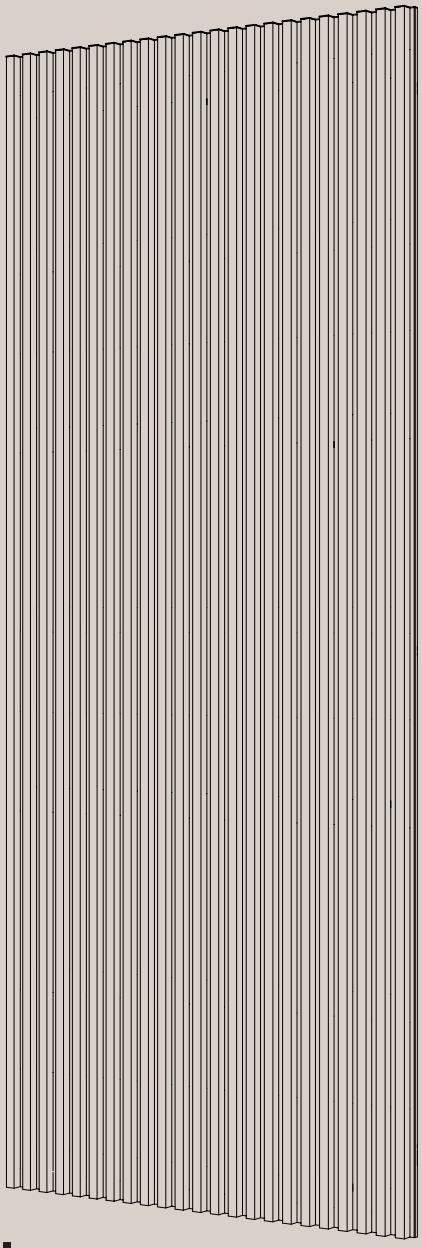
IMPACT ACOUSTIC®



Track
Wall Panels

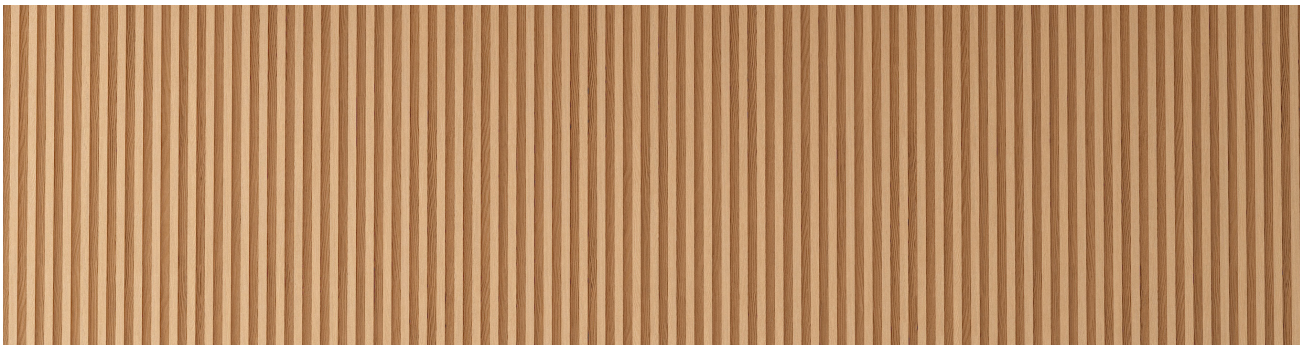
735.12.10.000.00
735.12.11.000.00
735.12.12.000.00
735.12.13.000.00

TECHNICAL DATA SHEET

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Track Wall Panels

General Information



Data

Applicable article numbers

ARCHISONIC® Felt		ARCHISONIC® Riftcut	
735.12.10.000.00	735.12.11.000.00	735.12.12.000.00	735.12.13.000.00

Single element dimensions[1]

Width	1200 mm	47″	
Height	2800 mm	110″	
Thickness	44 mm	1 3/4″	*(without substructure)*

Material

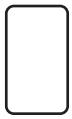
Panel	100% PET (60% post-consumer)
Substructure Profiles	Aluminum anodized black

Weight[2]

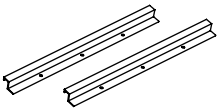
Panel	24kg (±10%)	53 lbs (±10%)	*(without substructure)*
Substructure Profiles	0.5kg (±10%)	1.1 lbs (±10%)	*(weight of four profiles)*

Included

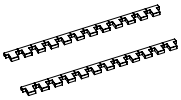
Track Panels



Mounting Z-Clip profiles (pack of 7)



Endcaps 2x (optional)



C00093

Installation guide



Warranty 2 years[3]



