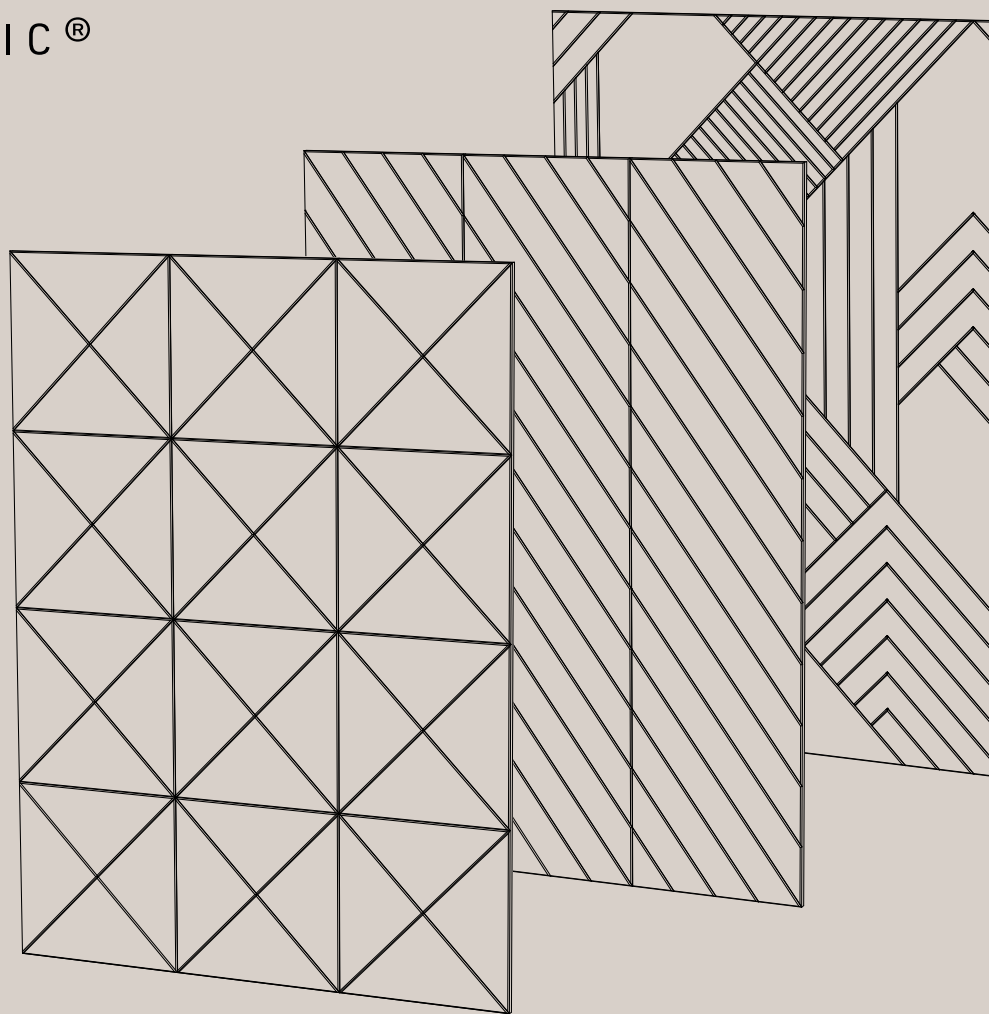


IMPACT ACOUSTIC®



Wall Panels

Ready-made

731.24.11-31.000.00

731.12.11-31.000.00

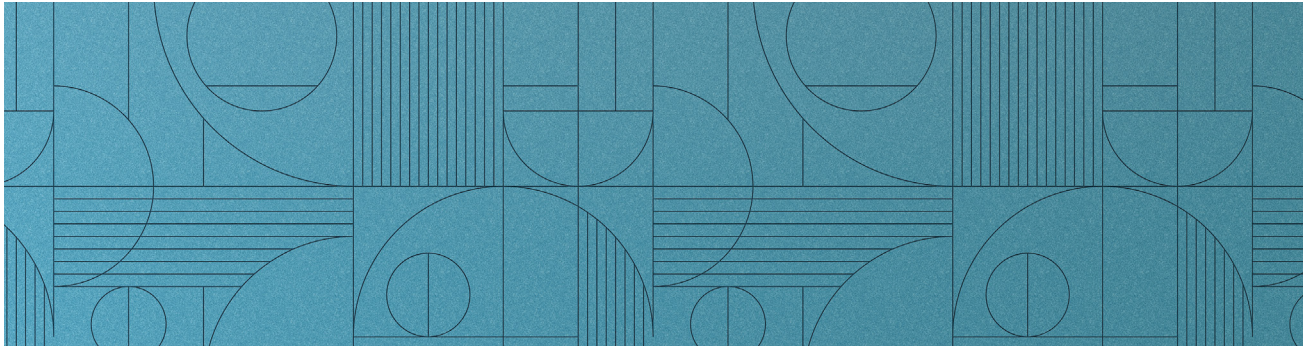
732.24.10-33.000.00

732.12.10-33.000.00

TECHNICAL DATA SHEET

Wall Panels

General Information

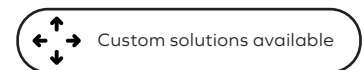


Data

Applicable article numbers

731.24.11-31.000.00 and .10
731.12.11-31.000.00 and .10
732.24.10-33.000.00 and .10
732.12.10-33.000.00 and .10

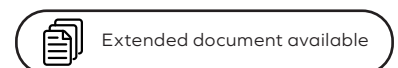
Total Dimensions ¹	24mm / 12 mm	0.9" / 0.5"
Height	2400mm / 2800mm	95" / 110"
Width	1800mm / 1200mm	71" / 47"



Custom solutions available

Material

Wall Covering 100% PET (60% post-consumer) in 45 colours



Extended document available

Weight²

24mm / 0.95"	4 kg/m2	0.82 lbs/sq.ft
12mm / 0.47"	2.4 kg/m2	0.49 lbs/sq.ft

Included

PET Panels



Installation
guide



Warranty
10 years³



1 - all dimensions are nominal

2 - all weights are nominal

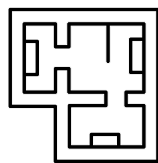
3 - Impact Acoustic warranty terms apply

Wall Panels

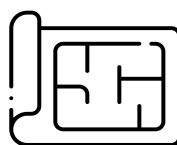
Specification Guide

Ensure you make the perfect choice by choosing our solutions for your next project. To get started, simply define some basic information and constraints about your space. Then explore our range of standard solutions or contact us directly for a more in-depth discussion of personalised customized options.

