

IMPACT ACOUSTIC®



ARCHISONIC® Natura¹ **Truchet**

938.30.24.000.00
938.31.24.000.00
938.32.24.000.00
938.33.24.000.00
938.34.24.000.00
938.35.24.000.00

TECHNICAL DATA SHEET

ARCHISONIC® Natura Truchet

General Information



Data

Applicable Article numbers

TYPE A	938.30.24.000.00	TYPE D	938.33.24.000.00
TYPE B	938.31.24.000.00	TYPE E	938.34.24.000.00
TYPE C	938.32.24.000.00	TYPE F	938.35.24.000.00

Dimensions¹

Length	200mm	(±1%)	7 7/8"	(±1%)
Height	200mm	(±1%)	7 7/8"	(±1%)
Thickness	24mm	(±5%)	0.9"	(±5%)

Material

Tile Exclusively in **Jute** and **Coconut** ARCHISONIC® Natura Blends (100% circular)

This material should be handled with care in order to avoid the tiles being damaged or miscoloured.

Weight²

24mm / 0.95"	6.0 kg/m ²	1.13 lbs/ft ²
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Included

ARCHISONIC® Natura
Truchet (26 tiles)



Installation
guide



Take back
program

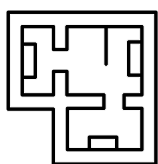


1 - all dimensions are nominal 2 - all weights are nominal

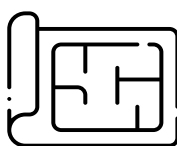
ARCHISONIC® Natura Truchet

Specification Guide

1 Prepare this information:



Project Area



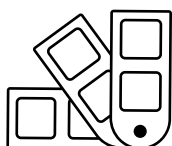
Check Our Online
Configurator

page 13



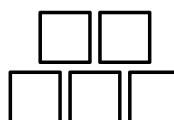
Other Considerations

2 Specify your Cotton Tile:



Blends and Colours

page 14



Quantity

(box of 25 tiles)

3 Availability

This product is available in stock in ARCHISONIC® Natura **Jute Blend** finish. Other blends and colours are produced per order and require 8-12 weeks lead time³.

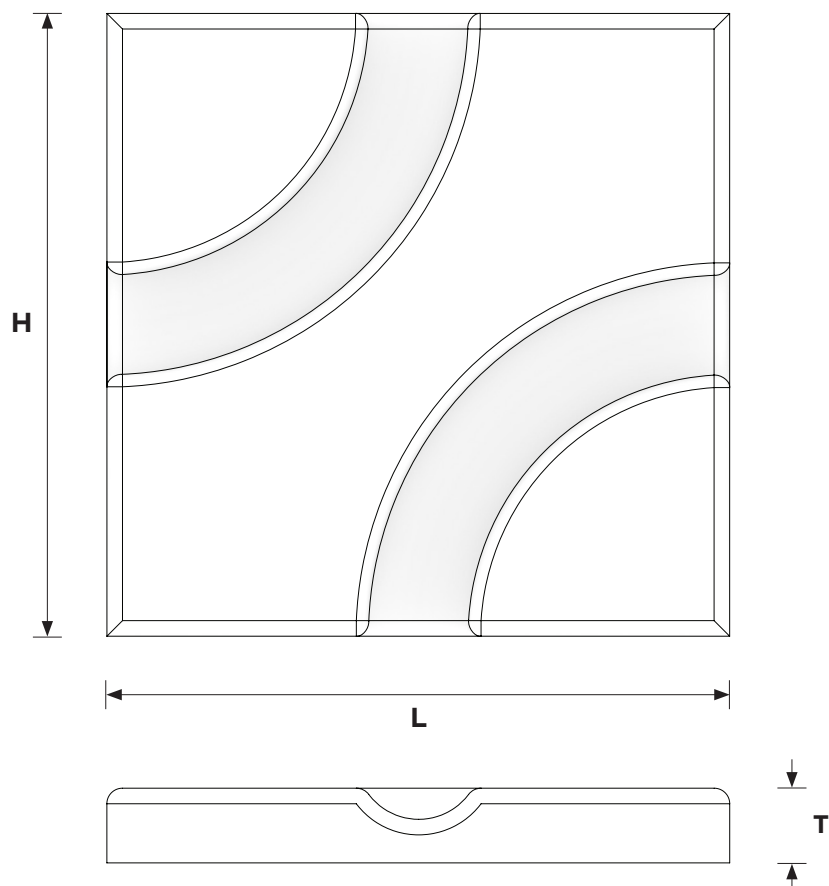
3 - lead time might vary depending on the blend and tile type

