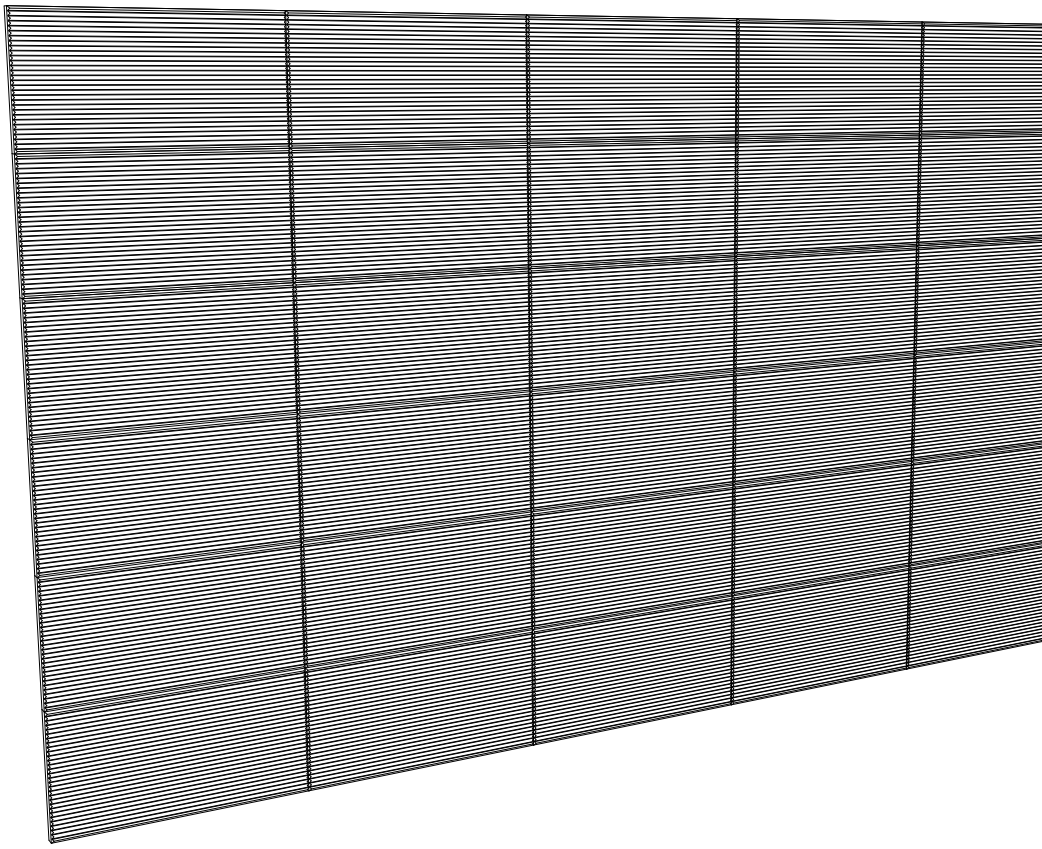
IMPACT ACOUSTIC®



Archisonic® Cotton
Wall Tiles

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938.13.24.000.00
938.14.24.000.00

INSTALLATION GUIDE

Archisonic® Cotton
Wall Tiles

General informations
Archisonic® Cotton is an acoustic wall tile for interiors able to improve the aesthetics and comfort of living and working spaces. It is made of a completely natural material based on cotton linters and high quality earth pigments.

The production techniques and treatments to which the **Archisonic® Cotton** products are subjected also give certain resistance to fire and water, integrating the excellent sensory and aesthetic qualities in the finished product.

Unpacking and storage
Cotton products must be handled with care during transport, unpacking and laying. Carefully inspect the materials upon delivery and in the event of damage notify the shipper and notify Impact Acoustic immediately.

Archisonic® Cotton products must be kept in their original packaging up to the time of installation and stored at room temperature in a clean place free from dust and moisture.

Surface conditions
Archisonic® Cotton products must be applied on a clean, dry and dust-free surface. The wall and paint must be completely dry.