1 Prepare this information:



Project Area

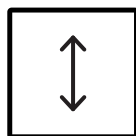


Plans

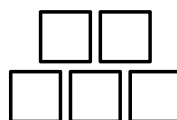


Other Considerations

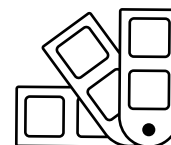
2 Specify your Wall Covering:



Material Thickness

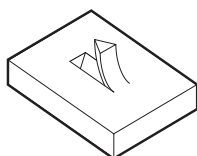


Quantity

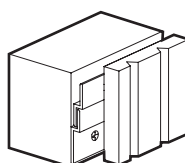


Colour

3 Mount options:



Undercover mount¹



Z-Clip profiles



Spray adhesive

4 Article numbers:

732	Material Thickness ²	12	Colour	Mount type
732	24mm	12	Choose colour	00
	12mm			

Example: 732.24.12.662.00

Wall Covering - Kingscross, 2400 x 1800 x 24mm, 662 - Poster Red, 00 - Undercover mount

¹ - Patent Pending No.102024000009088

² - all dimensions are nominal

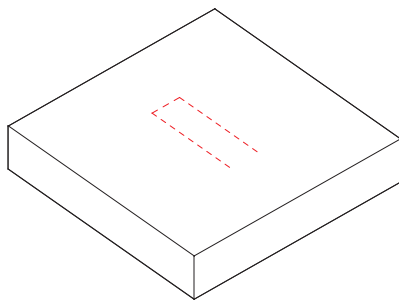
Wall Panels

Installation methods overview

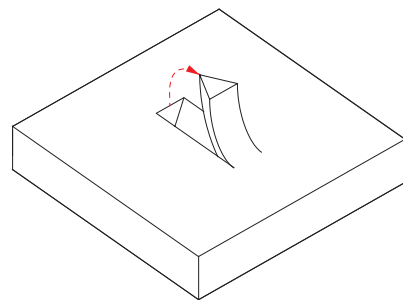
Undercover Mount (standard) *Patent Pending¹*

All our Wall Covering products come with pre-cut **Undercover** attachment points. Those points are distributed along the edge (10-15mm offset) of the panel. **Undercover** mounting system allows for concealed mechanical attachment of the panel to the mounting surface. The **installation hardware** (screws, bolts) needs to be selected in accordance to the surface on which panels are applied, and are **not included**.

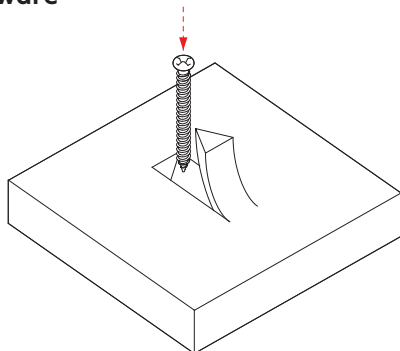
1 Locate the Undercover cuts on the panel



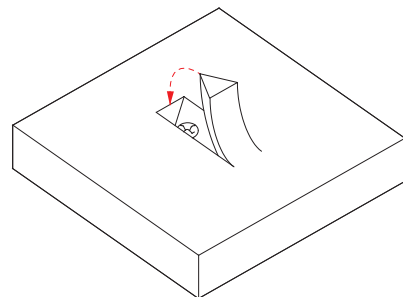
2 Pull out the edge



3 Install hardware



4 Close



¹ - Patent Pending No.102024000009088

Geometry Information

Plain 24mm

Applicable article numbers

732.24.33.000.00 and .10

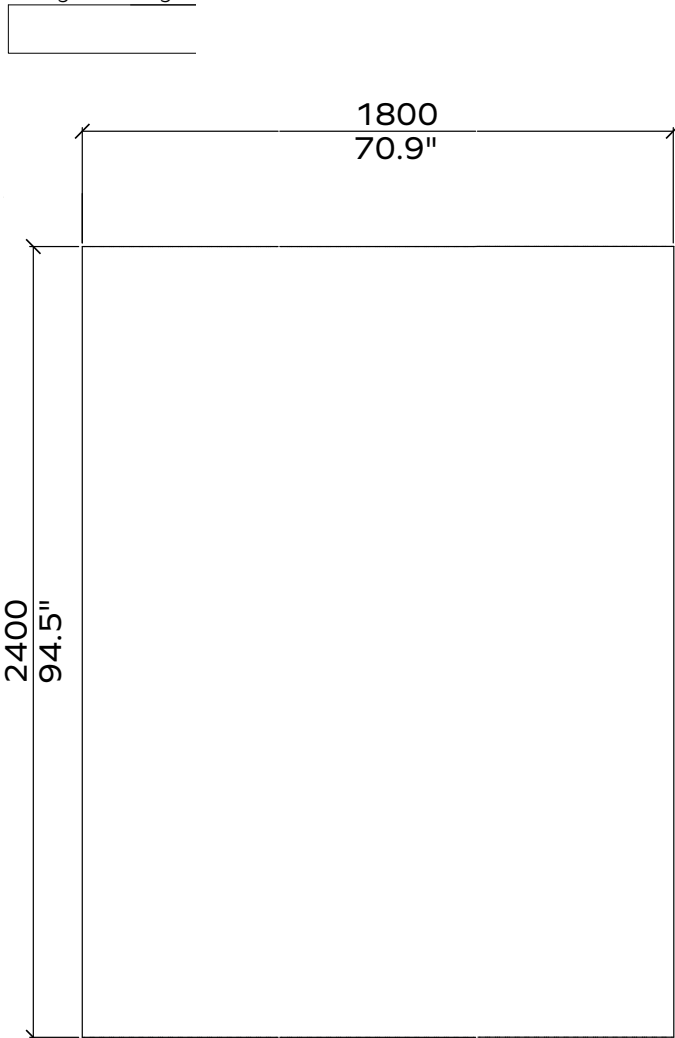
Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.