ARCHISONIC® Natura Truchet

Geometry Information

938.30.24.000.00 - ARCHISONIC® Natura **Truchet - Type A**

(Available in stock in Jute blend - Type A - 938.30.24.254.00)



Dimensions table¹

L	Length	200 mm	7 7/8"
H	Height	200 mm	7 7/8"
T	Thickness	24 mm	0.9"

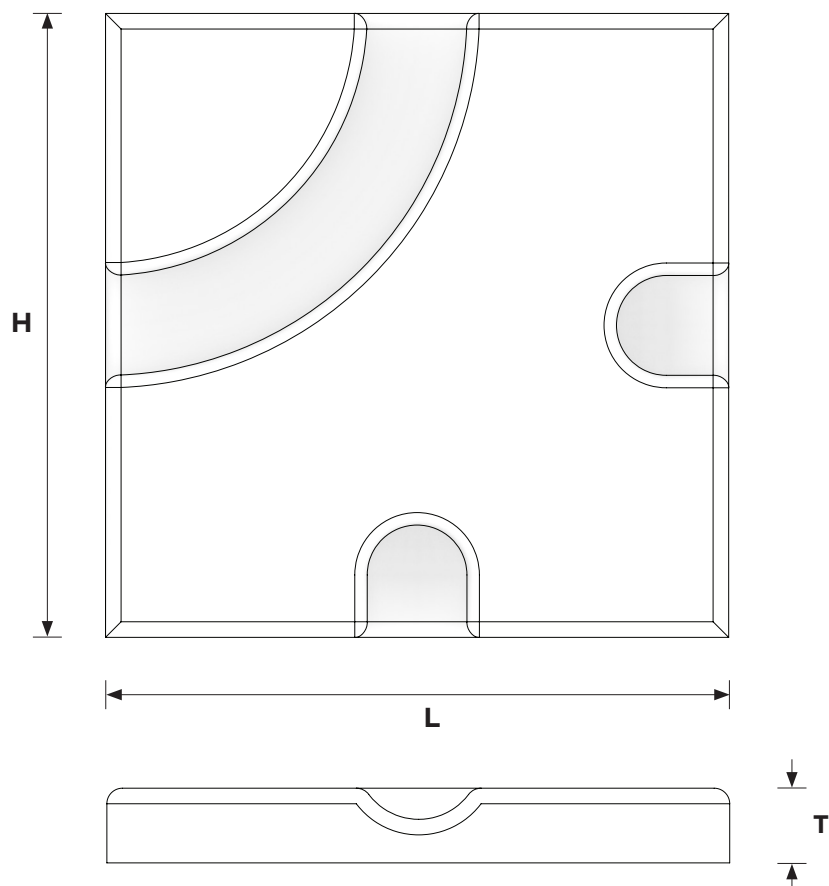
1 - all dimensions are nominal

ARCHISONIC® Natura Truchet

Geometry Information

938.31.24.000.00 - ARCHISONIC® Natura **Truchet - Type B**

(Production order item - Lead time 8-12 weeks)



Dimensions table¹

L	Length	200 mm	7 7/8"
H	Height	200 mm	7 7/8"
T	Thickness	24 mm	0.9"

