Audimute®
DIY eco-C-tex®

AUDIMUTE®
sound management solutions

DIY eco-C-tex Acoustic Panels

DIY ECO-C-TEX ACOUSTIC PANELS

Functional DIY Acoustic Panels

Audimute DIY eco-C-tex products such as the DIY Acoustic Panels are made with our eco-C-tex sound absorption material, which consists of a blend of recycled cotton and cellulose fibers, the majority of which are post-consumer recycled newspaper. All of our sound absorption products use eco-C-tex as the sound absorption core material.

These Acoustic Panels are a great solution for the DIYer who wants to create their own acoustic solution. The Panels have a thickness of 1.5" +/- 0.25" (NRC 0.95 - see page 16 for lab test results), are available in 10 sizes and two edge styles, straight and beveled. Custom sizes are available upon request.

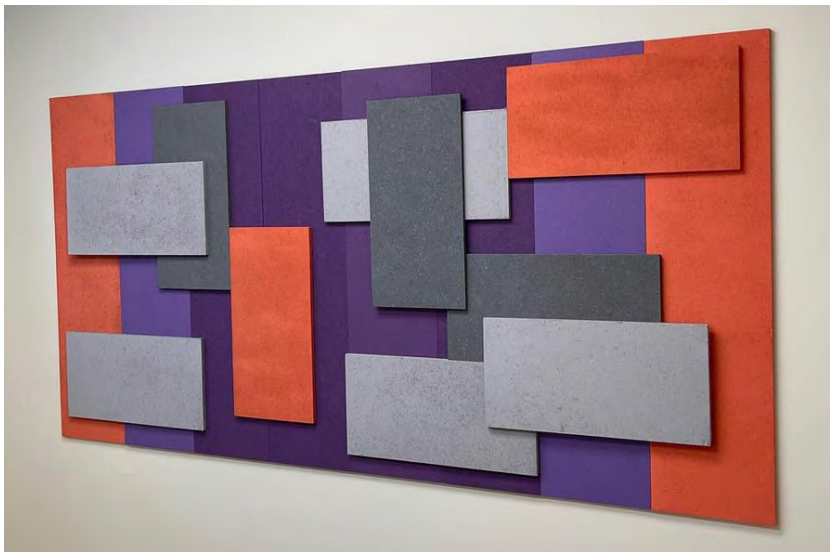
Audimute's suite of sound absorption product such as Acoustic Panels and the other products on following pages can be used on walls (including angled surfaces) and ceilings. Some products such as Audimute Strata® are flexible enough to be used on curved surfaces.

Due to the variations in recycled material, each DIY eco-C-tex Acoustic Panel may vary in color tones, but will typically have a neutral speckled light grey appearance. We recommend finishing the Panels with your choice of paint and color(s), or facing or wrapping them with an acoustic fabric. The Panel can be cut if needed with a tool such as a utility knife.

Straight

or

Beveled Edges



DIY eco-C-tex Acoustic Shapes

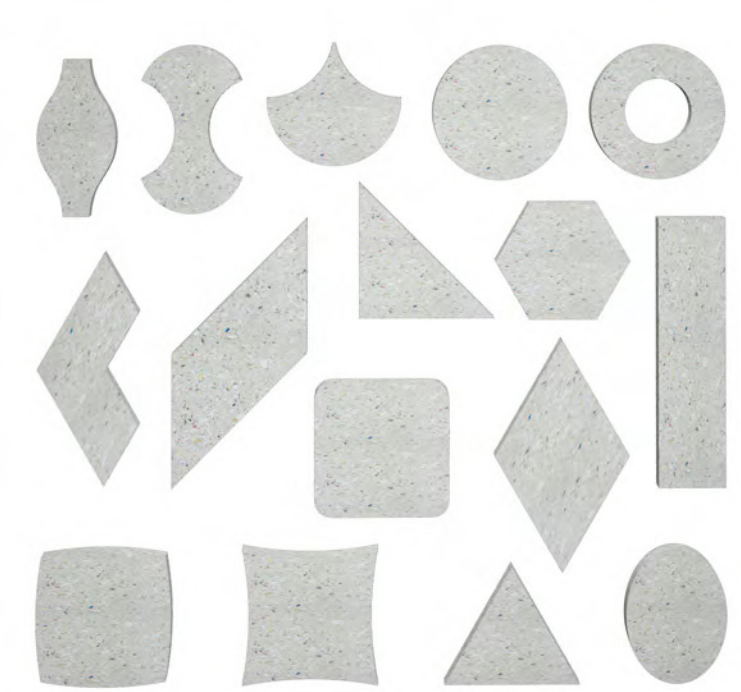
DIY ECO-C-TEX ACOUSTIC SHAPES

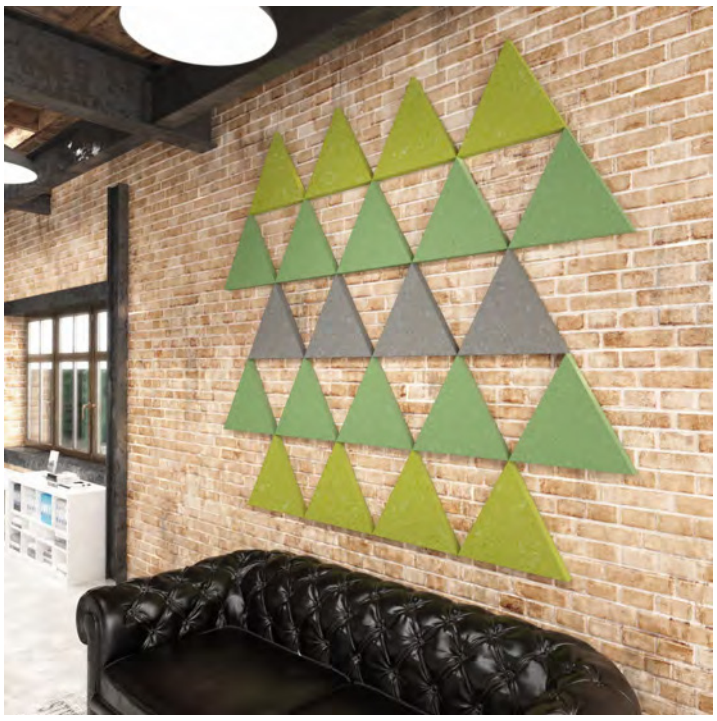
Modular Acoustics

Audimute DIY eco-C-tex Acoustic Shapes combine aesthetics with acoustic performance. Audimute's shapes break up hard surfaces decoupling sound waves. The DIY Acoustic Shapes are made with our eco-C-tex core sound absorption material. Acoustic Shapes are available in two pack sizes, small and large, and three thicknesses, 0.5", 1", and 1.5". See the specifications on page 14 for more details and pages 17-19 for NRC lab test reports.

Create designer patterns with varying depths or flush designs. Shapes can be spaced apart or tightly fit together. Bring your wall art ideas to life by adding Audimute Acoustic Shapes to any space.

Due to the variations in recycled material, each Acoustic Shape may vary in color tones, but will typically have a neutral speckled light grey appearance. We recommend finishing the Shapes with your choice of paint and color(s), or facing them with an acoustic fabric. The Shapes can be cut if needed with a tool such as a utility knife.