Cleaning and maintenance
Cotton products must be cleaned with a dry cloth, taking care not to cut or damage the surface. Do not use water, soap or liquid detergents. The minor damage to cotton products has little impact on the overall aesthetics of the product, as it is homogeneous throughout its volume. In the event of substantial damage, damaged tiles can be replaced individually. It is necessary to carefully remove the compromised elements avoiding to ruin the edges of the surrounding tiles, we recommend in any case to contact Impact Acoustic for replacement.

Disposal and recycling
The treatments to which **Archisonic® Cotton** products are subjected do not degrade the chemical/physical characteristics, therefore at the end of their use they are withdrawn directly from the producer. If you wish to proceed with disposal, refer to the regulations in force.

Archisonic® Cotton is a fully circular material. We are able to fully re-purpose the material into a different format/colour once it has been uninstalled. We are planning on establishing a take-back program, which we will announce once we confirmed some details. This may take some time so stay tuned for more information.

Installation

Archisonic® Cotton products can be cut to size if required during the installation phase. Cotton products vary in porosity and density, fundamental characteristics that ensure high acoustic performance, and should therefore be cut with the back side facing up. The back is more porous and may release some product fibers. Cotton products are mass colored and for this reason they are uniform in all their volume, therefore they do not require any retouching once processed.

General Notes

These instructions serve as a guide, the installer is required to follow these instructions and perform the work properly. Impact Acoustic assumes no responsibility in the event of improper use of the materials or failure to observe the safety rules. Worry about inspecting the material on delivery and immediately reporting damage and non-compliance to Impact Acoustic. Store the materials in their original packaging in a clean, dry and controlled humidity place.

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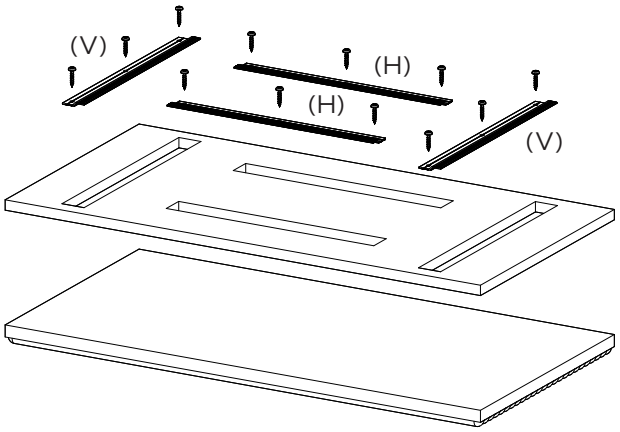
Archisonic® Cotton

Recommended Installation Method

Z-clip are not included in the scope of delivery.

1 Screw the Z-clips to the tiles.

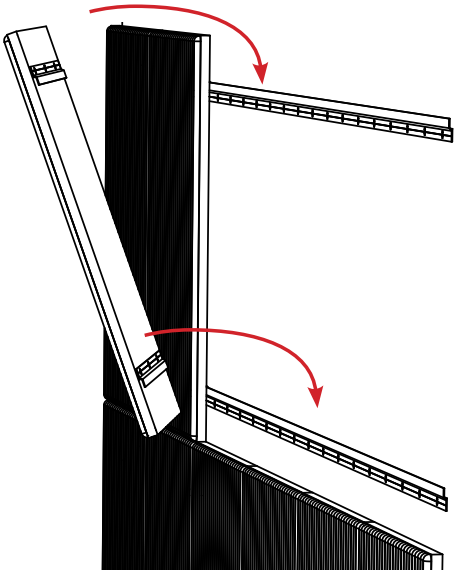
Screw the Z-clips to the tiles using the cardboard jig and the supplied screws. For a horizontal postion of the tile, fix 2x Z-clips in parallel to the long edge of tile (H), for a vertical position, do this in parallel to the short edge of the tile (V).



2 Screw Z-clips to the wall

When screwing the Z-clips to the wall, it is recommended to use every third hole in the profile (max. screw diameter 4.5mm / 0.18”). Please note a distance of 46mm (1.8”) from the bottom z-clip to the start of the covered area is recommended.

If the tiles are to be installed all horizontally or in both vertical and horizontal positions, a greater number of Z-clip sets will be required for the wall.
It is always recomended to check over all quantities of Z-clips for the walls with our Consultancy.



3 Hanging the tiles

Hook the tiles into place.