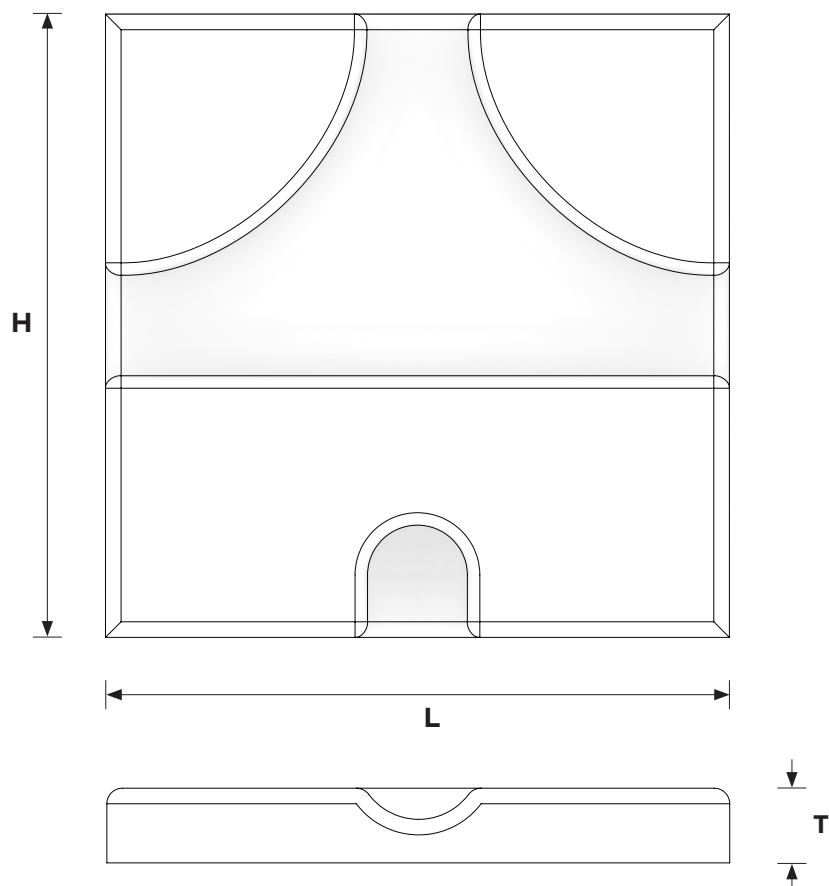
1 - all dimensions are nominal

ARCHISONIC® Natura Truchet

Geometry Information

938.32.24.000.00 - ARCHISONIC® Natura **Truchet - Type C**

(Production order item - Lead time 8-12 weeks)