Straight cut edge



1x

Plain 12mm

Applicable article numbers

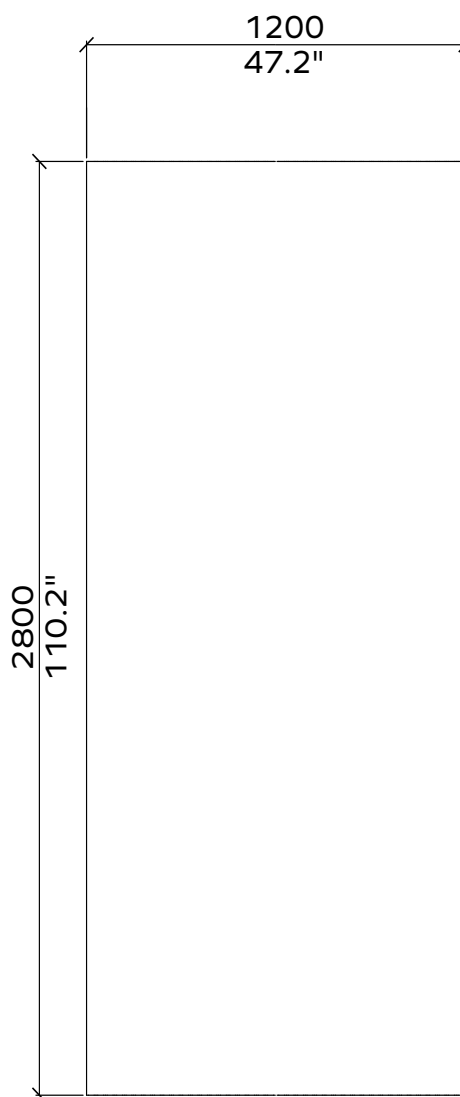
732.12.33.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

Geometry Information

Plaid 24mm

Applicable article numbers

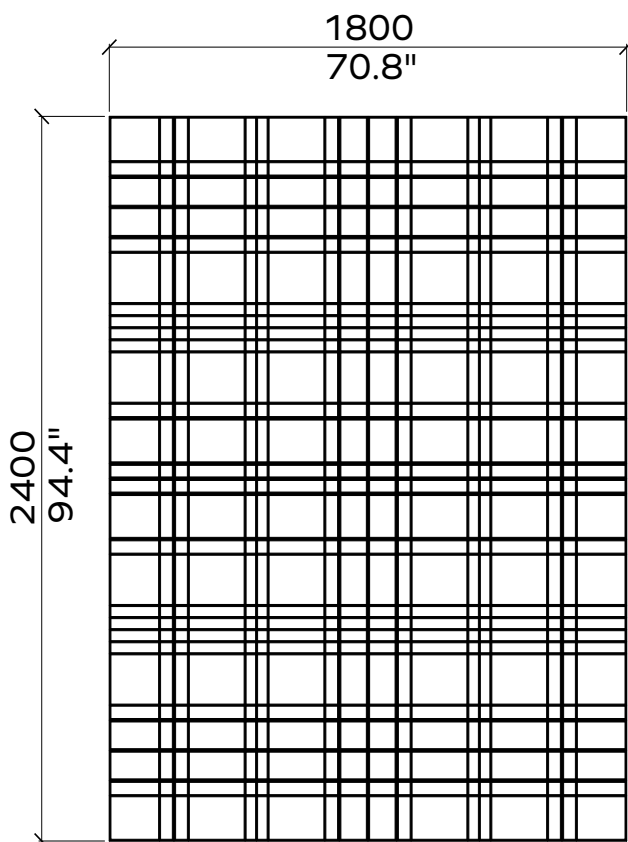
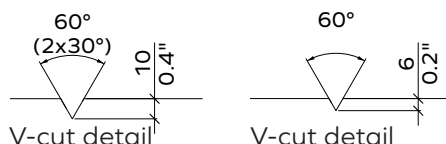
732.24.32.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Plaid 12mm

Applicable article numbers

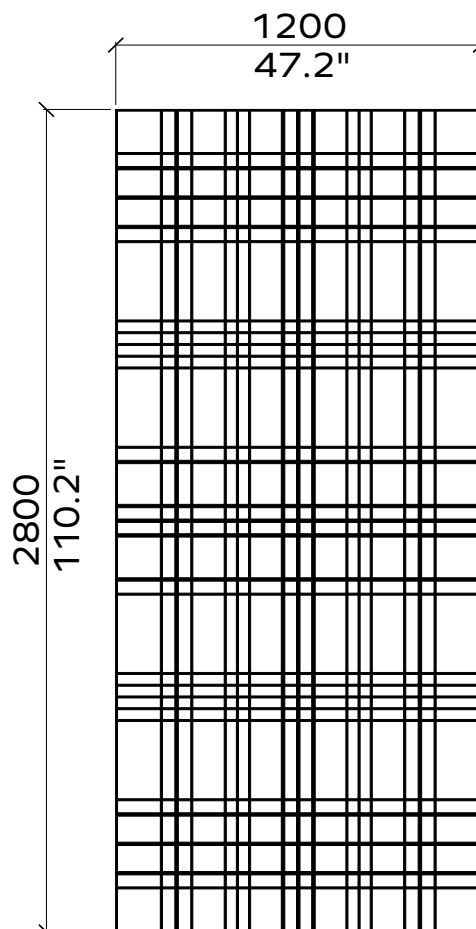
732.12.32.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

Geometry Information

Tabula 24mm

Applicable article numbers

731.24.10.000.00 and .10
731.24.11.000.00 and .10
731.24.12.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set PET panels (in the dimensions below).

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.