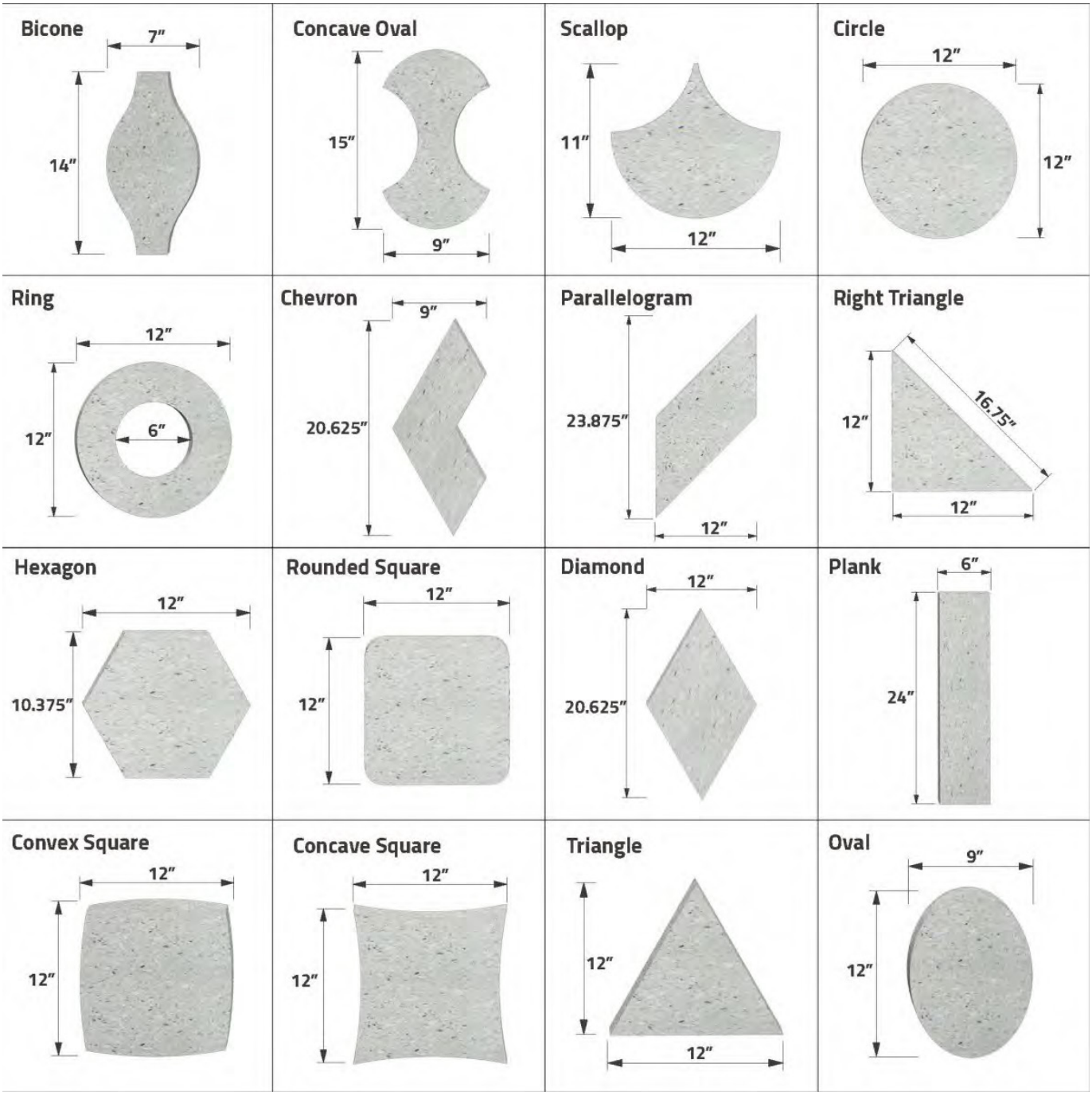




DIY ECO-C-TEX ACOUSTIC SHAPES

ELEVATION: ACOUSTIC SHAPES DIMENSIONS
Custom shapes are available upon request.