Dimensions table¹

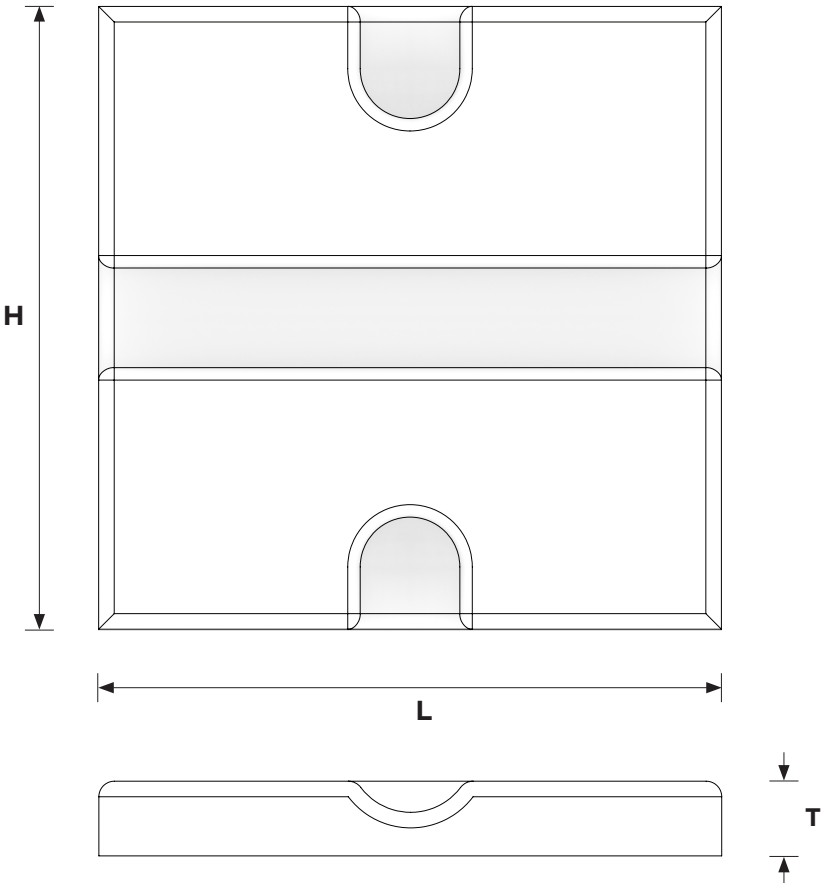
L	Length	200 mm	7 7/8"
H	Height	200 mm	7 7/8"
T	Thickness	24 mm	0.9"

1 - all dimensions are nominal

ARCHISONIC® Natura Truchet

Geometry Information

938.33.24.000.00 - ARCHISONIC® Natura **Truchet - Type D**
 (Production order item - Lead time 8-12 weeks)



Dimensions table¹

L	Length	200 mm	7 7/8"
H	Height	200 mm	7 7/8"
T	Thickness	24 mm	0.9"

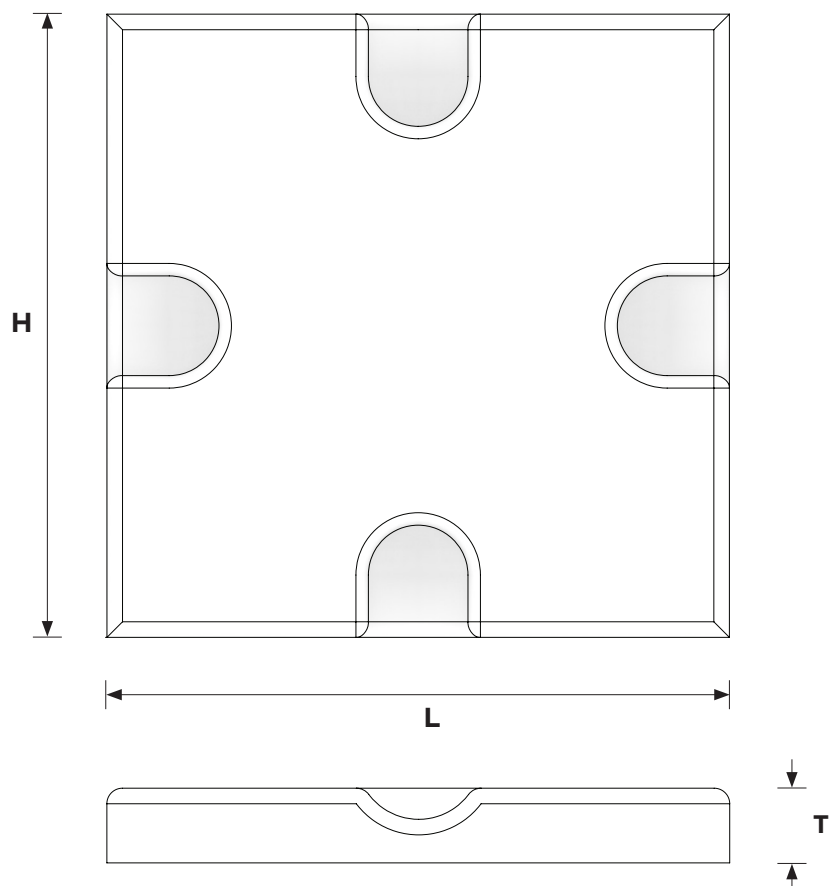
1 - all dimensions are nominal

ARCHISONIC® Natura Truchet

Geometry Information

938.34.24.000.00 - ARCHISONIC® Natura **Truchet - Type E**

(Production order item - Lead time 8-12 weeks)