Tabula 12mm

Applicable article numbers

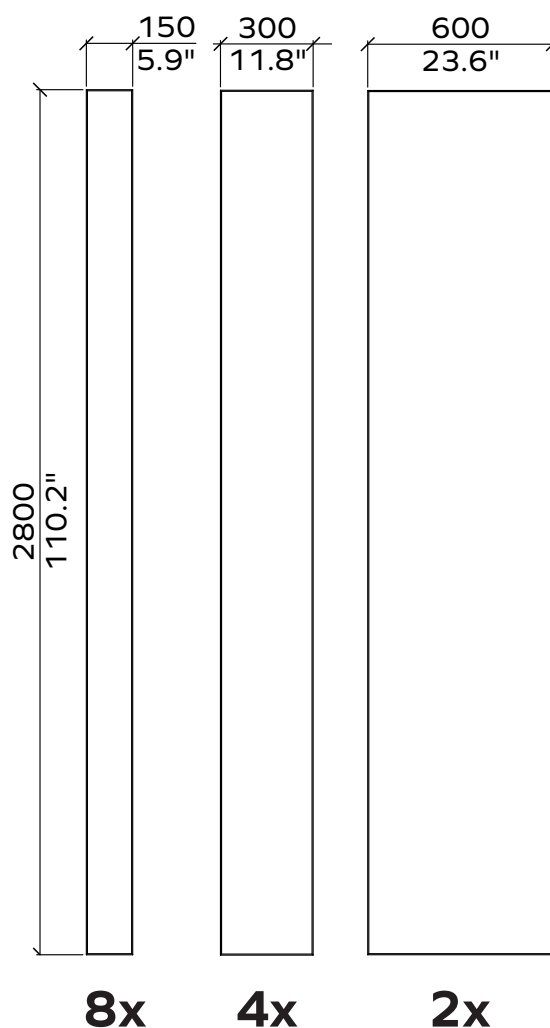
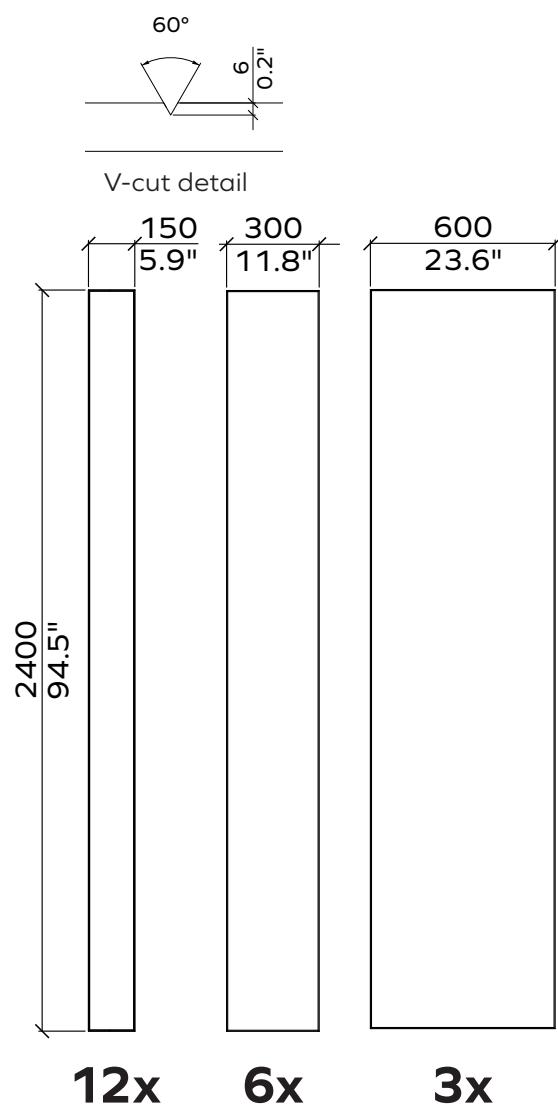
731.12.10.000.00 and .10
731.12.11.000.00 and .10
731.12.12.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of PET panels (in the dimensions below).

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Geometry Information

Fishbone 24mm

Applicable article numbers

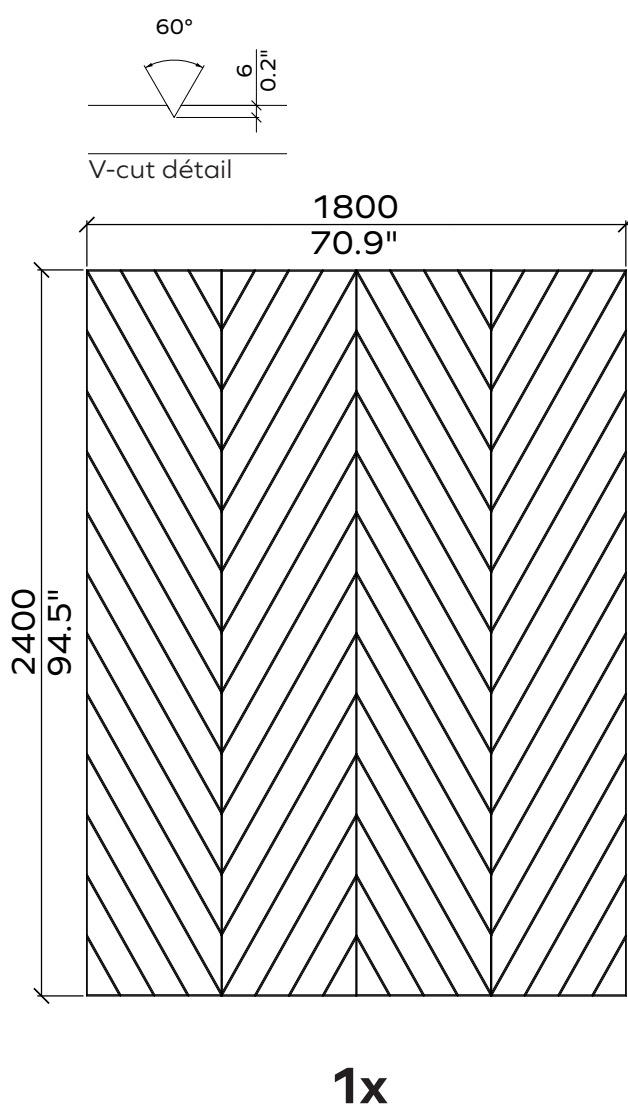
731.24.21.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Fishbone 12mm

