSORB G-5 HARDWARE



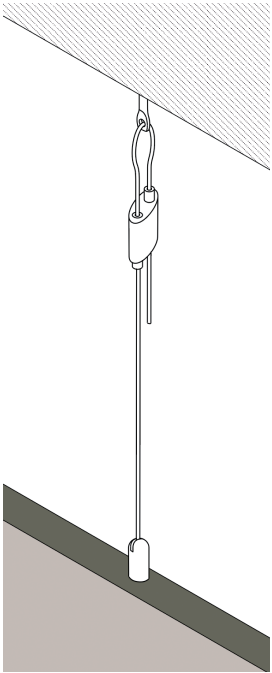
CG



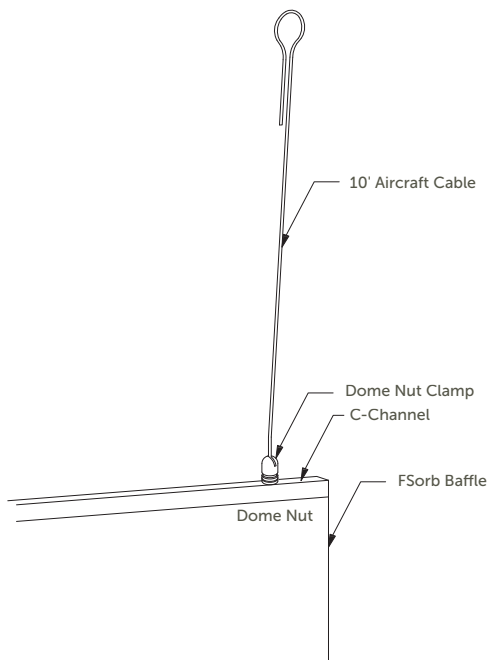
INSTALL OPTIONS

INSTALL OPTIONS

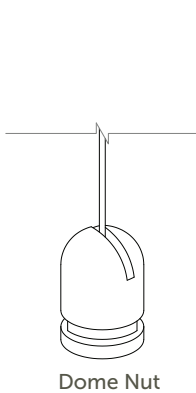
C-CHANNEL & CABLE GRIPPER KIT



Dome Nut & Cable Gripper Kit



Dome Nut, Cable Gripper Kit, & C-Channel Installation



Dome Nut



Dome Nut Installation



Cable Gripper Kit Installation

PRODUCT INSTALLATION

FSorb can be cut with a straight edge and a sharp utility knife, insulation knife, table saw or otherwise.

FSorb can be installed directly to a surface with the use of low VOC adhesives, mechanical clips, waferhead screws, staples or "buttons."

FSorb can be used as an acoustical core in stretched fabric systems. Mechanically fasten the core to the substrate. Low VOC adhesives may additionally be used. The high density face is installed outwards to the surface of the application. Fabrics can then be stretched within the tensioning tracks over the FSorb core.

FSorb can be furred off the wall or ceiling with the use of a hat channel or similar to create an air space behind it and increase NRC value.

FSorb can be installed into ceiling suspension systems in sizes up to 48" x 48" or 24"x96".

FSorb recommends a minimum of 6 attachment points on a 48" x 96" panel. Insert fasteners no more than 8" from the panel edges. Do not exceed 42" between fasteners for installations direct to walls and ceilings. Some panels may need more fasteners if material sagging is excessive.

FSorb is created with heat and pressure, so the thickness within the panel can vary slightly. We recommend that reveals between panels be considered. The installers can also carefully install the panels to minimize variations in thicknesses.

FSorb can be cleaned and maintained as follows: brush off, blow off with compressed air, clean by using a dry cleaning sponge, damp white cloth or similar. Heavy soiling or stains may require a cleaner similar to Resolve Carpet Cleaner or Spot Shot which should be used as directed. Heavily damaged panels should be replaced.

COMMON QUESTIONS

Which panel thickness is best for my project?

The 1" thick FSorb panels are most commonly specified for spaces requiring acoustic treatment. Spaces with extreme sound issues and/or limited installation space may benefit from the 2" thick FSorb panels. Our ½" thick FSorb panels work well when a 1" or 2" panel is too thick for applications in tight areas.

What kind of adhesive do I use to direct apply FSorb?

We recommend using an acoustic tile adhesive or general purpose construction adhesive on clean, dry surfaces with no moisture or peeling paint. (Tightbond acoustic ceiling tile adhesive, 1/4" square notch trowel.)

Can FSorb panels be glued to concrete?