Dimensions table¹

L	Length	200 mm	7 7/8"
H	Height	200 mm	7 7/8"
T	Thickness	24 mm	0.9"

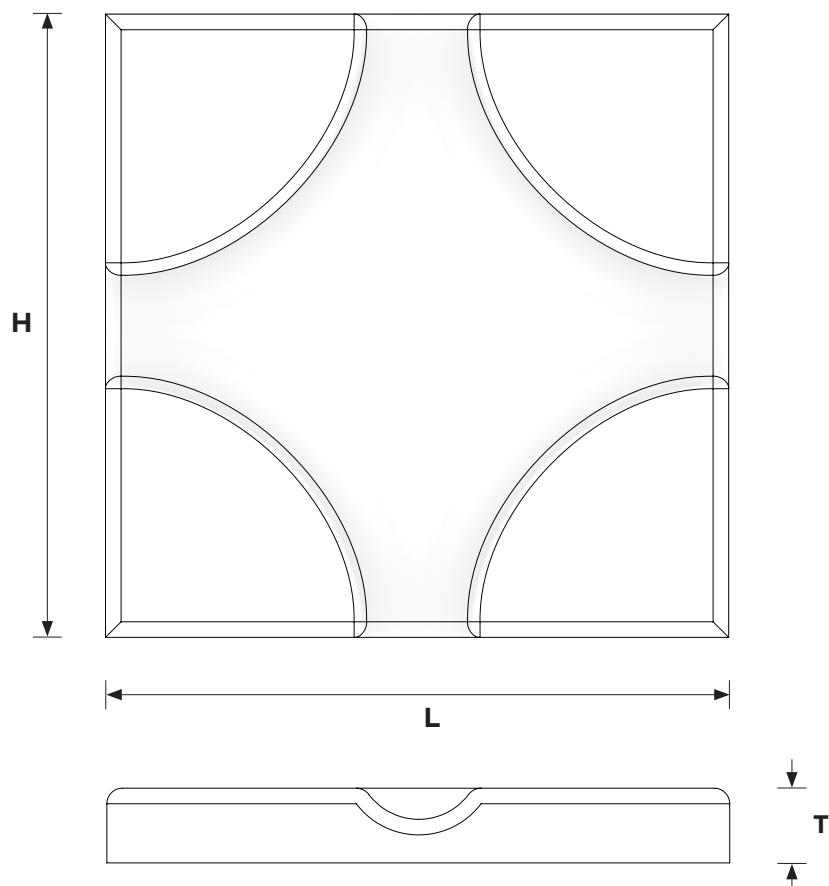
1 - all dimensions are nominal

ARCHISONIC® Natura Truchet

Geometry Information

938.35.24.000.00 - ARCHISONIC® Natura **Truchet - Type F**

(Production order item - Lead time 8-12 weeks)



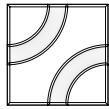
Dimensions table¹

L	Length	200 mm	7 7/8"
H	Height	200 mm	7 7/8"
T	Thickness	24 mm	0.9"

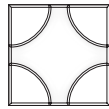
1 - all dimensions are nominal

ARCHISONIC® Natura Truchet

Suggested Tile Combinations



Type A

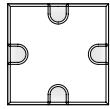


Type F

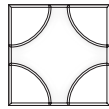


ARCHISONIC® Natura Truchet

Suggested Tile Combinations



Type E

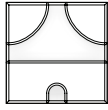


Type F



ARCHISONIC® Natura Truchet

Suggested Tile Combinations



Type C



ARCHISONIC® Natura Truchet

Online Configurator

Unleash your creativity and explore our Online Configurator for ARCHISONIC® Natura Product. Choose implementation size, colors and combine multiple tile types to create your own arrangement.