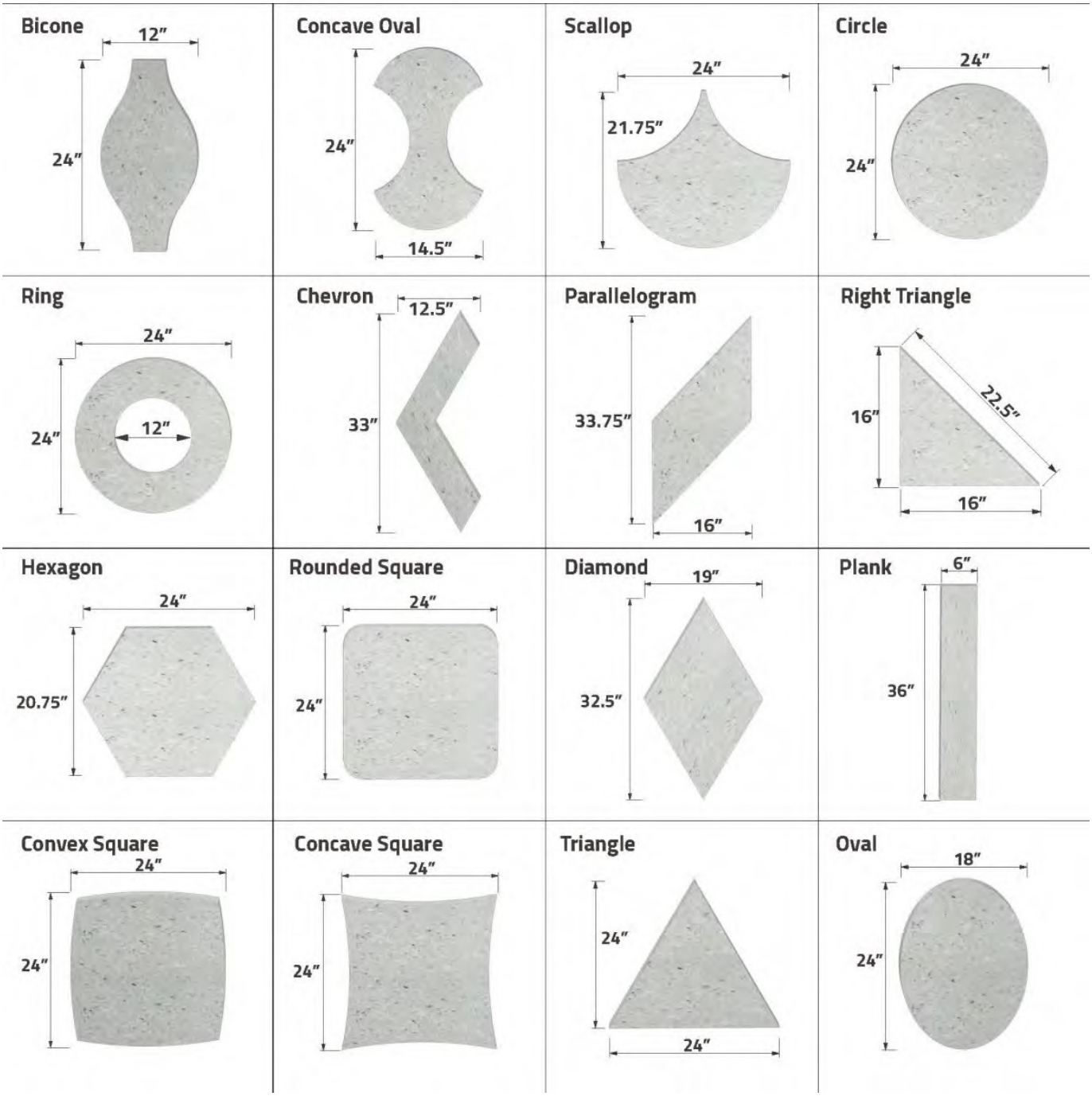
Small Sizes

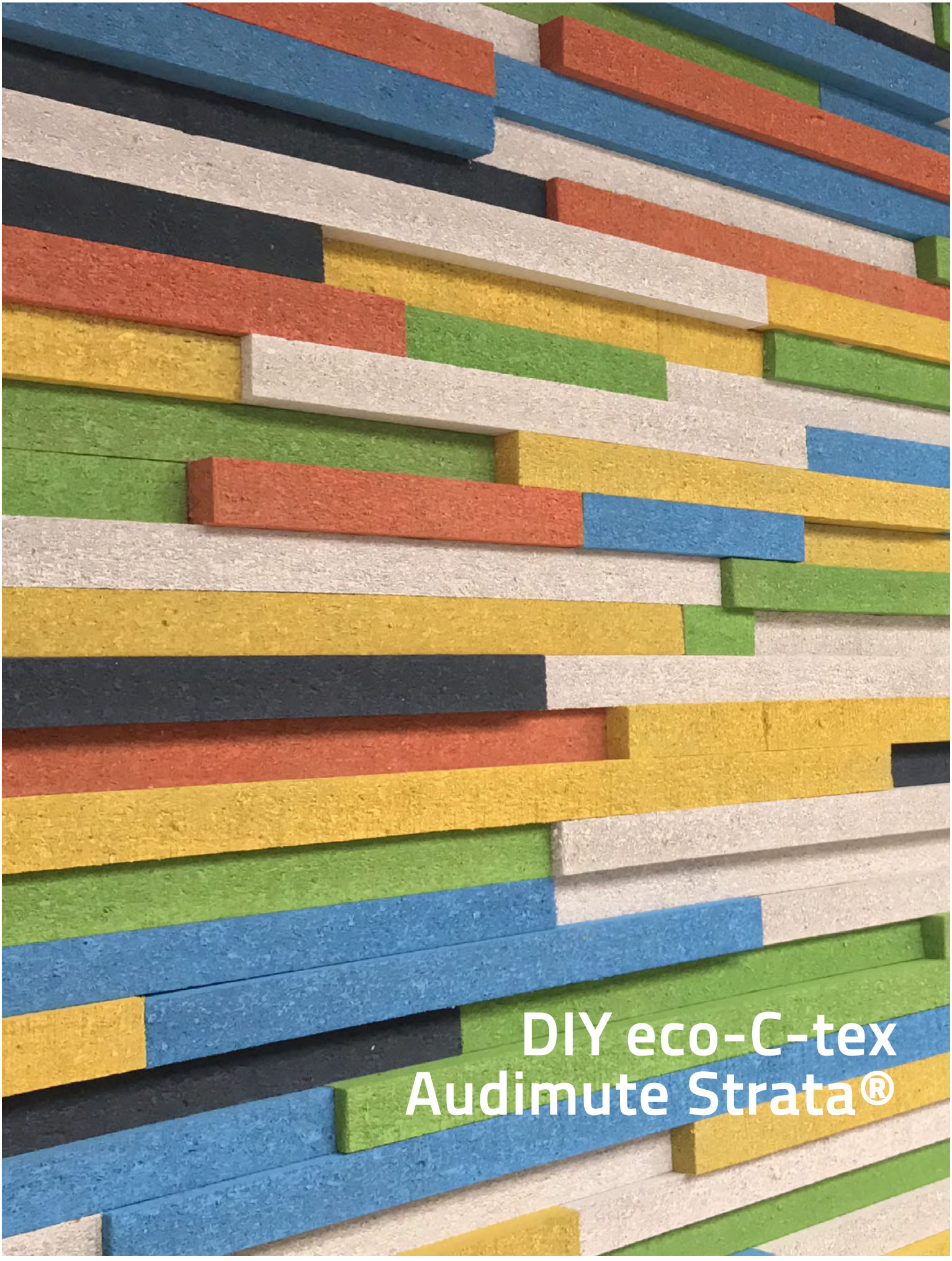


DIY ECO-C-TEX ACOUSTIC SHAPES

ELEVATION: ACOUSTIC SHAPES DIMENSIONS
Custom shapes are available upon request.

Large Sizes




DIY eco-C-tex
Audimute Strata®

DIY ECO-C-TEX AUDIMUTE STRATA

Stackable One-Of-A-Kind DIY Acoustics

At Audimute, we have an innovative approach in creating extraordinary sound environments. We specialize in eliminating your sound problems; however, our goal is to design solutions that reflect your personal taste and style.

Our exclusive line of Audimute Strata brings robust elegance into your space. Meticulously crafted from our trademarked acoustic absorption material eco-C-tex, this product is one-of-a-kind. Included is 22-24 sq.ft. worth of material (96 pieces: 24" per piece), with a thickness of 1.5" +/- 0.25" (NRC 0.95 - see page 16 for lab test results). The Strata pieces can be cut to size if needed with a tool such as a utility knife.

Due to the variations in recycled material, each eco-C-tex Strata piece may vary in color tones, but will typically have a neutral speckled light grey appearance. We recommend finishing the product with your choice of paint and color(s).

DIY ECO-C-TEX AUDIMUTE STRATA

Current styles include: Flat, Textured, Cityscape, Curve, Slant, & Sawtooth.
See the specifications on page 14 for more details.

FLAT

CITYSCAPE

TEXTURED

CURVE

SAWTOOTH

SLANT


DIY eco-C-tex
Audimute
Strata Sticks

DIY ECO-C-TEX AUDIMUTE STRATA STICKS

Get Creative with Strata Sticks!

Audimute DIY eco-C-tex Strata Sticks are very similar to our Audimute Strata Flat Style, but come in a different length, with different depths and more pieces. Included in each order is 46-48 sq.ft. worth of material (105 sticks/pieces at 48" a piece), with a stick thickness of 1.5" +/- 0.25" (NRC 0.95 - see page 16 for lab test results), and depths (or widths depending on how you arrange them), ranging from 1"-2". The Strata Sticks can be cut to size if needed with a tool such as a utility knife. See the specifications on page 15 for more details.

Due to the variations in recycled material, each eco-C-tex Strata Stock may vary in color tones, but will typically have a neutral speckled light grey appearance. We recommend finishing the product with your choice of paint and color(s).

DIY ECO-C-TEX ACOUSTIC PANELS: SPECIFICATIONS

CONTENT	Acoustic substrate: P.E.T. 10% - 30%, Recycled Cotton 70% - 90%
COMPONENTS	Acoustic Substrate
THICKNESS	Panels: 1-1/2" Shapes: 0.5", 1", & 1-1/2"
THICKNESS TOLERANCE	+-1/8" for 0.5" & 1" Thicknesses and +-1/4" for 1-1/2".
SIZES & WEIGHTS	1' x 1' (0.75 lb), 1' x 2' (1.5 lb), 1' x 3' (2.25 lb), 1' x 4' (3 lb), 2' x 2' (3 lb), 2' x 3' (4.5 lb), 2' x 4' (6 lb), 3' x 3' (6.75 lb), 3' x 4' (9 lb), 4' x 4' (12 lb), & Custom sizes up to 4'x 8'. Shapes: Small & Large pack sizes, approx. 0.75 - 1 lb per shape. See pages 6-7.
EDGE STYLE	Straight or Beveled
APPLICATION	Indoor Walls or Ceilings
CUTTING / ALTERATIONS	Examples: Table Saw w/ Metal Cutoff Blade, Jig Saw w/ T-Shank Scalloped Knife Blade, Foam Saw, Utility Knife
INSTALLATION	Examples: Adhesive Hang Tab, Keyhole Plates, Construction Adhesive, Mechanical Lock
STORAGE	Acoustic Panels must be stored in a dry place. Delivery Packaging is not ideal for storage purposes. It is advised to place a polyethylene cover over the stack when packaging is removed, to reduce moisture absorption. It is recommended that panels be stored horizontally. It is recommended that panels should not be stacked. It is strongly recommended to avoid storage longer than 6 months. Do not allow water to come into direct contact with the material during storage. Store in a cool dry space 55°F - 85°F.
FIRE RATING	ASTM E84 Class A.
ACOUSTIC RATING	NRC: 0 .95 (1.5" Thickness), 0.75 (1" Thickness), & 0.55 (0.5" Thickness)

DIY ECO-C-TEX AUDIMUTE STRATA: SPECIFICATIONS

CONTENT	Acoustic Absorption Substrate: P.E.T. 10% - 30%, Recycled Cotton 70% - 90%
COMPONENTS	Acoustic Substrate, Installation Tape
DEPTH	Textured: 2.5" to 4" I Flat: 1", 1.75", 2.5" I Cityscape: .625" to 3.375" I Curve: 1.625" to 2.375" Slant: 1" to 3" I Sawtooth: 1.5" to 2.5"
THICKNESS TOLERANCE	Textured, Flat, Cityscape, Curve, Slant, & Sawtooth: +/- 0.25"
SQ.FT. QUANTITY	22-24 sq.ft.
FACE STYLE	Textured, Flat, Cityscape, Curve, Slant, Sawtooth
APPLICATION	Indoor Walls or Ceilings
INSTALLATION	Examples: Tape (included), Construction Adhesive (not included)
STORAGE	Must be stored in a dry place. Delivery Packaging is not ideal for storage purposes. It is advised to place a polyethylene cover over the stack when packaging is removed, to reduce moisture absorption. It is recommended that product be stored horizontally. It is recommended that product should not be stacked. It is strongly recommended to avoid storage longer than 6 months. Do not allow water to come into direct contact with the material during storage. Store in a cool dry space 55°F - 85°F.
FIRE RATING	ASTM E84 Class A.
ACOUSTIC RATING	NRC: 0.95