Applicable article numbers

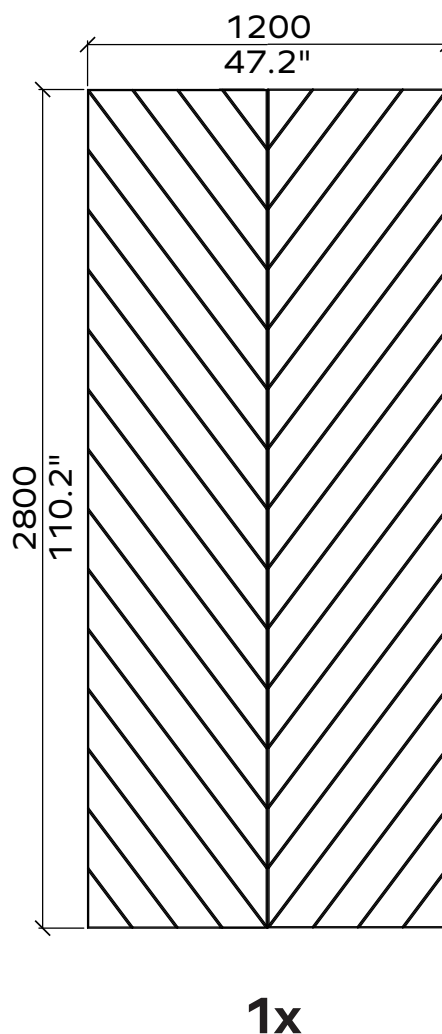
731.12.21.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Hexagon 24mm

Applicable article numbers

731.24.20.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 65x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.

Hexagon 12mm

Applicable article numbers

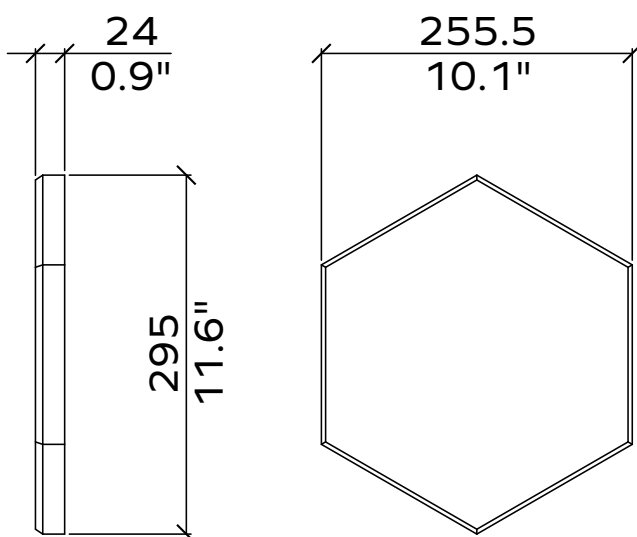
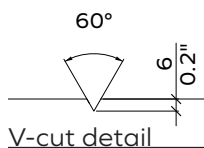
731.12.20.000.00 and .10

Scope of delivery

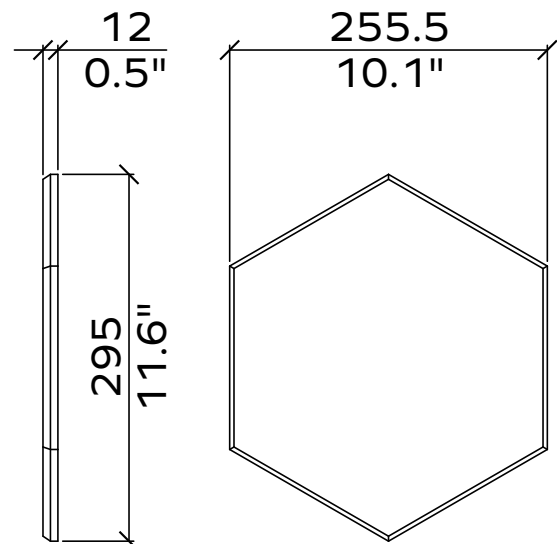
For each 12mm item you will receive a set of 48x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



65x



48x

All dimensions are nominal

Geometry Information

Flow 24mm

Applicable article numbers

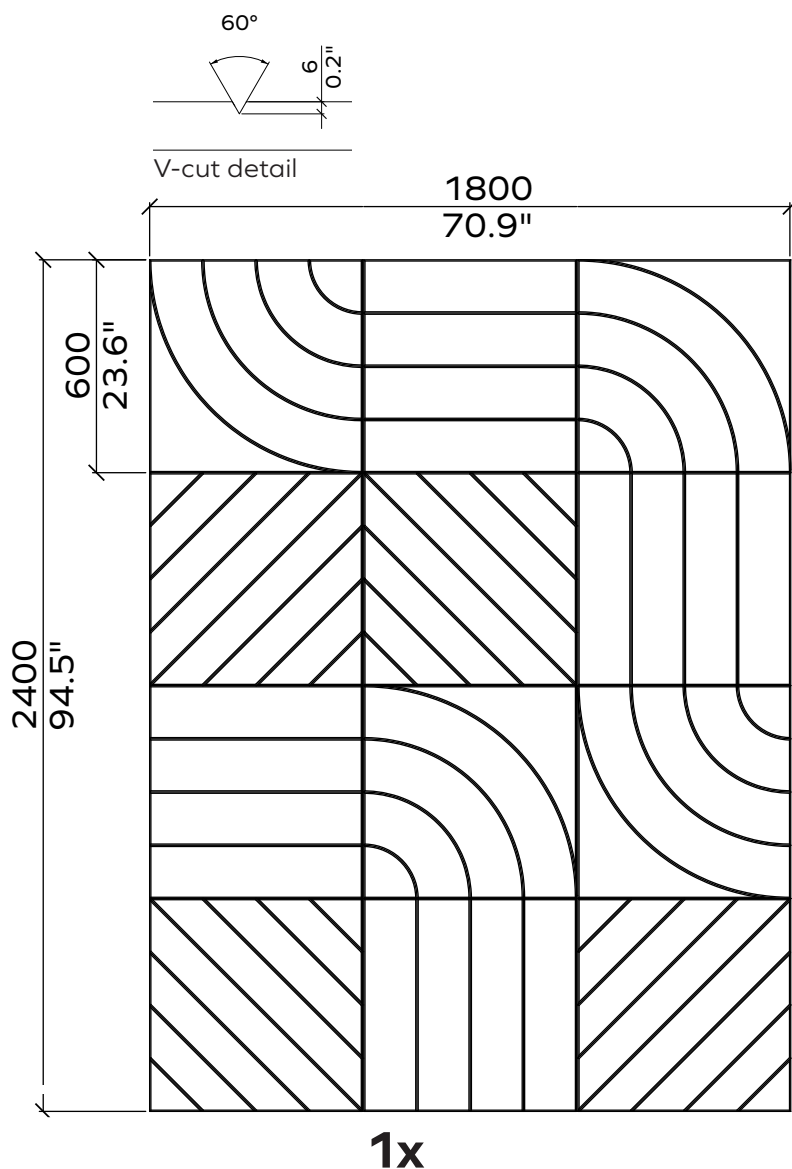
732.24.11.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Flow 12mm