1 - all dimensions are nominal 2 - all weight values are nominal

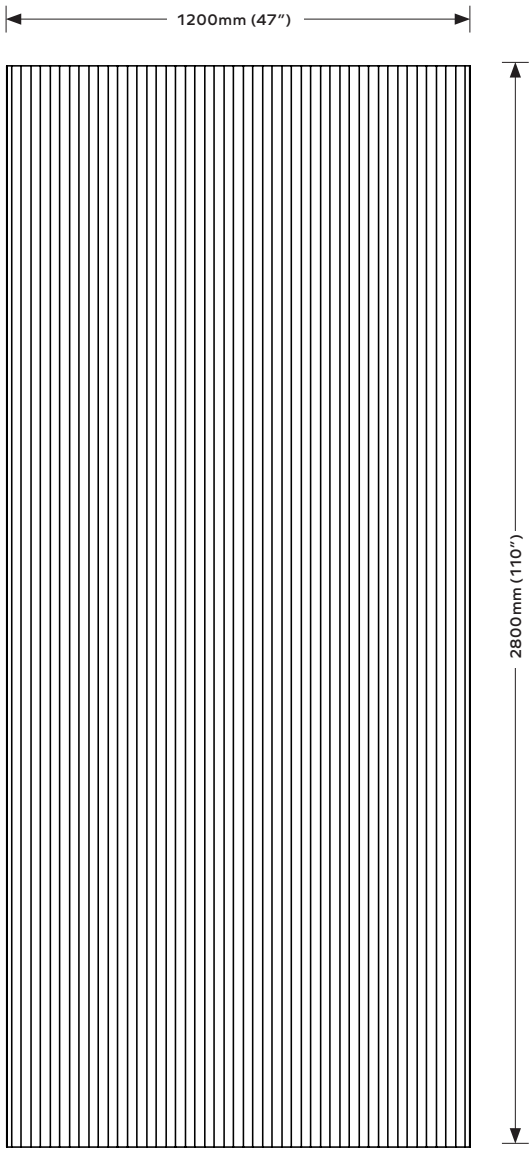
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Track Wall Panels

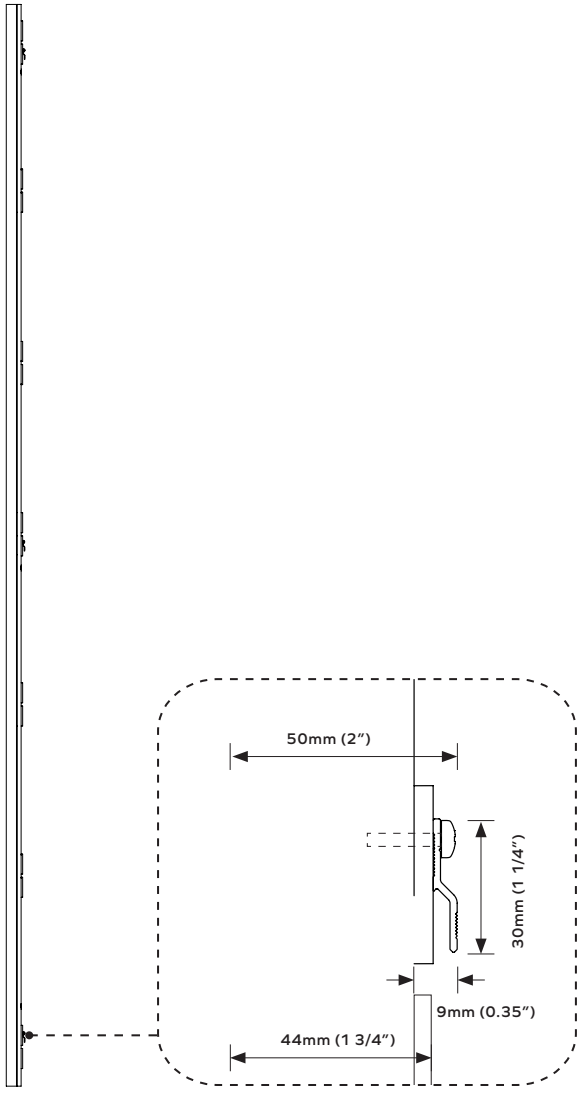
Geometry Information[1]

735.12.**10**.000.00 and 735.12.**12**.000.00 - Regular

FRONT

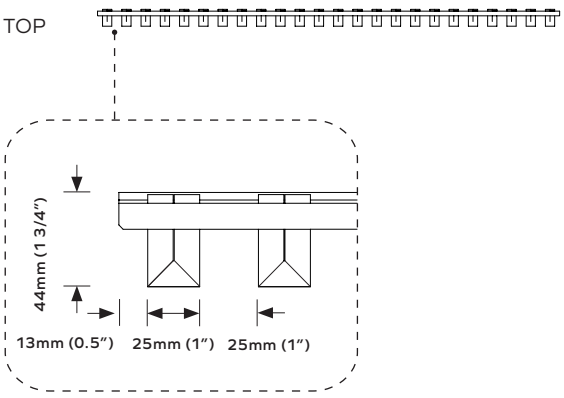


SIDE



Z-Clip profile on the back of the panel. Z-Clip needs to be installed on top of the extension tabs.