DIY ECO-C-TEX AUDIMUTE STRATA STICKS: SPECIFICATIONS

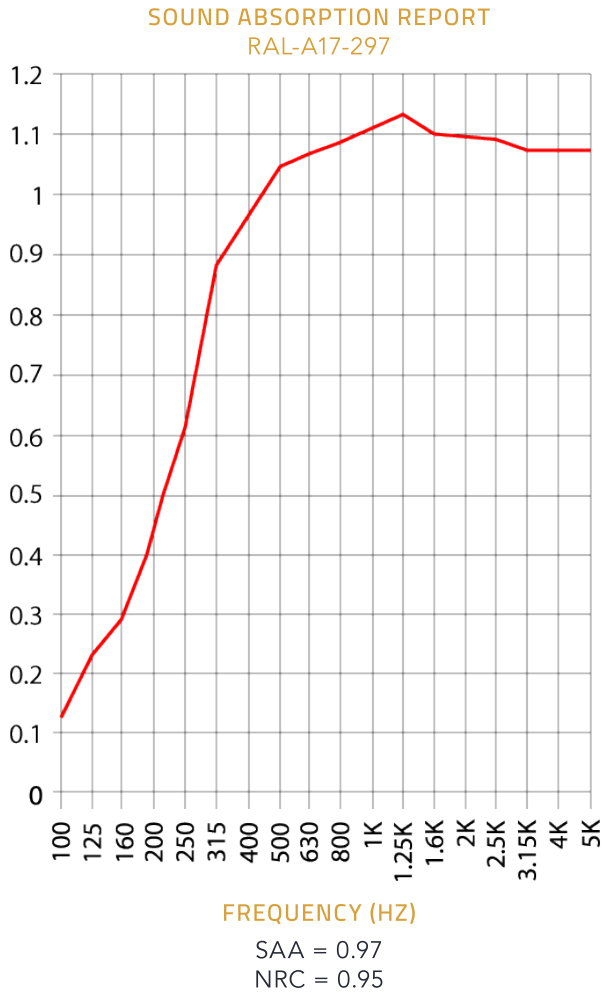
CONTENT	Acoustic Absorption Substrate: P.E.T. 10% - 30%, Recycled Cotton 70% - 90%
COMPONENTS	Acoustic Substrate
DEPTH	Thickness of 1.5" Depths (or widths depending on how you arrange them), ranging from 1"-2"
THICKNESS TOLERANCE	+/- 0.25"
SQ.FT. QUANTITY	46-48 sq.ft. (105 sticks/pieces)
APPLICATION	Indoor Walls or Ceilings
INSTALLATION	Examples: Tape (not included), Construction Adhesive (not included)
STORAGE	Must be stored in a dry place. Delivery Packaging is not ideal for storage purposes. It is advised to place a polyethylene cover over the stack when packaging is removed, to reduce moisture absorption. It is recommended that product be stored horizontally. It is recommended that product should not be stacked. It is strongly recommended to avoid storage longer than 6 months. Do not allow water to come into direct contact with the material during storage. Store in a cool dry space 55°F - 85°F.
FIRE RATING	ASTM E84 Class A.
ACOUSTIC RATING	NRC: 0.95

1.5" ACOUSTIC TESTING:

Test Report

The test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL-A17-297 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.

FREQUENCY (HZ)	ABSORPTION COEFFICIENT
100	0.13
125	0.23
160	0.29
200	0.43
250	0.62
315	0.87
400	0.96
500	1.04
630	1.07
800	1.09
1000	1.11
1250	1.14
1600	1.10
2000	1.10
2500	1.09
3150	1.06
4000	1.07
5000	1.06



SAA = 0.97
NRC = 0.95

1" ACOUSTIC TESTING:

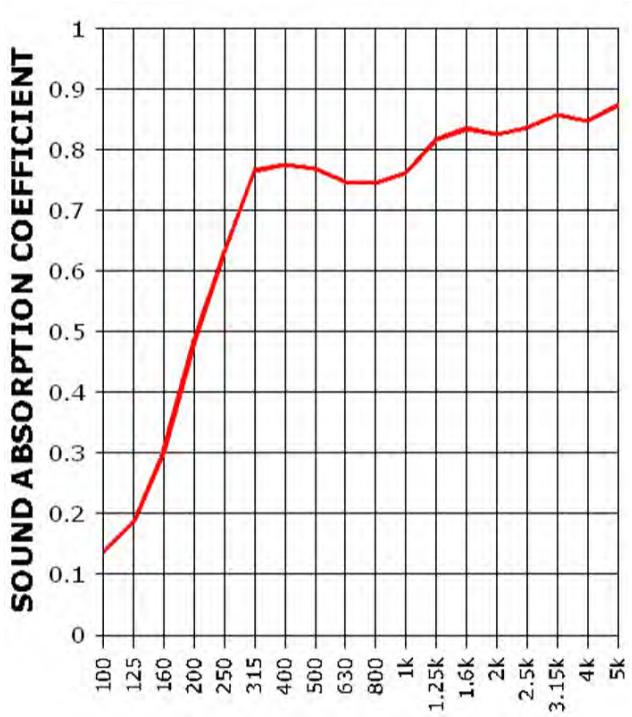
Test Report

The test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL-A17-297 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.

FREQUENCY (HZ)	ABSORPTION COEFFICIENT
100	0.14
125	0.19
160	0.31
200	0.49
250	0.63
315	0.77
400	0.78
500	0.77
630	0.75
800	0.75
1000	0.76
1250	0.82
1600	0.84
2000	0.83
2500	0.84
3150	0.86
4000	0.85
5000	0.87

SOUND ABSORPTION REPORT

RAL-A17-297



FREQUENCY (HZ)

SAA = 0.75
NRC = 0.75

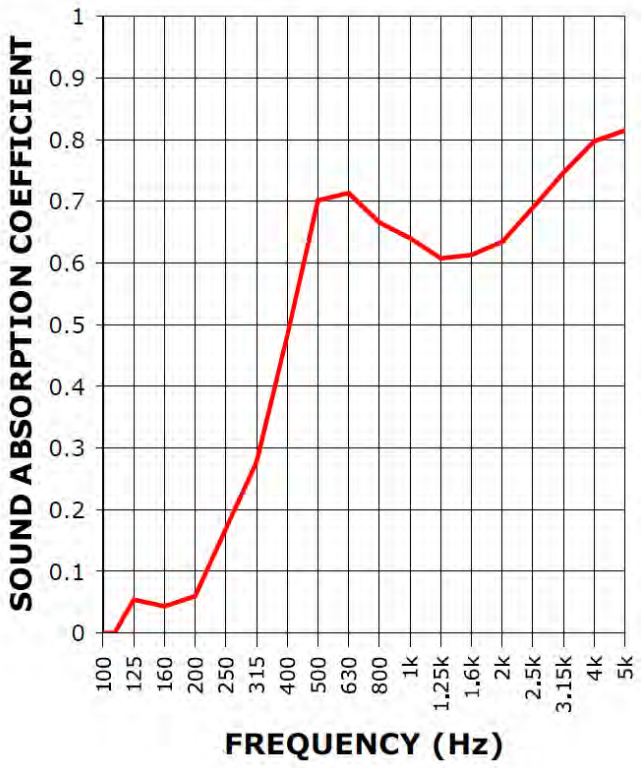
0.5" ACOUSTIC TESTING:

Test Report

The test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL-A14-263 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.

FREQUENCY (HZ)	ABSORPTION COEFFICIENT
100	-0.03
125	0.05
160	0.04
200	0.06
250	0.17
315	0.28
400	0.48
500	0.70
630	0.71
800	0.67
1000	0.64
1250	0.61
1600	0.61
2000	0.63
2500	0.69
3150	0.75
4000	0.80
5000	0.81

SOUND ABSORPTION REPORT
RAL-A14-263



FREQUENCY (HZ)

SAA = 0.52
NRC = 0.55

Hang Tabs Installation Instructions:

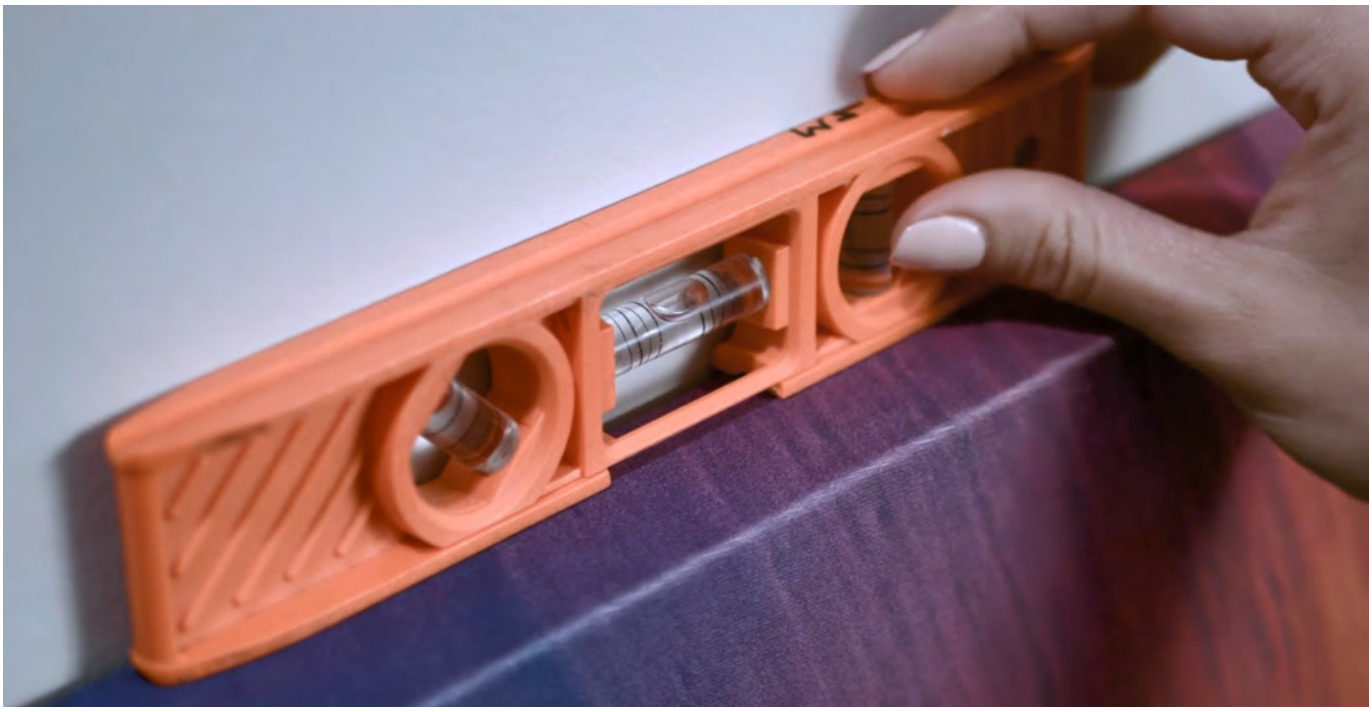
ACOUSTIC PANELS (Fabric, Image, & AcoustiColor®)
ACOUSTICOLOR & ACOUSTIFELT™ TILES & SHAPES

Hang tabs are made of durable plastic with an adhesive backing that adheres to the back of the panels, and is secured with two screws. The tabs are then used to mount panels to a wall using our Easy, Standard, or Stacked installation methods. Typically, two hang tabs are used per panel, however, larger panels may require more.

Items needed: Hang tabs with included screws, a level, a pencil, and a Phillips head screwdriver.

Please note: For the Standard & Stacked Hang Tabs installation methods, you will also need a measuring tape.

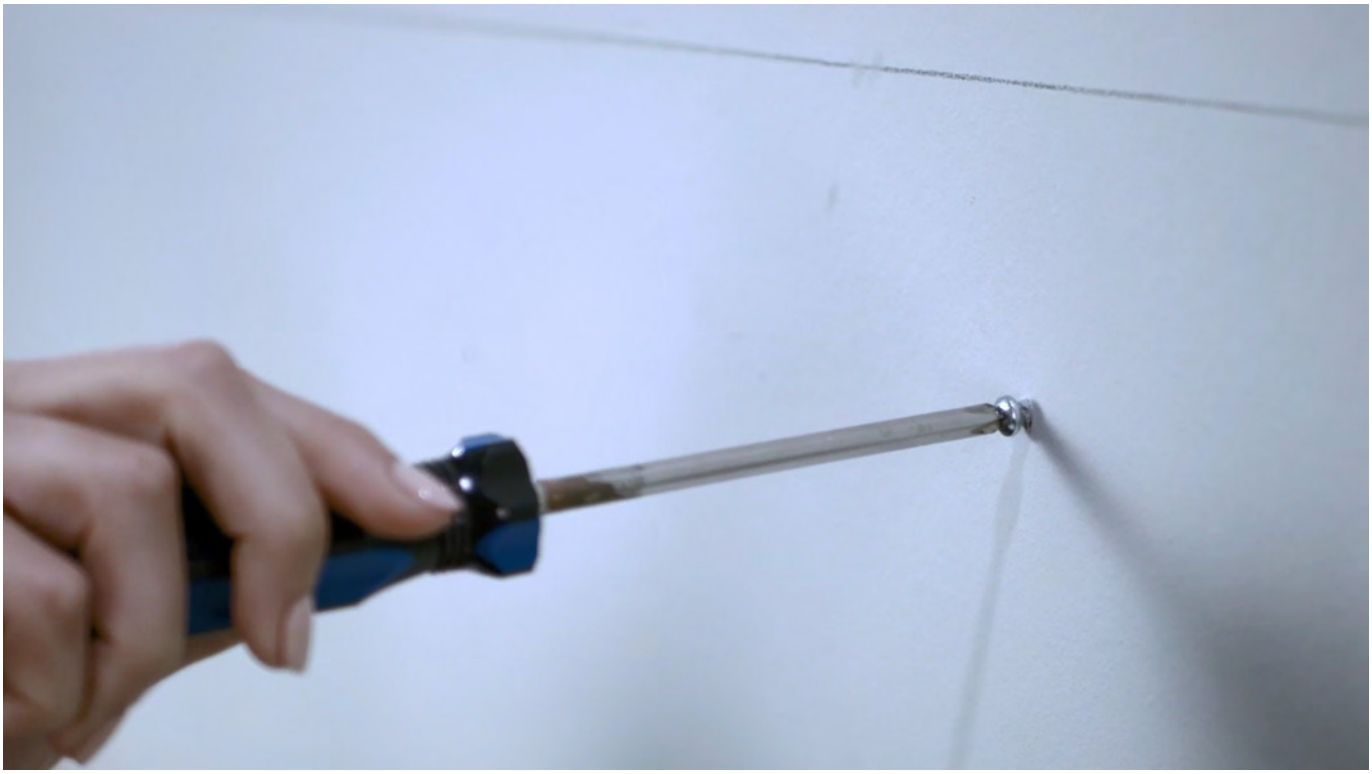
Step 1: Position a panel on the wall. Use a level on the top of the panel.



Step 2: Remove the level and lightly draw a line across the top of the panel with a pencil.

Easy Method:

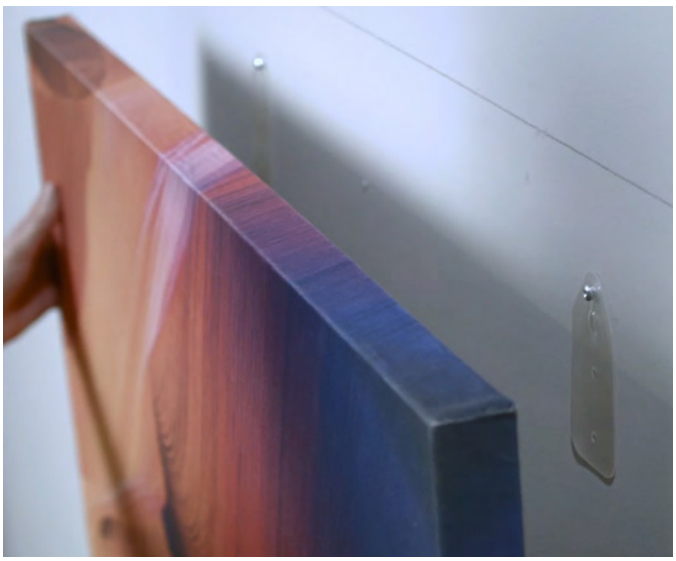
Step 3: Screw the Walldog fasteners into the wall, just below the line. Make sure to leave a small 1/8" gap for the hang tab.



Step 4: Peel the wax backer off the hang tab, then place the tab over the screw on the wall with the sticky side facing out.

Easy Method Continued:

Step 5: Position the panel firmly into place on the wall and apply pressure to the locations of the hang tabs, so the hang tabs stick to the back of the panel.