For more information, please [contact](#) our consultants.



General Parameters

Input/Display Units
Metric System

Archisonic Cotton Tile Product (Metric)
Truchet (200mmx200mm)

Wall Size

Wall Length (mm)
1000 15000 2000

Wall Height (mm)
1000 15000 1500

Tile Gaps

Tile Gaps
☒

Tile Gap Distance (mm)
0 10 2

Colors
Two Colors

Color Selection

Color 1 Selection
30 Sage

Color 2 Selection
30 Sage

Tile Parameters

Archisonic Cotton Tile Truchet - Tile Type
Truchet Tile A X Truchet Tile D X Truchet Tile F X

Tile Quantities | Truchet Tile A

14 14 12

30 SAGE 30 SAGE 30 SAGE

Tile Quantities | Truchet Tile D

14 14 12

30 SAGE 30 SAGE 30 SAGE

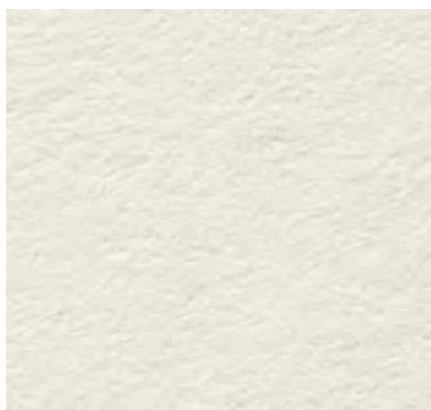
Tile Quantities | Truchet Tile F

14 14 12

30 SAGE 30 SAGE 30 SAGE

Organic Blends Collection

Organic Blends Collection expands of our bestselling Cotton blend, adding 2 new natura and 100% circular material compositions to our collection. Choose between Cotton blend for refine and pure character, Jute for visible fibers articulation or Coconut for intense natural aesthetics.



COTTON Blend

Produced with Cotton Linters. (75% cotton linters, 25% Mineral components including White clay, earth pigments, fire retardant salts)



JUTE Blend

Produced with Jute Fibres. (75% fibres and 25% mineral components including eggshell calcium carbonate and fire retardant salts)



COCONUT Blend

Produced with Coconut Waste Fibres. (75% fibres and 25% mineral components including eggshell calcium carbonate and fire retardant salts)

Reinforced by nature

Our Organic Blends - Jute and Coconut use calcium carbonate sourced exclusively from eggshells to maintain its structural performance. It acts as a functional mineral filler that enhances acoustic tuning, fire performance, dimensional stability, and material consistency in recycled cotton acoustic panels.



ARCHISONIC® Natura Truchet

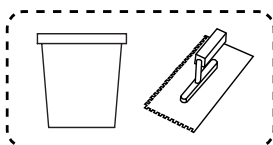
Recommended Installation Method

For wall installation we recommend using mineral mortar with no or very low content of chemical additives like **Bioflex from Kerakoll**. It is important that mortar is thixotropic and exhibit low vertical slip properties and long open time, like **Bioflex from Kerakoll** (<https://products.kerakoll.com/en/p/bioflex>).