TOP



1 - all dimensions are nominal

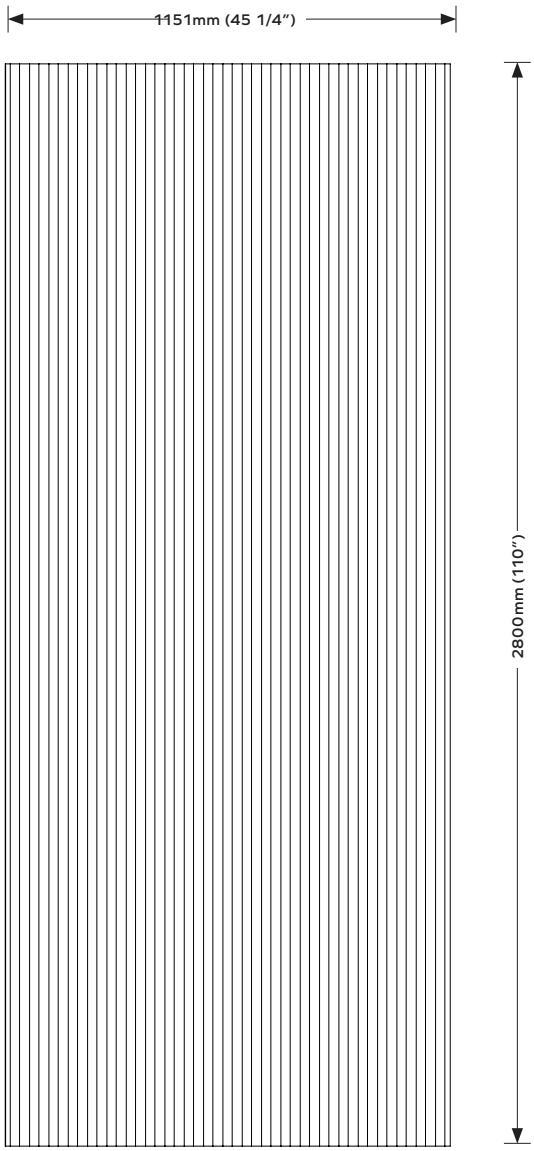
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Track Wall Panels

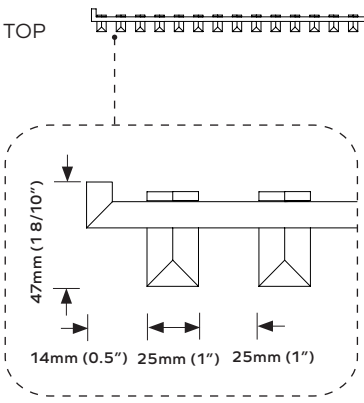
Geometry Information[1]