Applicable article numbers

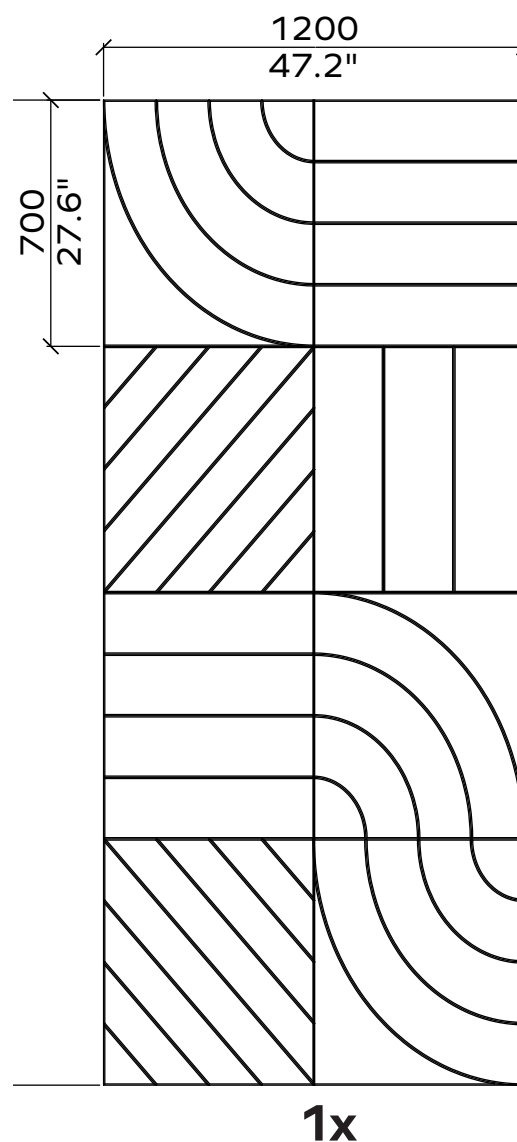
732.12.11.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Geometry Information

Kingscross 24mm

Applicable article numbers

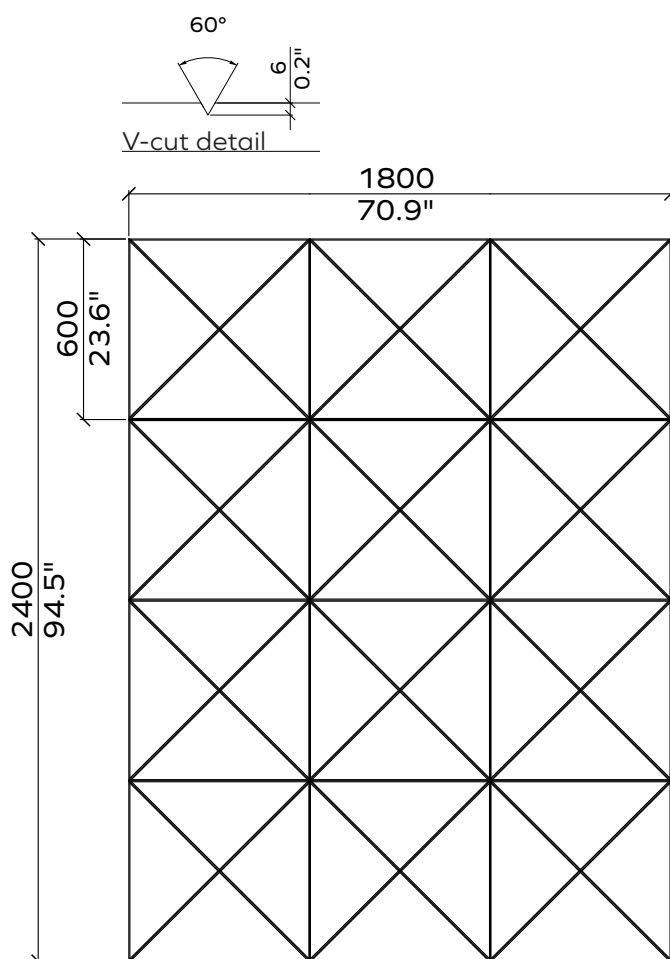
732.24.12.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Kingscross 12mm

Applicable article numbers

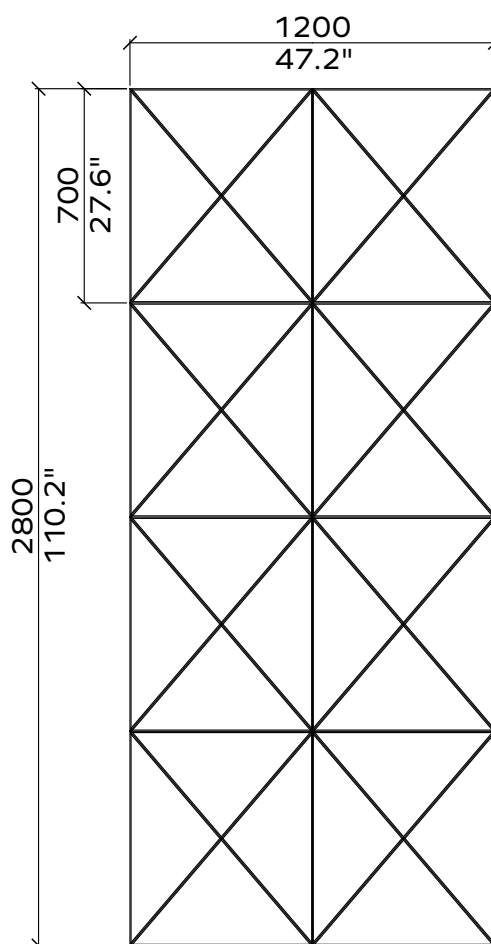
732.12.12.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