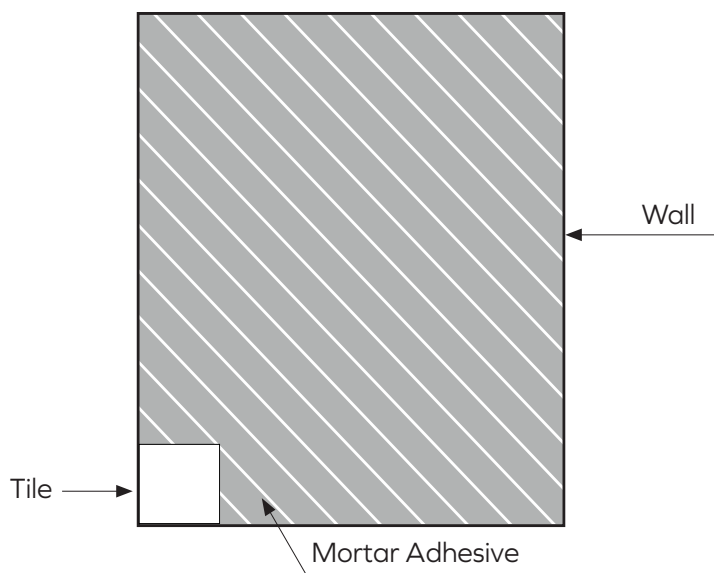
Familiarize yourself with the application instructions for the tile mortar and prepare it accordingly. A notched trowel with 6 x 6 x 6 mm teeth is recommended for working with the tiles (e.g. LUX Classic 6 x 6 mm trowel).

All substrates must be level, hardened and undamaged, resistant, dry and free from binding agents and rising damp. Cementitious substrates can be moistened before application or coated with primer.

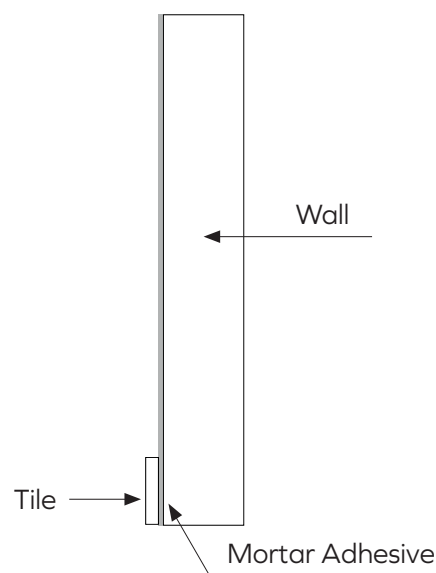
Please see full [Installation Guide](#) for more information.



Front



Side



ARCHISONIC® Natura

Jute Blend Specification

Density

250kg/m³
15.6lbs/ft³ (+/-10%)



EN 15102: 2007 + A1: 2011
0497

Tile Thickness

24mm
0.94" (±5%)

Composition

75% cellulose incl. jute fibres; 25% mineral components including eggshell calcium carbonate and fire-retardant salts.

Fire Rating

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

Class A
ASTM E84

VOC Emission

A+
UNI EN ISO 16000-9: 2006 + ISO 16000-6: 2011

Care Instructions

Gently clean with a vacuum cleaner or a dry cloth.
Do not use water, soap or liquid detergents.

ARCHISONIC® Natura

Coconut Blend Specification

Density

250kg/m³
15.6lbs/ft³ (+/-10%)



EN 15102: 2007 + A1: 2011
0497

Tile Thickness

24mm
0.94" (±10%)

Composition

75% cellulose including coconut Waste fibres; 25% mineral components including eggshell calcium carbonate and fire retardant salts.

Fire Rating

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

Class A
ASTM E84

VOC Emission

A+
UNI EN ISO 16000-9: 2006 + ISO 16000-6: 2011

Care Instructions

Gently clean with a vacuum cleaner or a dry cloth.
Do not use water, soap or liquid detergents.