735.12.**11**.000.00 and 735.**13**.12.000.00 - Edge

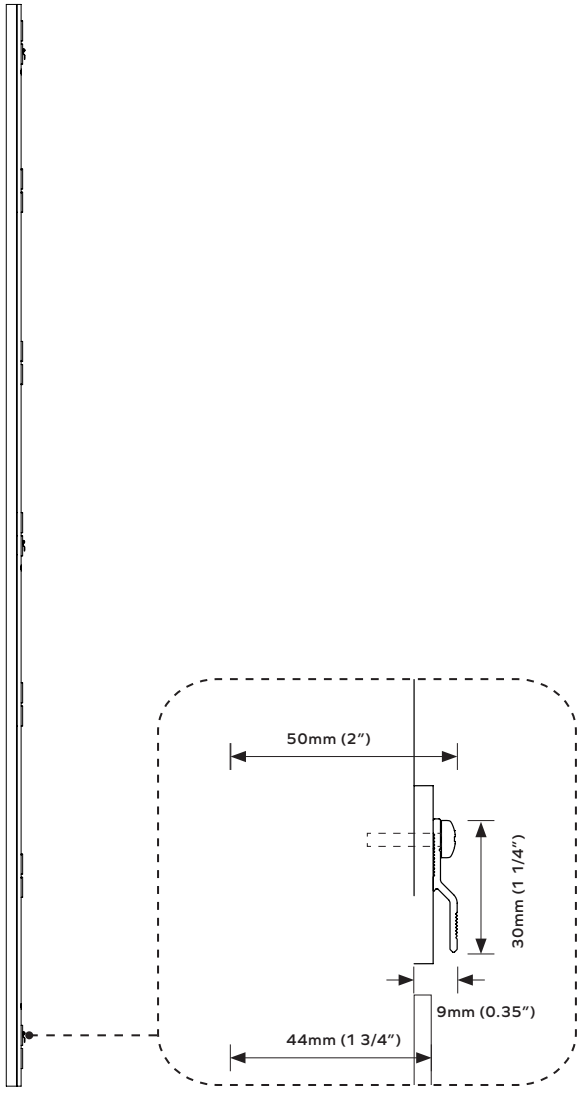
FRONT



TOP



SIDE



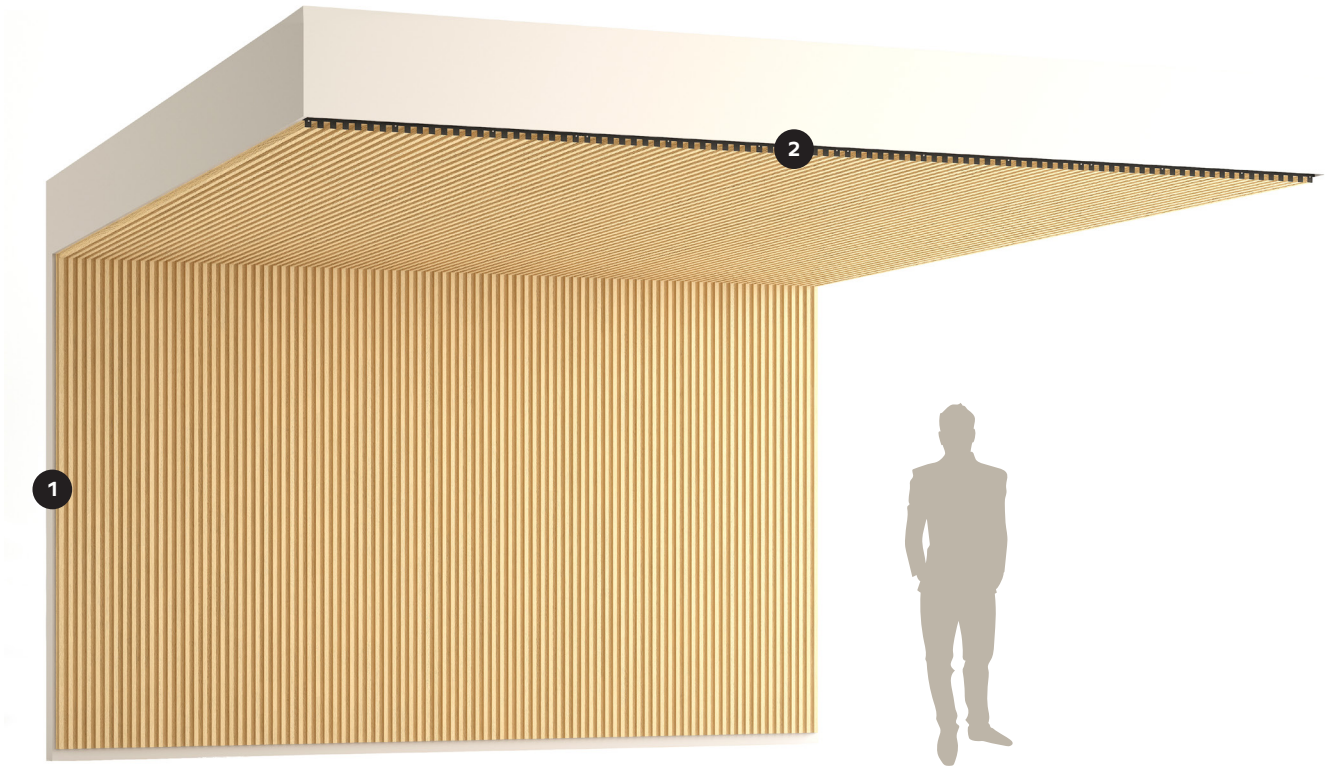
Z-Clip profile on the back of the panel. Z-Clip needs to be installed on top of the extension tabs.

1 - all dimensions are nominal

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Track Wall Panels
Product Family

Track panels are available as a product family of 1 Track Wall Panels and 2 Track Ceiling Panels.

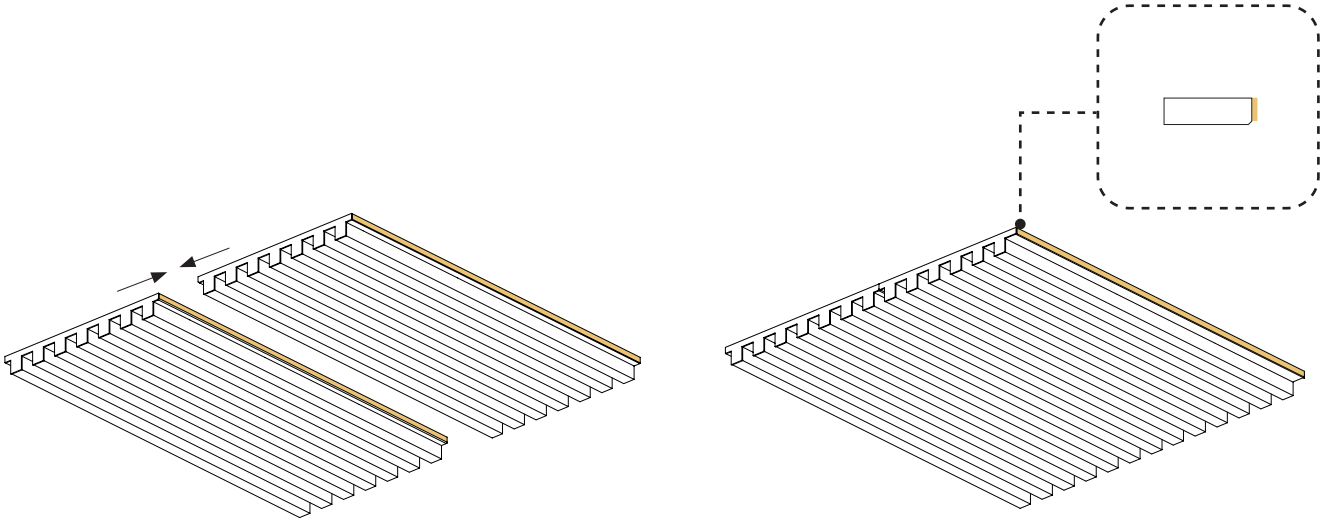


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Track Wall Panels
Edge Treatment