Geometry Information

Vertigo 24mm

Applicable article numbers

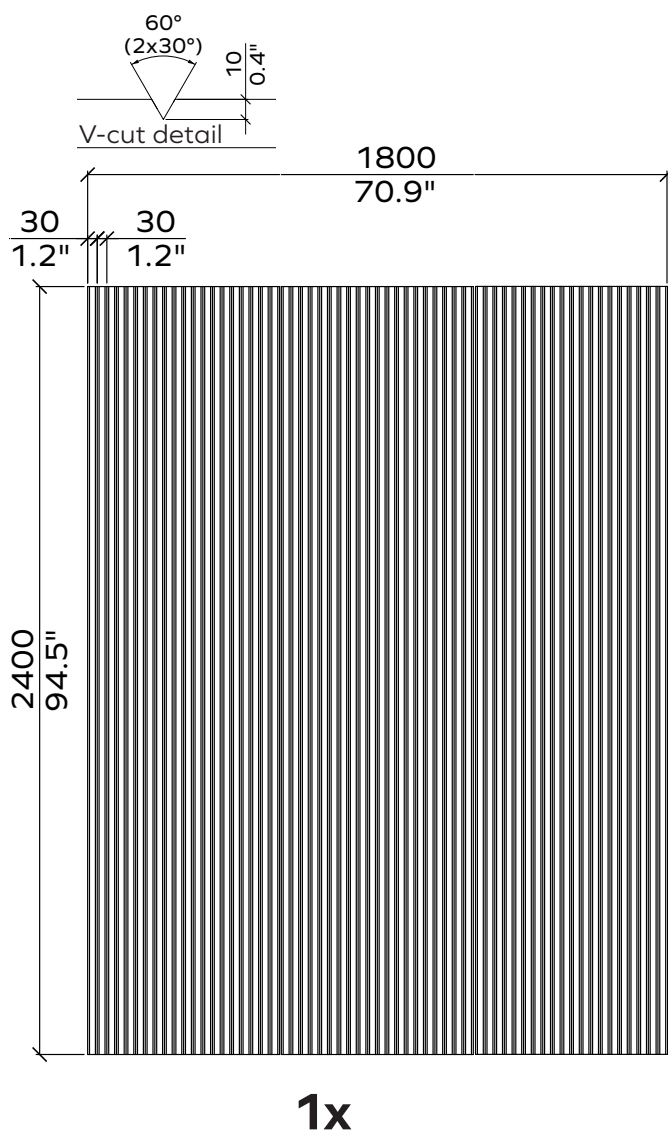
732.24.13.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Vertigo 12mm

Applicable article numbers

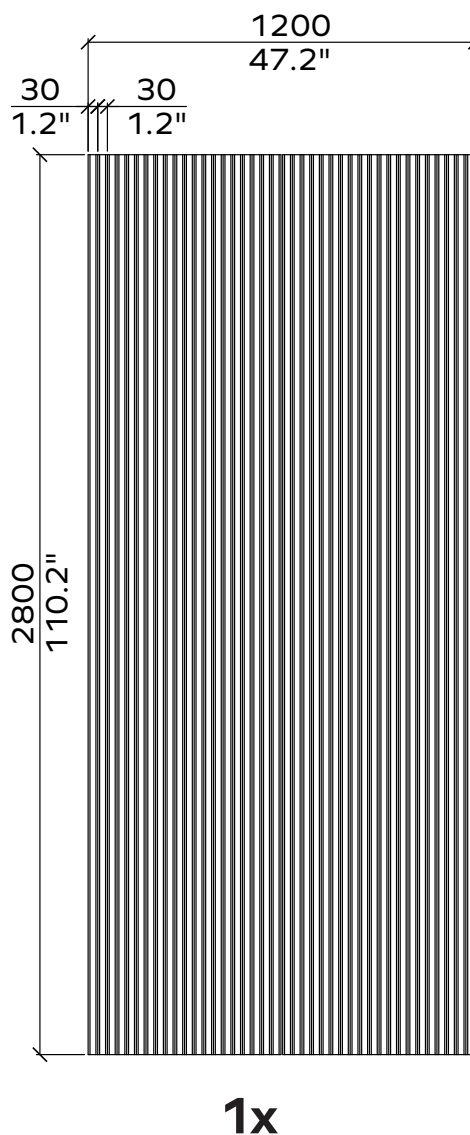
732.12.13.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Vertigo Fine 24mm

