Archisonic Cotton Tile

General Information

Data

Applicable article numbers
938.12.24.000.00

Dimensions¹

Length  600mm  23.6”
Height  300mm  11.8”
Thickness 24mm  0.9”

Material

Wall Covering  Archisonic ® Cotton (100% circular) in 24 colors

Weight²

24mm / 0.95”  5.5 kg/m²  1.13 lbs/ft²

Included

Archisonic Cotton Tiles (28 pieces)  Installation guide  Take back program

1 – all dimensions are nominal  2 – all weights are nominal
1 Prepare this information:

- Project Area
- Plans
- Other Considerations

2 Specify your Cotton Tile:

- Quantity
  (multiple of 28 tiles - 5m²/ 53.8ft²)*

- Color

* - Archisonic Cotton Tiles are supplied in a pack of 28 tiles (5m²/ 53.8ft²)
Archisonic Cotton Tile

Geometry Information

Dimensions table

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>L</td>
<td>Length</td>
<td>600mm</td>
</tr>
<tr>
<td>H</td>
<td>Height</td>
<td>300mm</td>
</tr>
<tr>
<td>T</td>
<td>Thickness</td>
<td>24mm</td>
</tr>
<tr>
<td>S</td>
<td>Spacing</td>
<td>10mm</td>
</tr>
<tr>
<td>R₁</td>
<td>Radius</td>
<td>7mm</td>
</tr>
<tr>
<td>R₂</td>
<td>Radius</td>
<td>5mm</td>
</tr>
<tr>
<td>R₃</td>
<td>Radius</td>
<td>1mm</td>
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</table>

all dimensions are nominal

WeMakeAnImpact#
Archisonic Cotton Tile
Installation Overview

1
Before starting, carefully read the general instructions on page 3 and the guidelines on the use.

2
Draw the fundamental guidelines for the construction of the pattern on the application surface (we recommend always starting from a continuous vertical or horizontal line, when possible)

3
Apply the tiles to the wall, taking care to carefully follow the established pattern (follow the instructions on applying the glue)

Impact Acoustic recommends the use of Pattex No More Nails and assumes no responsibility for non-recommended glues or the use of other fixing systems.
**Neutrals**

24 mm

Neither warm nor cool, this group features three tones of Shadow. Designer White, as the cleanest white available is an essential standalone colour.

- Shadow 20
- Shadow 30
- Shadow 50
- Designer White 00

**Warm Neutrals**

24 mm

A timeless and classic warm neutral scale represented by three tones of Flax.

- Flax 10
- Flax 30
- Flax 50
**ARCHISONIC®**

Colours

**Yellows+Oranges**

24 mm

A duo tone of Wheat and three tones of Almond create a small group of yellows and oranges.

- **Almond** 20
- **Almond** 30
- **Almond** 40
- **Wheat** 30
- **Wheat** 50

**Reds+Pinks+Purples**

24 mm

Featuring a duo tone of Rose and a duo tone of the shaded red, Pigeon.

- **Rose** 20
- **Rose** 50
- **Pigeon** 20
- **Pigeon** 30
ARCHISONIC®
Colours

Blues
24 mm

A classic, easy blue scale represented by three tones of Denim.

Greens
24 mm

A duo tone of the fresher Aloe and three tones of the more shaded Sage create a commercial group of greens.
**ARCHISONIC®**

**Cotton**

**Density**
250kg/m³  
15.6lbs/ft³  
(+/-10%)

**Tile thickness**
24mm  
0.94”  
(+/-10%)

**Composition**
73% cotton cellulose, 26% mineral components  
(micronized kaolin, colouring earths, fireproof salts),  
<1% acrylic resin

**Fire rating**

B-s1, d0  
Class 1  
EN ISO 13823:2010  
(tested with Pattex adhesive)

**VOC emission**

A+  

**Care instructions**
Gently clean with a vacuum cleaner or a dry cloth.  
Do not use water, soap or liquid detergents.
Archisonic Cotton Tile
Acoustic Performance

Archisonic Cotton 24mm

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
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<tbody>
<tr>
<td>Archisonic Cotton 24mm</td>
<td>0.16</td>
<td>0.52</td>
<td>0.55</td>
<td>0.56</td>
<td>0.54</td>
<td>0.74</td>
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<tr>
<td>Archisonic Cotton 24mm with 50mm insulation</td>
<td>0.70</td>
<td>0.47</td>
<td>0.66</td>
<td>0.72</td>
<td>0.76</td>
<td>0.83</td>
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</table>

Sound Absorption Coefficient (αₚ) according to EN ISO 354
Hochschule Luzern – Prüfstelle Gebäudetechnik

The graph represents the sound absorption coefficients (αₚ) in the third octave band center frequencies. Measurement used Pink Noise as excitation signal in a reverberant room.
Archisonic Cotton Tile
Additional Information

Online Resources
A variety of resources are available online for all of our products. Please visit the product’s page for more information.

CAD files  Spec sheets and Installation Guide  Color families  Instruction videos  Associated products specs.

Ordering Process
Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days* from your first point of contact, allowing you to focus on what truly matters to you.

Contact our consultant  Order Confirmation  Dispatch  Delivery

Contact Us
Ready to make an impact? We are just an email or call away to discuss your project and answer any question.

+41 41 566 55 55  connect@impactacoustic.com  Online form

1 - Quote and Production times may vary.