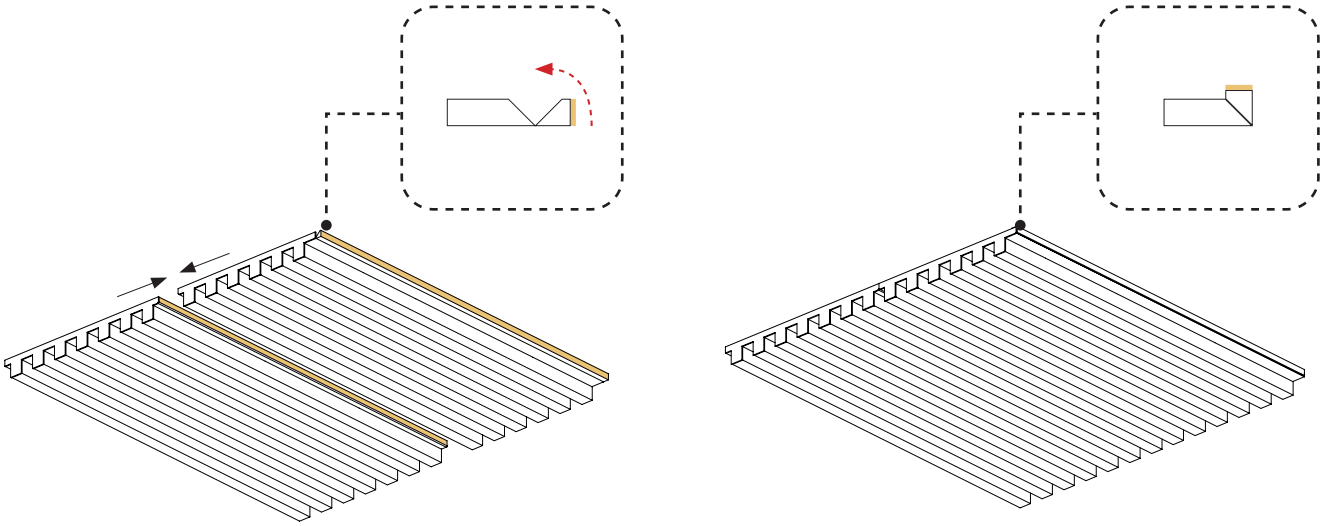
1 **Standard edge treatment** *(735.12.10.000.00, 735.12.12.000.00)*

Raw white ARCHISONIC® Felt panel is exposed at the long edge of the panel When face joining consecutive panels in assembly the edge remains visible only at the last panel in a series.



2 **Flip-Edge treatment** *(735.12.11.000.00, 735.12.13.000.00)*

If you require the last panel in the series to have concealed edge, without exposing the raw white ARCHISONIC® Felt colour , please request flip-edge edge treatment when contacting our consultants. Flip-Edge allows you to bend the panel edge upwards, hiding the exposed raw panel colour. The Flip-Edge can be glued on site using the hot glue gun.



[1] all dimensions are nominal

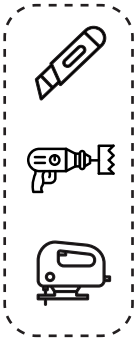
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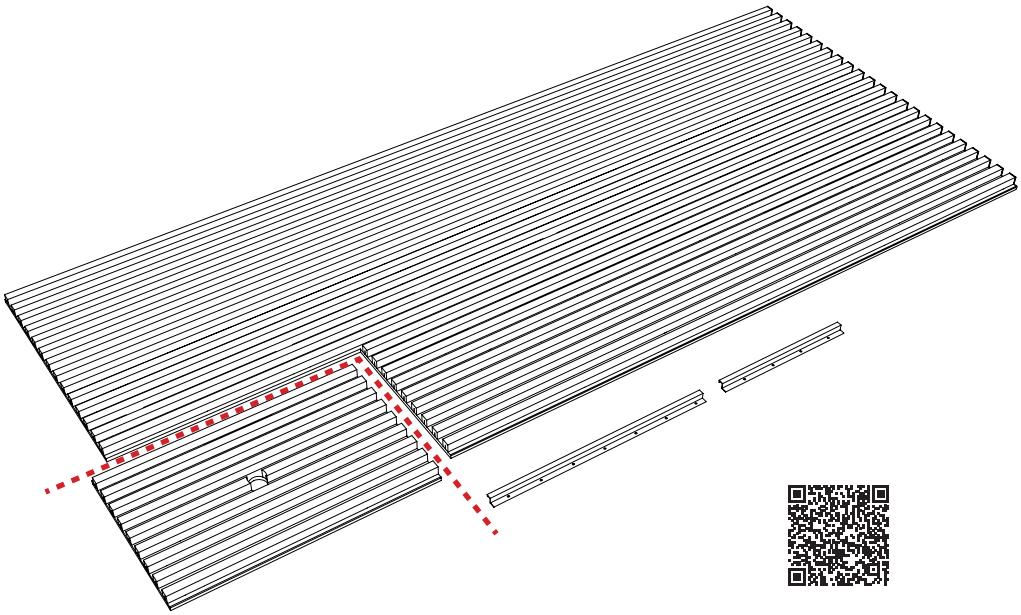
Track Wall Panels
Assembly Overview

Extended document available

1 On-Site adjustments.

Track base tiles can be adjusted on site using standard tools like a utility knife, a crown drill (hole saw) or a circular saw. The aluminum profiles can also be trimmed using a power saw with a steel blade or an angle grinder.