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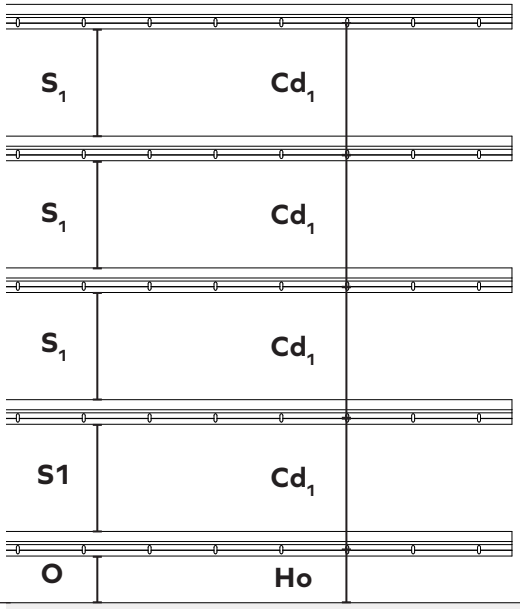
Archisonic® Cotton

Recommended Installation Method

Z-clip are not included in the scope of delivery.

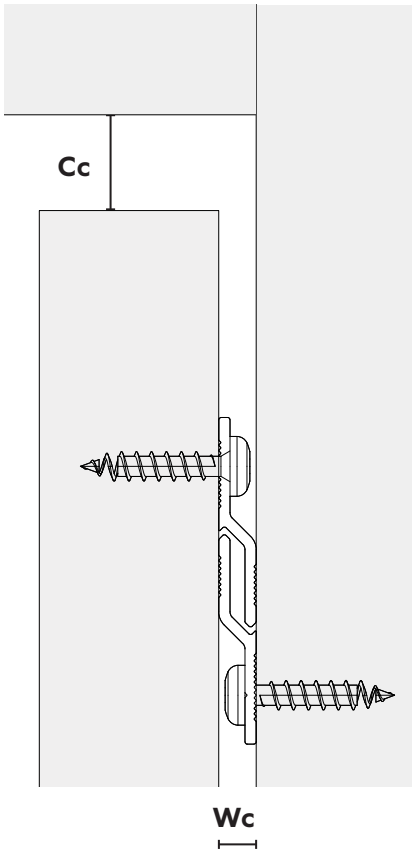
Masstabelle

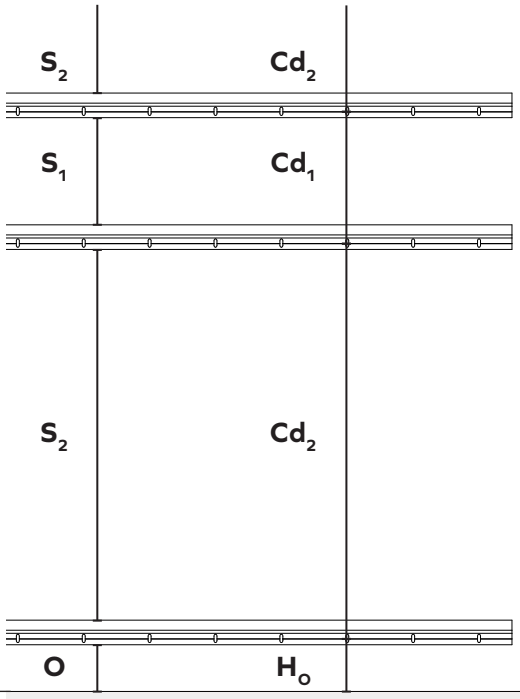
O	Offset	46 mm	1,8″
Ho	Hole Offset	53 mm	2,1″
S_1	Spacing 1	122 mm	4,8″
S_2	Spacing 2	422 mm	16,6″
Cd_1	Centre Distance 1	150 mm	5,9″
Cd_2	Centre Distance 2	450 mm	17,″
Cc	Ceiling Clearance	min. 15mm	min. 0,6″
Wc	Wall Clearance	5 mm	0,2″