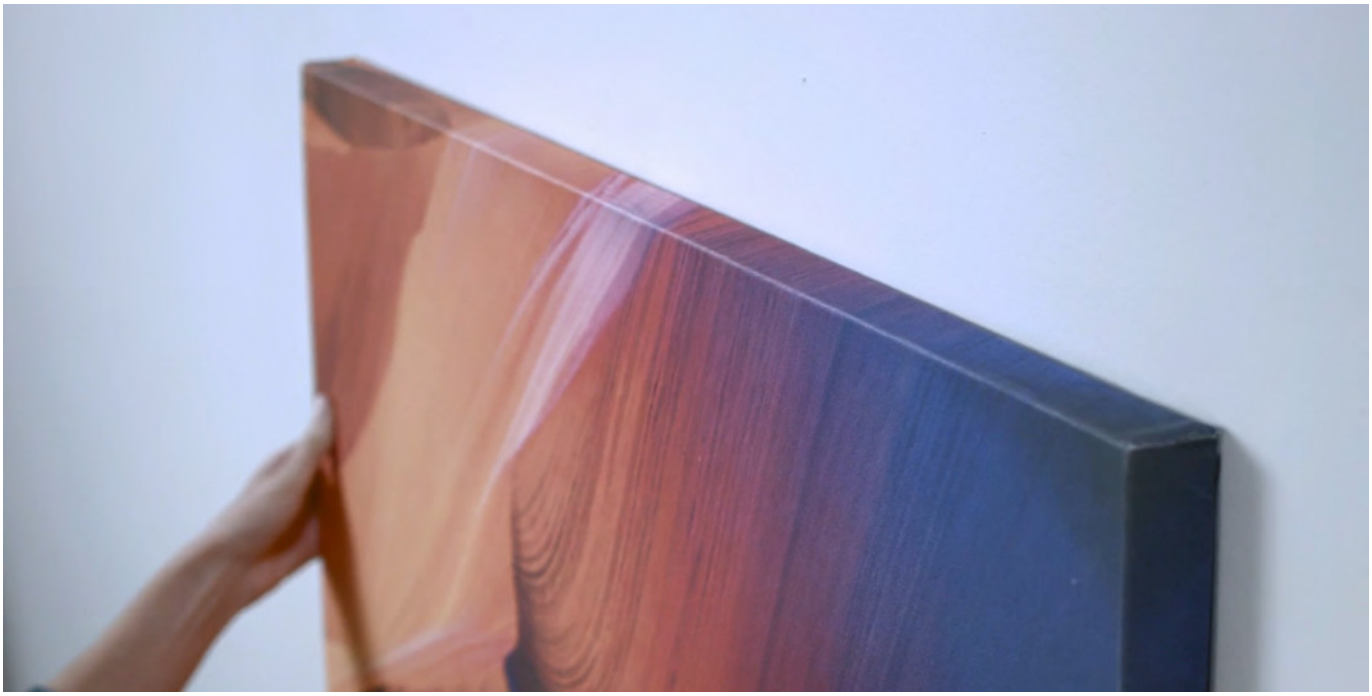


Step 6: Remove the panel by lifting up and out from the keyholes on the tabs.

Easy Method Continued:

Step 7: Secure the hang tabs on the back of the panel with the small screws provided.

Step 8: Hang the panel on the wall, like you would a wall clock, sliding the keyholes over the screws and it will be positioned precisely where you want it.



Standard Method (measuring tape required):

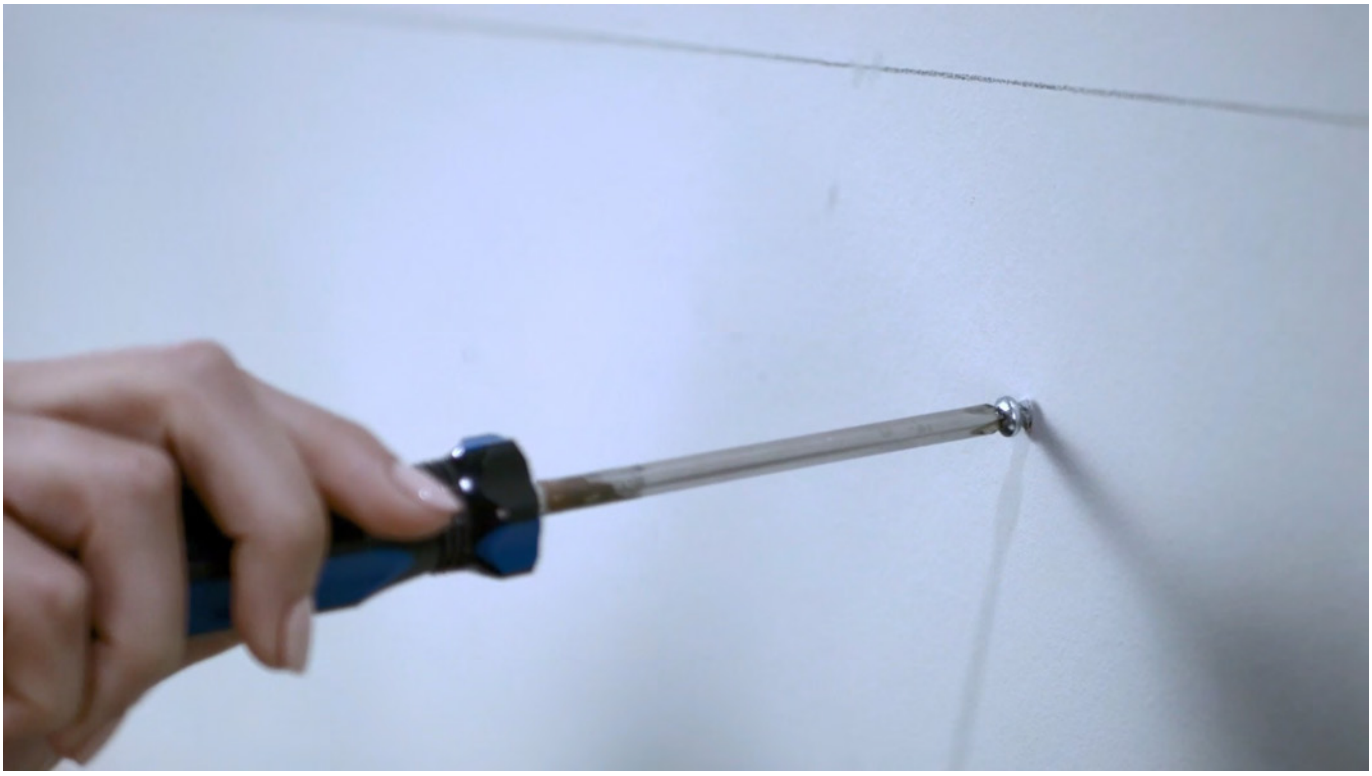
Step 3 (see page 2 for steps 1 & 2): Peel the wax backer off the hang tabs, then place the hang tabs sticky side down on the back of the panel, and secure the tabs with the small screws provided.

Step 4: Measure the distance between the keyholes on the hang tabs and from the top of the keyholes to the top of the panel.

Standard Method Continued:

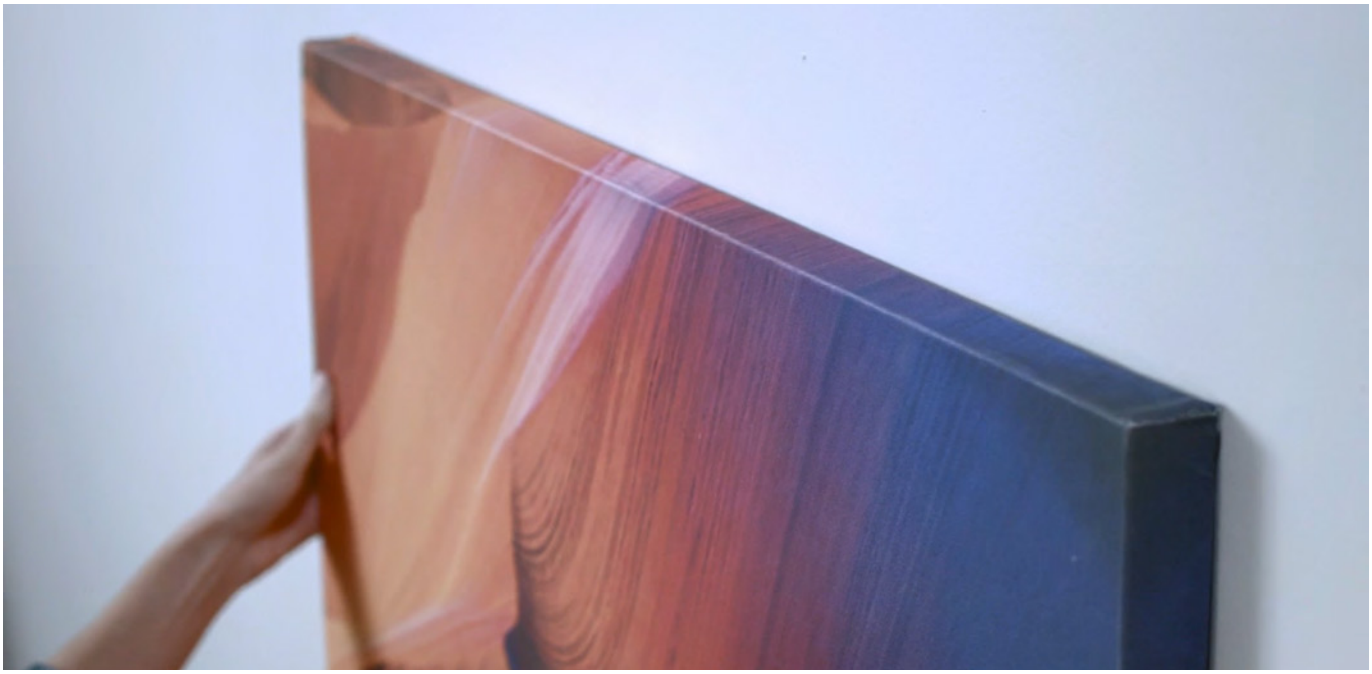
Step 5: Apply the same measurements taken in Step 4 to the wall, using the line created in Step 2 as a reference to the top of the panel. Mark the locations of where the keyholes will be on the wall with a pencil.