ARCHISONIC® Natura Truchet

Acoustic Performance

Testing Standards

ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound reduction of elements based on laboratory measurements
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests

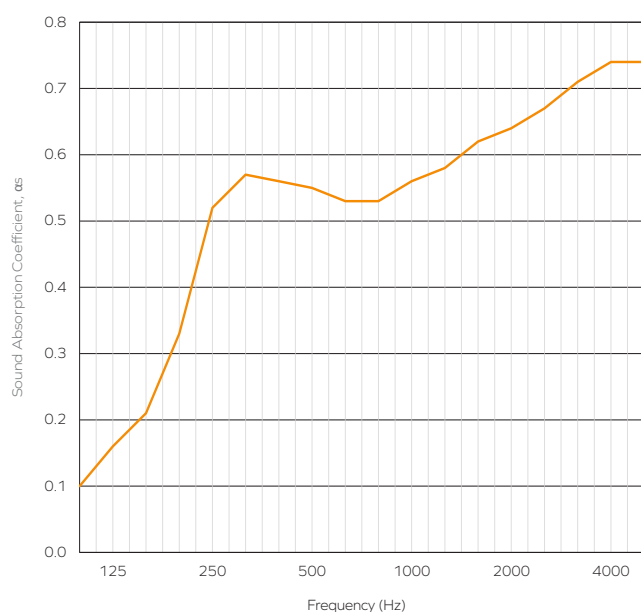
Acoustic Test Result

	α_w	SAA	NRC
ARCHISONIC® Natura Truchet	0.60 (H)	0.56	0.55

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

Acoustic Performance

Frequency (Hz)		125	250	500	1000	2000	4000
ARCHISONIC® Natura Truchet	α_p	0.15	0.45	0.55	0.55	0.65	0.75



● ARCHISONIC® Natura Truchet

The table represents the practical sound absorption coefficient (α_p) in accordance with ISO 11654. The graph represents the sound absorption coefficients (α_s) in the third octave band center frequencies in accordance with ISO 354. Measurement used Pink Noise as excitation signal in a reverberant room.

ARCHISONIC® Natura Truchet

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



Colour 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 days¹ from your first point of contact, allowing you to focus on what truly matters to you.



Contact our
consultant

Quote¹

48h



Order Confirmation

Production¹

8-12 weeks



Dispatch

Transit

location based



Delivery

Contact Us

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



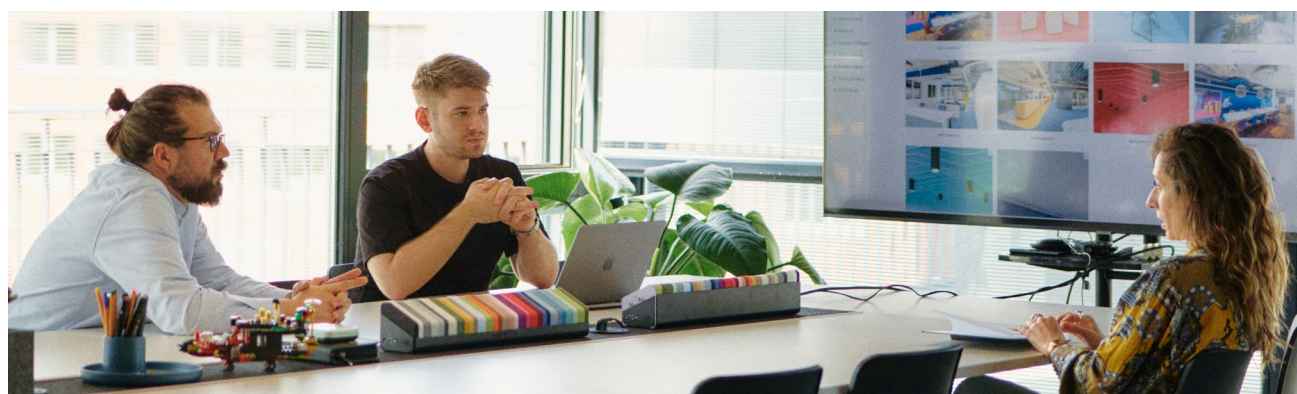
+41 41 244 14 00



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

IMPACT ACOUSTIC®
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WeMake
AnImpact

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