Bottom edge of 1st tile

Spacing for horizontal or mixed layouts





Bottom edge of 1st tile

Spacing for vertical layout

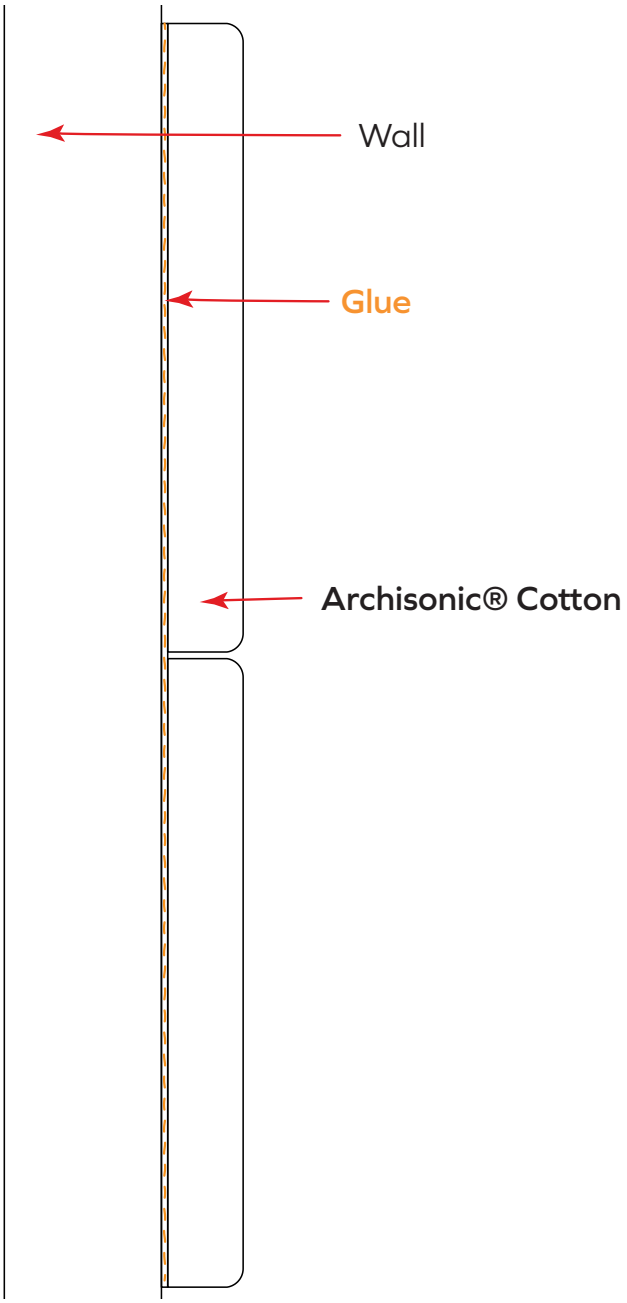
Archisonic® Cotton

Alternative Installation Method

NOTE:
Adhesive complicates the recycling process.

1 Read the general instructions

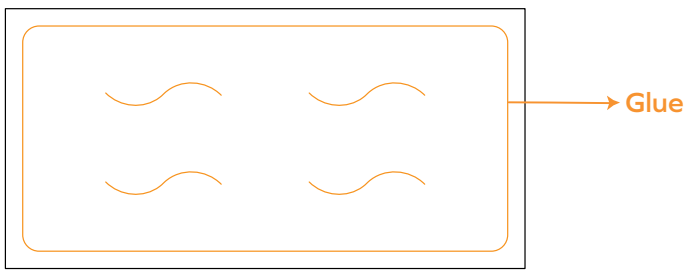
Before starting, carefully read the general instructions on page 2.



2 Glueing

For a proper gluing it is advisable to apply glue strips of at least 5mm (0.2") in thickness and a width between 5 and 10mm (0.2"-0.4"). It is recommended to spread the glue along the whole perimeter of the figure and in the center, according to the image.

NOTE:
Verification that the adhesive is suitable for your application. Impact Acoustic is not liable for the use of unsuitable adhesives.