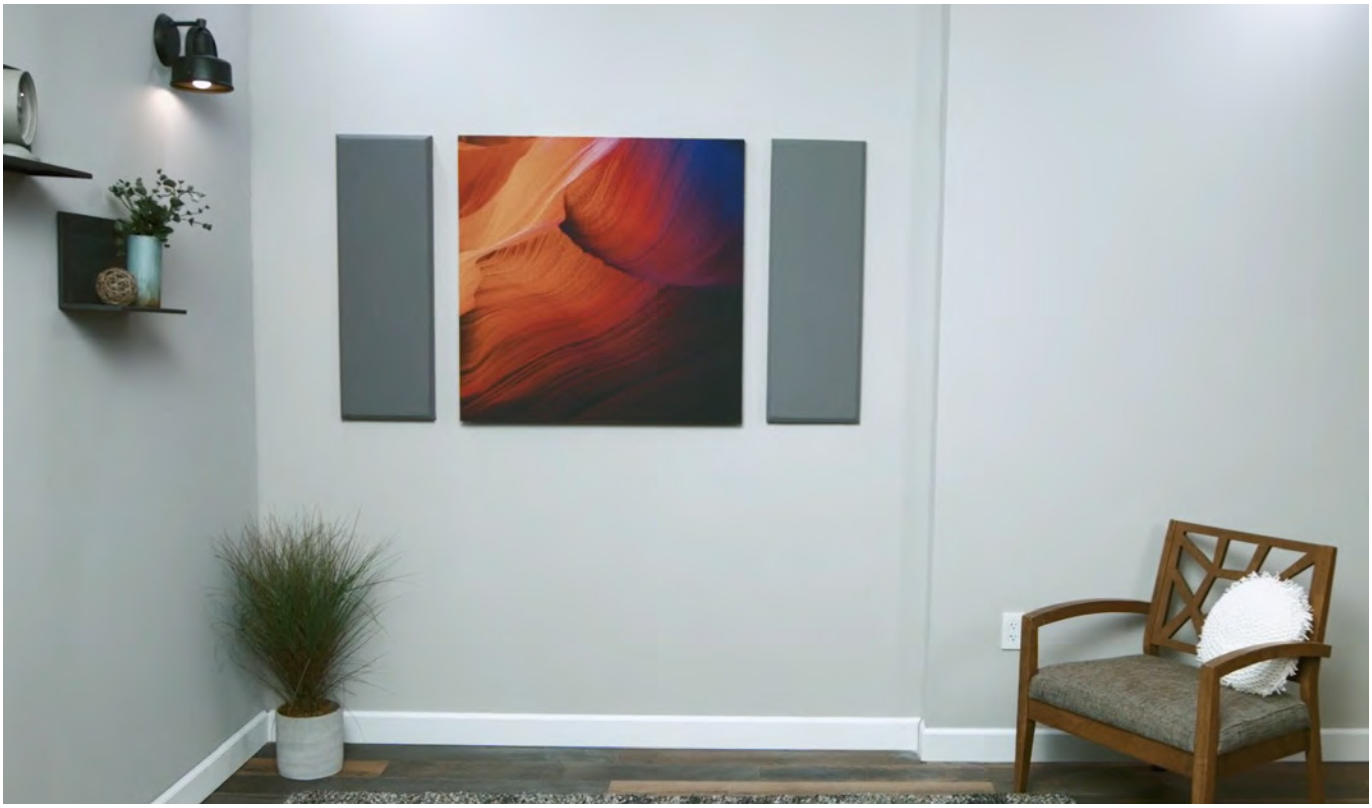
Step 6: Screw the Walldog fasteners into the wall, just below the line. Make sure to leave a small 1/8" gap for the hang tabs.



Standard Method Continued:

Step 7: Hang the panel on the wall, like you would a wall clock, sliding the keyholes over the screws.

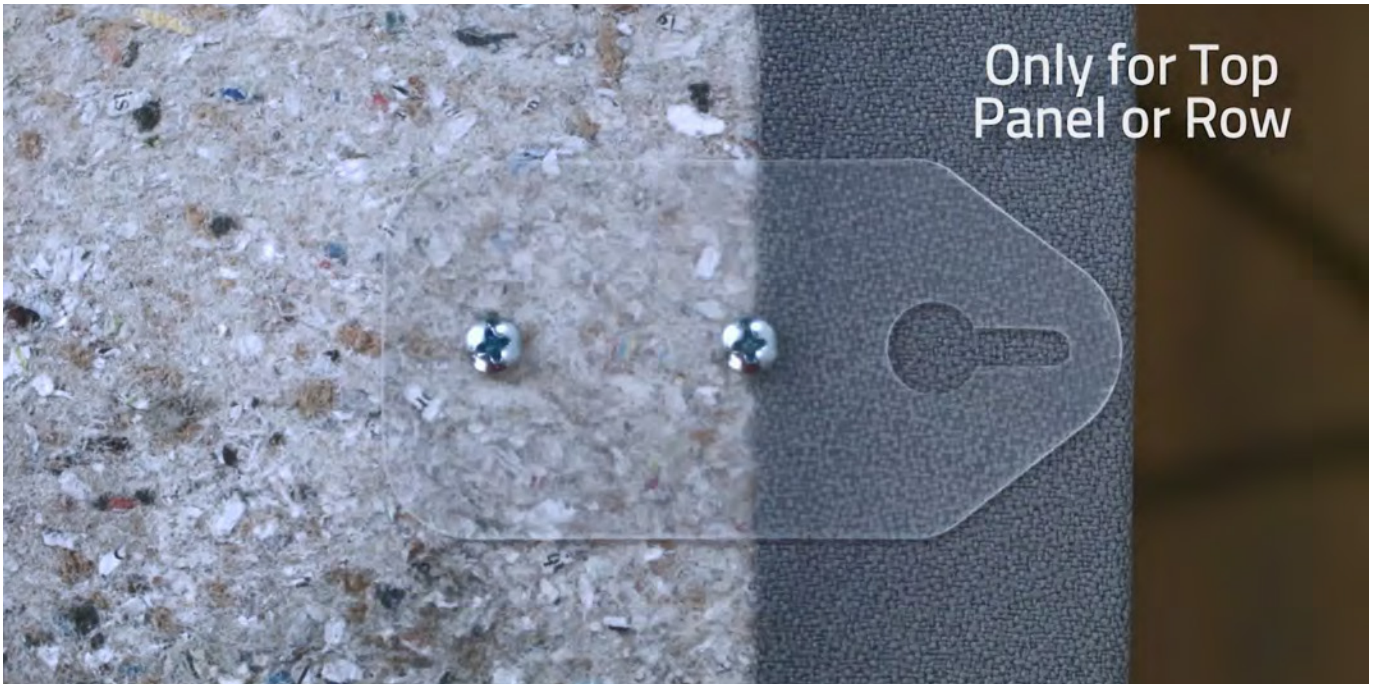




Stacked Method (measuring tape required):

Step 3 (see page 2 for steps 1 & 2): Use Steps 1 & 2 for the first row only. For all panels except for the one(s) for the top row, peel the wax backer off the hang tabs, then place the hang tabs sticky side down on the back of the panel just above the top edge, and secure the tabs with the small screws provided.

For the panel(s) that will be used for the top row, install the hang tabs just below the top edge. Install the hang tabs with equal distances from the top edge of the panel(s).