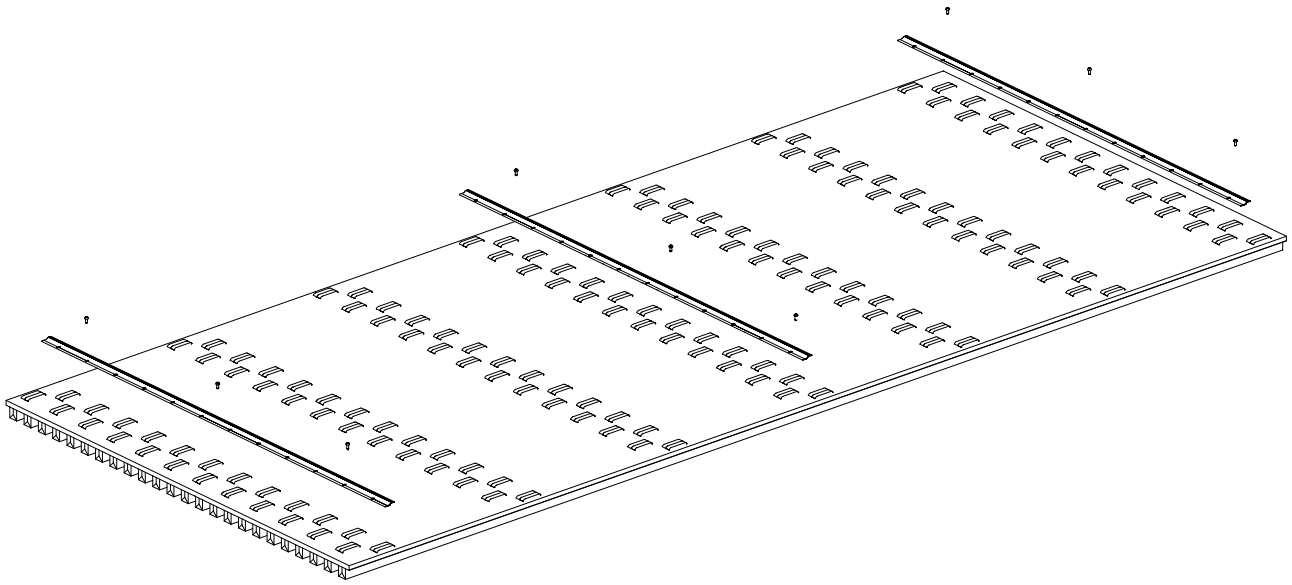




Online Video Available

2 Install Z-Clip profiles at the back of the panel.

Install the profiles using included M4 11.5mm screws. If required, profiles can be cut on site using a metal blade jig saw or blade saw. The Z-Clip profiles need to be installed along the tabs extending at the back of the panel.



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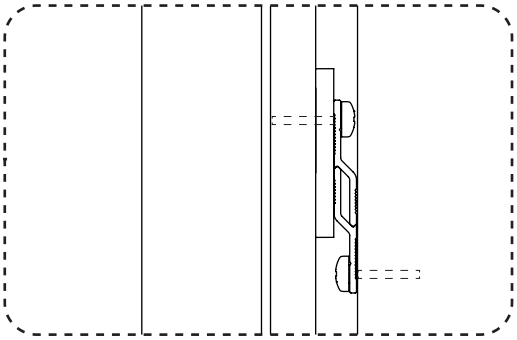
Track Wall Panels

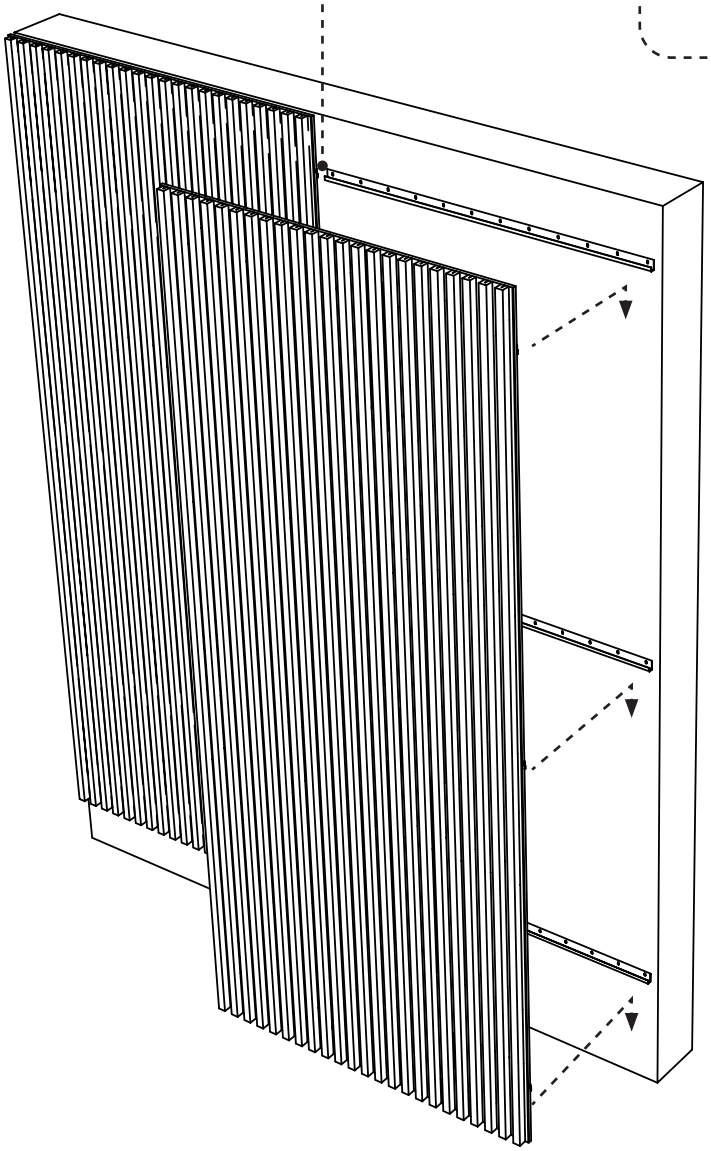
Installation Overview

1 **Install counter profiles to the wall.**

Measure and install counter profile to the wall using hardware suitable for the type of the wall (not included)