It is not recommended that FSorb be glued to painted concrete or to new concrete without moisture testing that meets adhesive manufacturer requirements. Additional prep to the concrete surface may be required.

Which FSorb panels are used for tackable surfaces?

All FSorb products have a surface that can be used for push pins. The ½" is designed specifically for high use tackable panels.

Will Noise Reduction Coefficient (NRC) vary from surface mounted to suspended?

Yes. A suspended installation will increase the NRC rating by 20% over a surface mount installation.

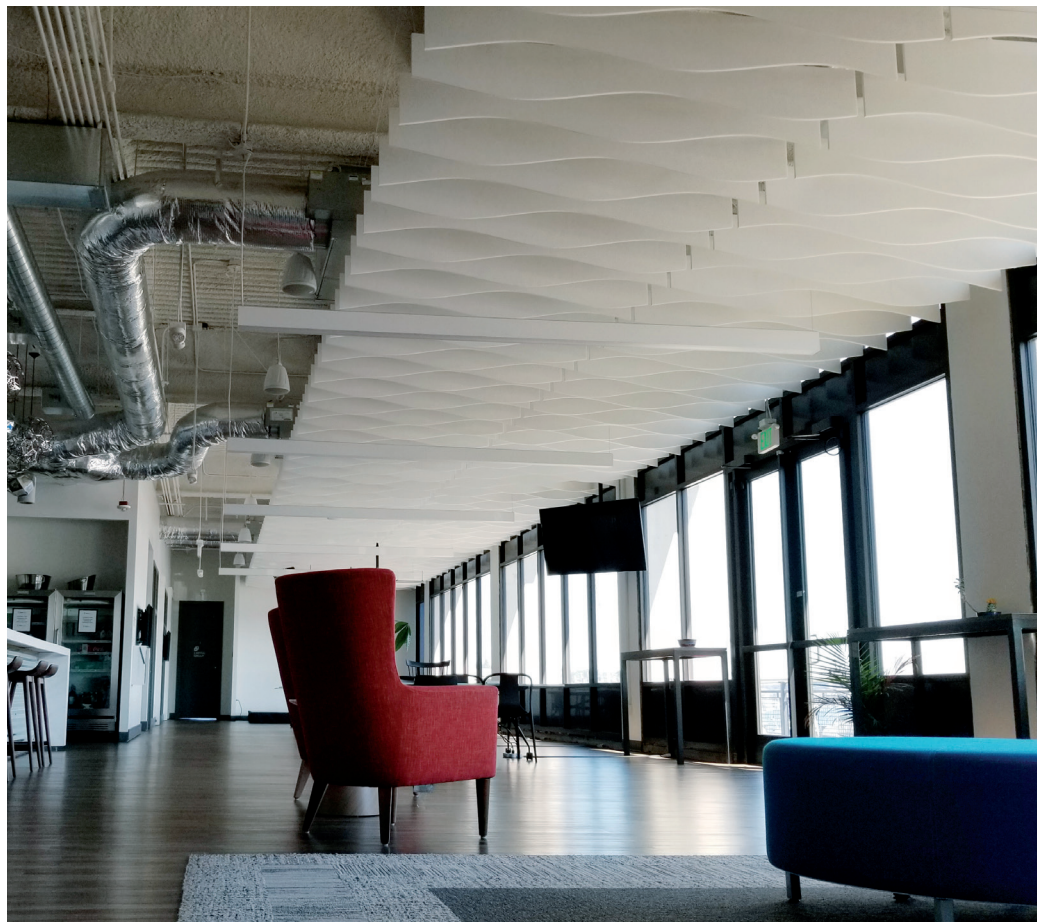
Can FSorb panels replace tile in a grid system?

Certainly, Fsortb panels can be cut for integration into a grid system. To maintain structural integrity and prevent potential sagging concerns, we recommend limiting the panel cuts to no more than 16 square feet per section. This guideline ensures optimal performance and stability within the grid system.

Can FSorb be cut in the field?

Indeed, Fsortb can be effectively cut using a blade specifically engineered for plastic cutting purposes. A retractable utility knife or a table saw, can yield a precise and immaculate factory cut. Alternatively, implementing a blade with numerous teeth positioned in reverse can prevent the disruption of fibers within the panel. This approach similarly applies to creating circular cutouts, wherein the utilization of a wood hole saw in reverse rotation via a hand drill ensures a smooth and accurate circle cutout.







IIDA
SHOWROOM & BOOTH
DESIGN COMPETITION #3
WINNER

 **Sorb®**

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