Stacked Method Continued:

Step 4: Place the first panel for the bottom row on the wall, using the level line drawn in Step 2 as a reference to the top of the panel. Screw the Walldog fasteners into the wall through the top of the keyholes in the hang tabs.

Step 5 (optional): For additional panels before the top row, rest the panels on top of the lower row and repeat the instruction in the last sentence of Step 4.

Stacked Method Continued:

Step 6: For the panel(s) for the top row, measure the distance between the keyholes on the hang tabs and the distance from the bottom of the panel(s) to nearly the top of the keyholes on the tabs. Then, apply the same measurements to the wall and mark the locations of where the keyholes will be on the wall with a pencil.

Step 7: For the top panel(s), screw the Walldog fasteners into the wall and make sure to leave a small 1/8" gap for the hang tabs.

Stacked Method Continued:

Step 8: Hang the top row panel(s) on the wall, like you would a wall clock, sliding the keyholes over the screws.

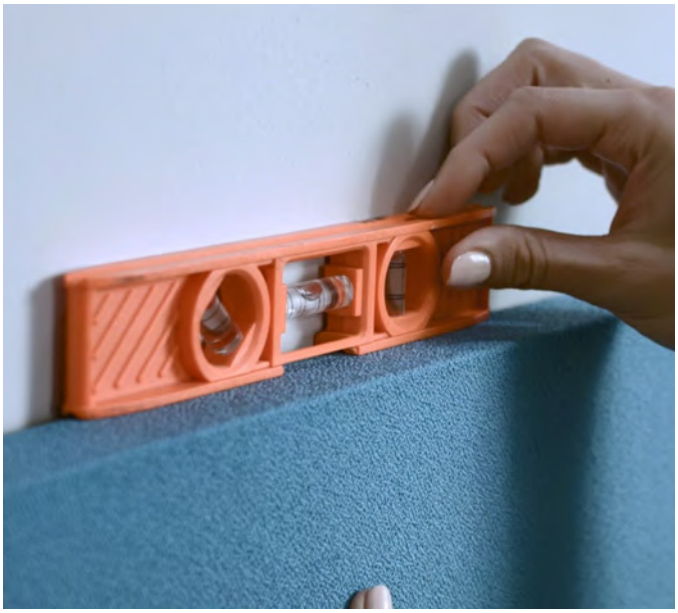
Keyhole Plate Hanging Method Installation Instructions:

FABRIC & ACOUSTIC IMAGE PANELS

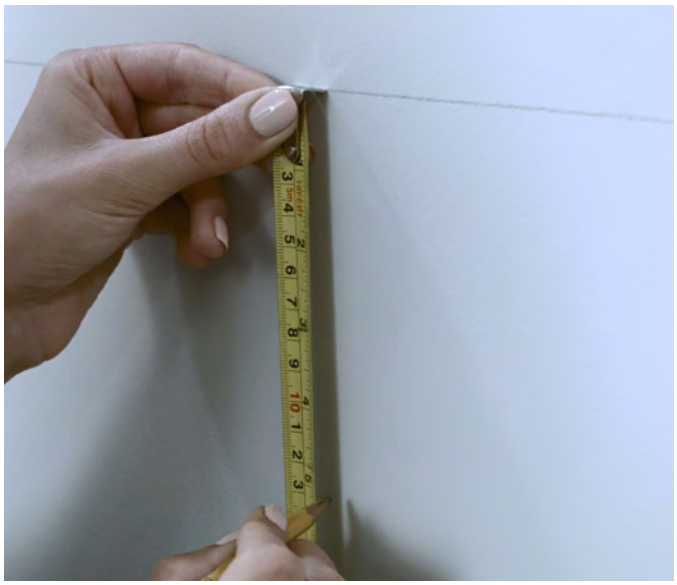
Keyhole plate mounting is a very secure method to attach panels to walls or an angled section of a ceiling. The keyhole plates come preattached to the panels.

Items needed: 4 included included screws for the keyhole plates, a level, a measuring tape, a pencil, and a Phillips head screwdriver.

Step 1: Position the panel on the wall where you want the top of the panel to be. Then, use a level and draw a line on the wall across the top of the panel with a pencil.

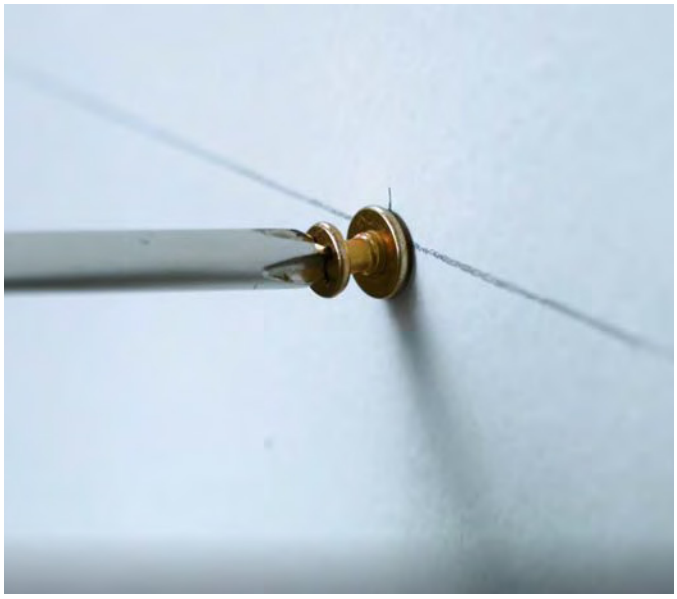


Step 2: Measure 5 1/4" down from the line and make another level line.



Step 3: Measure the distance between the keyholes on the panels.

Step 4: Using the measurements between the keyholes, mark the locations on the wall with a pencil starting on the level line created in Step 2. Then, screw the double headed screws into the marked locations.



Step 5: Hang the panel by sliding the keyhole plates over the double headed screws in the wall.

Loctite® Power Grab® Express Heavy Duty Installation Instructions:

ACOUSTIC PANELS (Fabric, Image, & AcoustiColor®)
ACOUSTICOLOR SHAPES
AUDIMUTE STRATA®
ACOUSTIWOOD®, ACOUSTISTONE®, ACOUSTIFELT™

Step 1: Apply 2" diameter dabs of adhesive on a panel, no more than 2' apart.

Step 2: Press firmly into place and you're done!

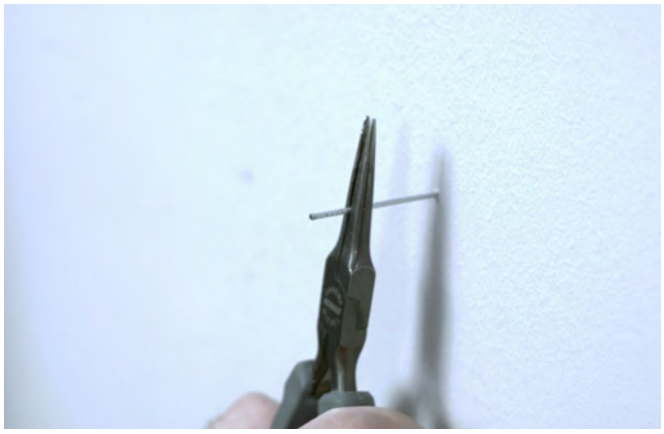
Paslode® Brad Nailer Installation Instructions:

ACOUSTIWOOD® ACOUSTIC WOOD ALTERNATIVE PLANKS
ACOUSTISTONE® ACOUSTIC STONE ALTERNATIVE TILES
ACOUSTICOLOR® ACOUSTIC PANELS & SHAPES
ACOUSTIFELT™ TILES, PLANKS, & SHAPES

Step 1: Attach the compatible foot to the brad nailer, then fasten panels in place with the brad nailer. Always use eye protection and follow Paslode's instructions for use.

Optional Step: When installing AcoustiWood Planks or AcoustiStone Tiles, a retractable utility knife and a T-square can be used to cut the planks as needed for an exact fit.

If you want to remove or move the panels, simply pull them off the wall and use pliers to pull out any nails that are left in the wall.



Mitch Zlotnik
Founder & President of Audimute

Our founder Mitch Zlotnik loved his drums and respected his neighbors. So he invented a versatile sound absorption solution a musician could afford and a neighbor would love. Today our invention, eco-C-tex® is the key ingredient in a versatile suite of sound absorption and sound proofing solutions. Proudly made from 100% recycled materials, Audimute products are revolutionizing the way people experience work, worship, entertainment, and their home.

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sales@audimute.com
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