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Track Wall Panels

Acoustic Performance

Testing Standards

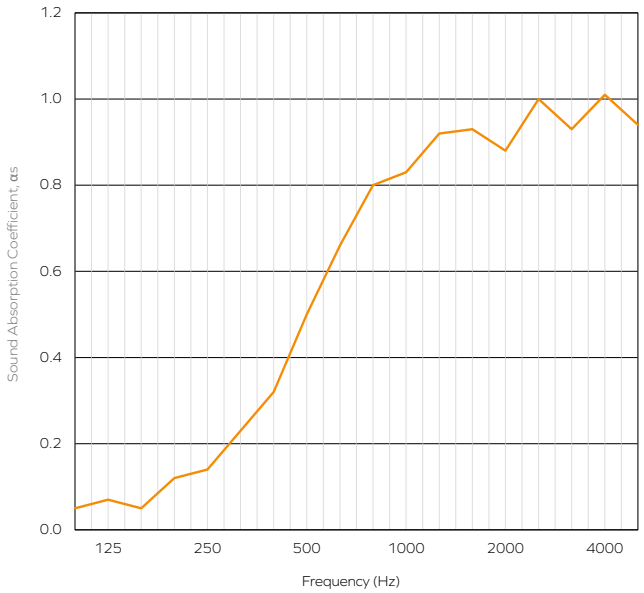
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests

Acoustic Test Results	αw	SAA	NRC
Track	0.45 (MH)	0.61	0.60

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
Track	α_p	0.05	0.15	0.50	0.85	0.95	0.95



Track

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

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ARCHISONIC®
Colours

Material brochure available

									
Name	Snow White	Cloud	Smoke	Slate	Charcoal	Raven	Ground	Gull	Milk
Code	**500**	**103**	**442**	**444**	**542**	**550**	**108**	**144**	**404**
NCS	S 0300-N	S 1002-B	S 3005-R80B	S 4500-N	S 7502-B	S 8500-N	S 5005-Y20R	S 2502-Y	S 0502-Y
									
Name	Linen	Dune[S]	Jute	Fallow[S]	Warm Stone	Truffle[S]	Sunshine	Honeycomb	Electric Orange
Code	**107**	**104**	**920**	**238**	**105**	**539**	**846**	**139**	**464**
NCS	S 1505-Y30R	S 2005-Y	S 3010-Y30R	S 5010-Y30R	S 3010-Y50R	S 8502-R	S 1040-Y10R	S 2050-Y20R	S 0580-Y70R
									
Name	Terracotta	Soft Coral	Cinnabar[S]	Shell Pink	Garnet	Poster Red	Hot Pink	Grape	Marine Blue
Code	**239**	**516**	**725**	**102**	**724**	**662**	**140**	**540**	**864**
NCS	S 4040-Y70R	S 2020-Y90R	S 6030-R	S 0510-R30B	S 5040-R10B	S 1080-R	S 2060-R20B	S 5040-R40B	S 4050-R70B
									
Name	Midnight	Royal Blue[S]	Winter Sky	Deep Sea	Nocturne[S]	True Navy	Ice Blue	Pacific Ocean	Lagoon[S]
Code	**810**	**865**	**410**	**918**	**866**	**194**	**304**	**432**	**917**
NCS	S 7020-R70B	S 3560-R80B	S 2020-R90 B	S 5020-R90B	S 8010-R90B	S 8005-B	S 0510-B	S 3040-B	S 7020-B30G
									
Name	Succulent	Spearmint	Seafoam[S]	Nordic Pine	Moss	Grove	Pistachio[S]	Lichen	Fern
Code	**712**	**706**	**710**	**311**	**439**	**317**	**315**	**160**	**180**
NCS	S 3020-B30G	S 1010-B90G	S 3010-G30Y	S 5030-G10Y	S 2040-G40Y	S 7020-G30Y	S 5020-Y	S 4005-Y	S 6010-G90Y

These NCS codes are the closest visual match available and may not be exact to blended fibres.
S - Solid Colours, additional charge might apply.

ARCHISONIC®

Colours

Experience our ARCHISONIC® Felt material with a stunning selection of 45 colours across 9 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colours to create harmonious palettes that suit your preferences. Discover more in our Materials brochure and order your free sample box today.

Colour fastness

Class 6

ISO 105-B02:A1

Order a free sample box

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ARCHISONIC® Print Riftcut

A Synthesis of Nature and Innovation

Developed in collaboration with German veneer specialists Schotten & Hansen and Swiss designer Ina Rinderknecht, ARCHISONIC® Print Riftcut adds a natural touch to our acclaimed Felt range.