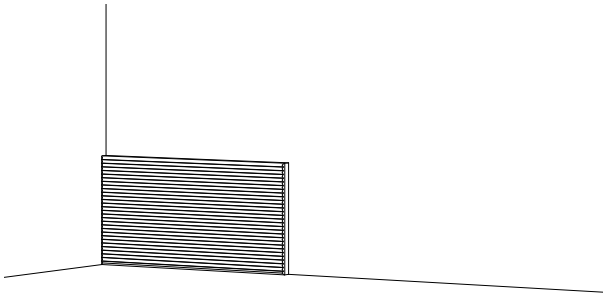
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Archisonic® Cotton

Alternative Installation Method

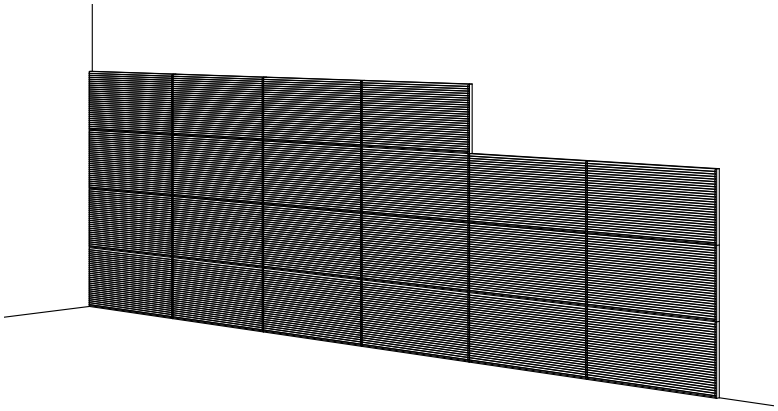
3 Placing the tiles

Fix the tiles to the wall, carefully following the established pattern.



4 Placing the tiles

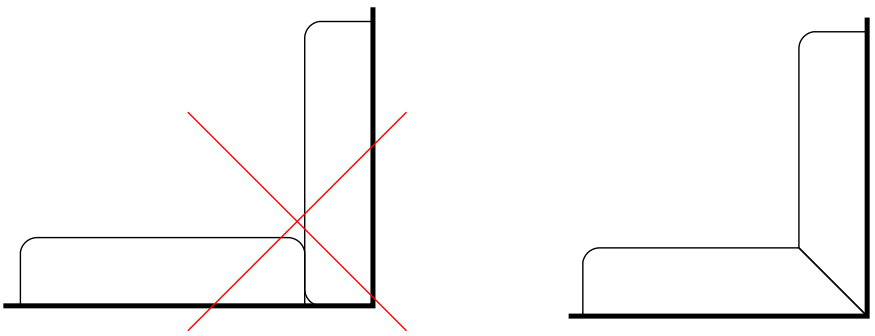
During the installation with glue, a degree of precision is required. We recommend to use a spacer to always leave a gap of 1-2mm (0.04" - 0.08")between tiles.



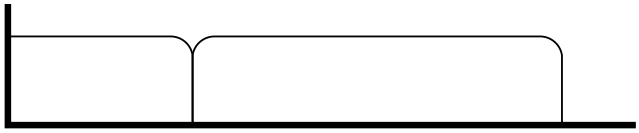
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Archisonic® Cotton
Recommended Machining Methods

MIttered edges at 45° are recommended for corners.



Tiles can be cut to fully cover an area.

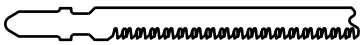


Archisonic® Cotton products can be cut to size if required during the installation phase. Standard woodworking tools like circular saws, jigsaws or band saws can be used. Holes can be made with a hole saw. Cotton products vary in porosity and density, fundamental characteristics that ensure high acoustic performance, and should therefore be cut with the back side facing up. The back is more porous and may release some product fibers.

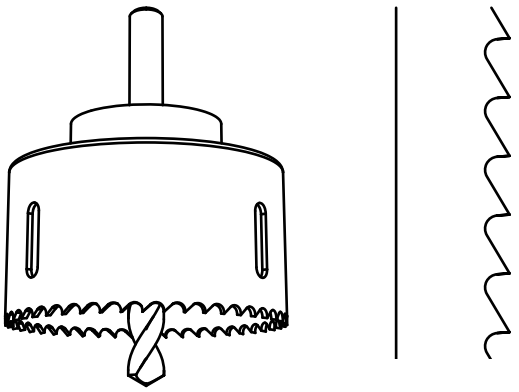
The **Archisonic® Cotton** tile has the same colour internally and externally, therefore they do not require any retouching once processed.



A Saw blade with a positive hook angle is recommended



A Jigsaw blade for acrylic is recommended.



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