ARCHISONIC® Print Riftcut Flax 50

Colour options

The printed shades form the basis of a 24-colour spectrum, offering interior designers a sophisticated range of options linked to natural dyes.



Sustainable Ink

CP65 and RoHS3 compliant

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

Order a free sample



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ARCHISONIC® Print
Riftcut Natural Collection

Natural Collection colour sets

Riftcut Natural Collection (NC) is a natural wood shade extension to our bestselling Riftcut. Developed in collaboration with German veneer specialists Schotten & Hansen, ARCHISONIC® Print Riftcut NC introduces 3 different colour groups: elegant brights, essential mids and classical darks.

107

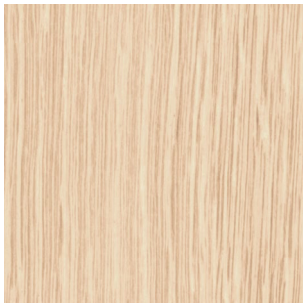
ELEGANT BRIGHTS



240 Pebble



241 Sunlit



242 Blush

920

ESSENTIAL MIDS



243 Malt



244 Honey



245 Mocha

105

CLASSICAL DARKS



246 Woodsmoke



247 Bourbon



248 Twilight

Sustainable Ink

CP65 and RoHS3 compliant

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PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818

GOLD

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ARCHISONIC® Felt
Material Specification

Product Name	ARCHISONIC® Felt
Content	100% PET (60% certified post-consumer content)
Thickness[1]	12mm (0.47")
Max. Size	1200x2800mm (47"x110")
Acoustic[2]	**ASTM:** NRC=0.6 **ISO**: αw=0.65
Density[1]	2400 g/m² (0.49 lbs/ sqft) 0.9 0.95
Colour Fastness	**Class 6** ISO 105-B02:A1
Colours	**45 colours** (see ARCHISONIC® Felt Colour page for more information)
Maintenance	For daily cleaning we recommend alcohol solution (75%), e.g. Pantasept. In case of contamination by dust or fluff, use feather duster or a regular vacuum cleaner. For heavy dirt, treat the material with hydrogen peroxide.
Lead time[3]	21 days
Fire Rating[4]	DIN EN 13501-1: **B-s1, d0** ASTM E84 **Class A**
VOC Emission	**Indoor Air Comfort® GOLD** Compliance with leading international indoor air quality standards and sustainable building schemes across Europe and North America, including LEED, WELL, BREEAM, M1, AgBB, EMICODE, EU Taxonomy and REACH requirements. Additional documentation available upon request.
Thermal Conductivity[5]	12 mm: 0.039 W/m·K
Thermal Resistance[5]	12 mm: 0.30 m²K/W
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, SCS Recycled Content
Durability	Contract

1 - all values are nominal 2 - measured with 300mm air cavity 3 - depending on the location and type of product
4 - the following colours carry a B-s2 fire certificate rating: Hot Pink 140 12mm, Lichen 160 12mm, True Navy 194 24mm, Pacific Ocean 432 24mm, Pacific Ocean 432 12mm, Electric Orange 464 24mm, Soft Coral 516 24mm, Raven 550 24mm, Raven 550 12mm, Poster Red 662 12mm, Garnet 724 12mm, Midnight 810 24mm, Marine Blue 864 24mm
5 - values based on third-party testing according to ASTM C518.

Climate-KIC is supported by the EIT, a body of the European Union

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ARCHISONIC® Felt
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Max. Size	1200x2800mm (47"x110")
Acoustic[2,]	**ASTM:** NRC=0.6 **ISO:** αw=0.65
Density[1]	2400 g/m² (0.49 lbs/ sqft) 0.9 0.95
Colour[6]	**33** printed finishes.
Maintenance[6]	To prevent dust and stains, regularly dust or vacuum with a soft brush. Avoid tools that might scratch the surface. Use mild detergents sparingly for tough stains, blotting instead of rubbing with a microfiber cloth. Test cleaning methods on a hidden area first to check for adverse effects.
Lead Time[3]	21 days
Fire Rating[4]	DIN EN 13501-1: **B-s1, d0** ASTM E84 **Class A**
VOC Emission	**Indoor Air Comfort® GOLD** Compliance with leading international indoor air quality standards and sustainable building schemes across Europe and North America, including LEED, WELL, BREEAM, M1, AgBB, EMICODE, EU Taxonomy and REACH requirements. Additional documentation available upon request.
Thermal Conductivity[5]	12 mm: 0.039 W/m·K
Thermal Resistance[5]	12 mm: 0.30 m²K/W
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, SCS Recycled Content
Ink Certifications[6]	UL Greenguard, No NVC, No VOCs, No TPO, Vegan, compliant with California Prop65 (CP65) and European Directive RoHS3
Durability	Contract

1 - all values are nominal 2 - measured with 300mm air cavity 3 - depending on the location and type of product
4 - the following colours carry a B-S2 fire certificate rating: Hot Pink 140 12mm, Lichen 160 12mm, True Navy 194 24mm, Pacific Ocean 432 24mm, Pacific Ocean 432 12mm, Electric Orange 464 24mm, Soft Coral 516 24mm, Raven 550 24mm, Raven 550 12mm, Poster Red 662 12mm, Garnet 724 12mm, Midnight 810 24mm,Marine Blue 864 24mm
5 - values based on third-party testing according to ASTM C518.
6 - valid for Felt Printed products only

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