Applicable article numbers

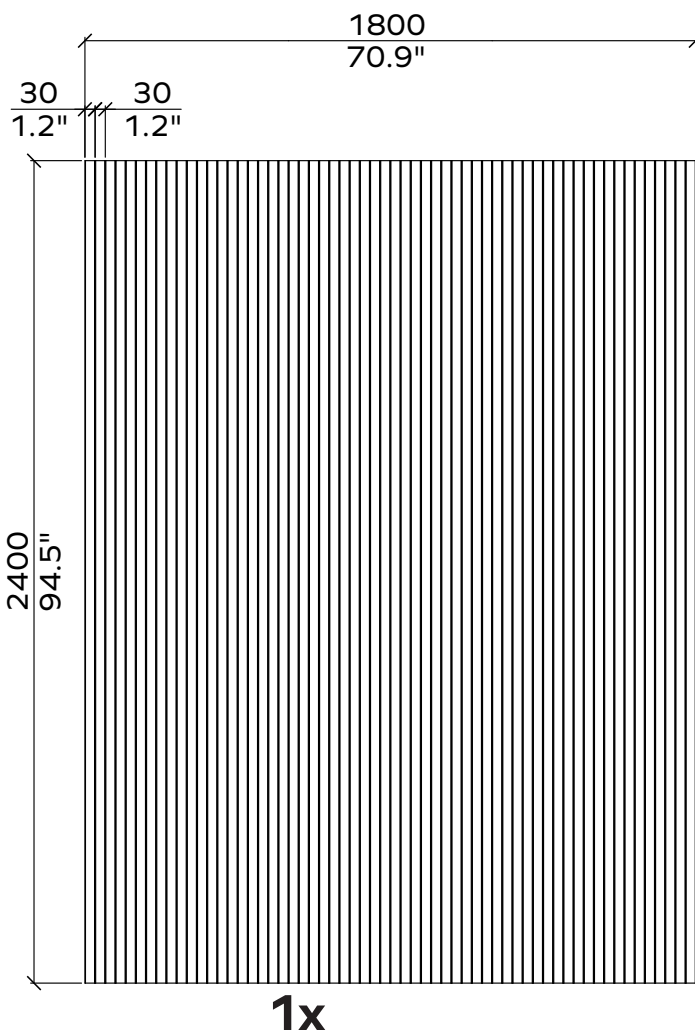
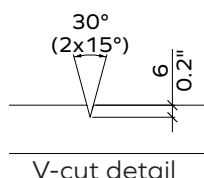
732.24.14.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Vertigo Fine 12mm

Applicable article numbers

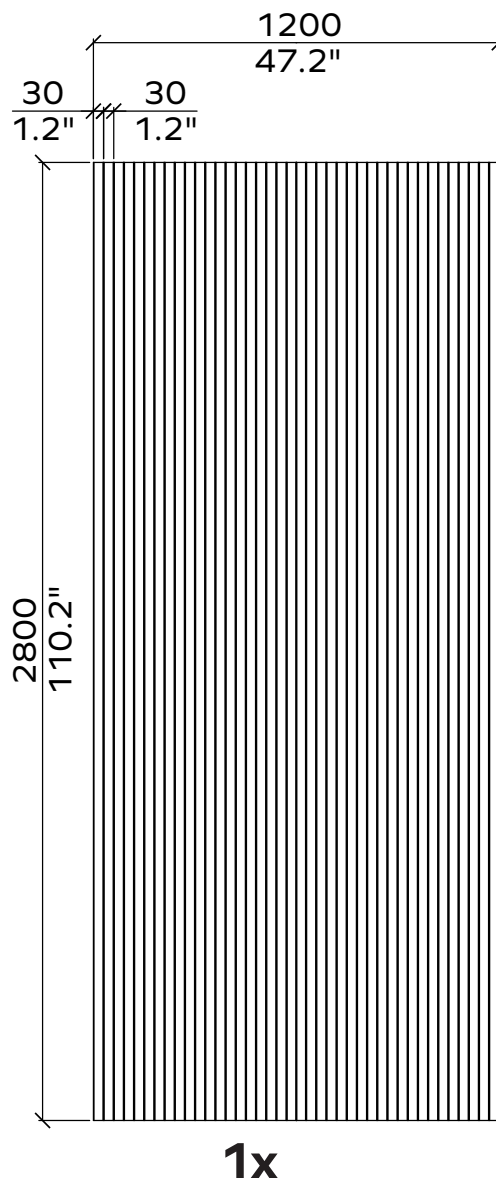
732.12.14.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

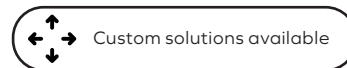
These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

VERTIGO WIDE

Geometry Information



Vertigo Wide 24mm

Applicable article numbers

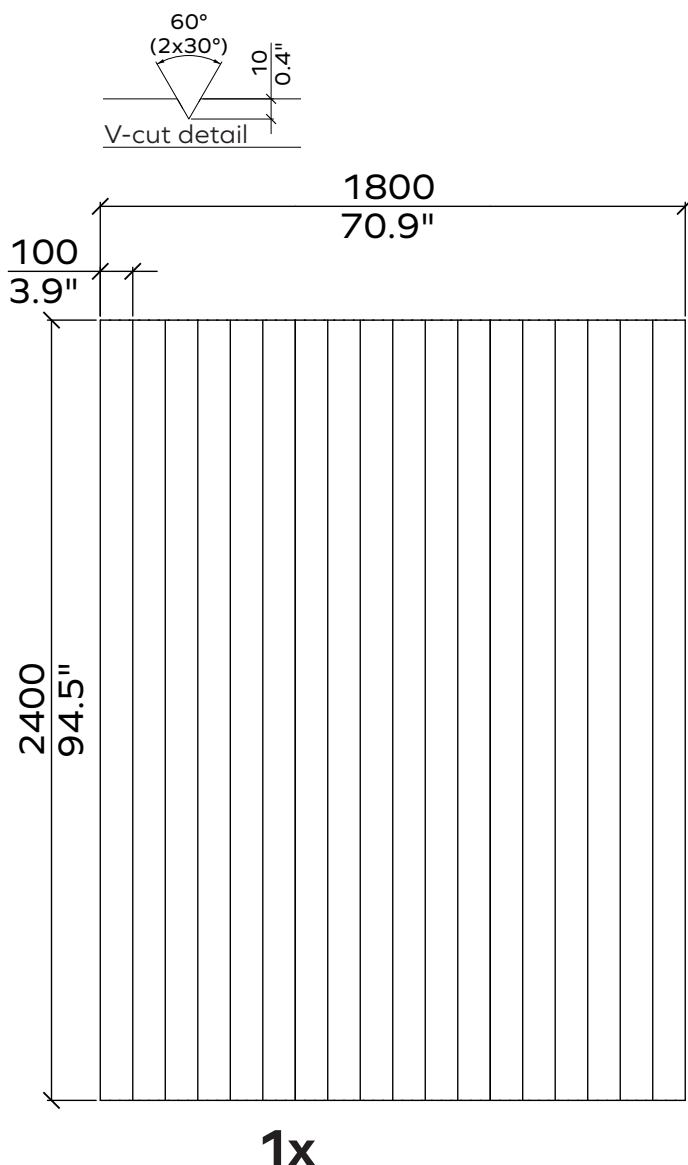
732.24.31.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Vertigo Wide 12mm

Applicable article numbers

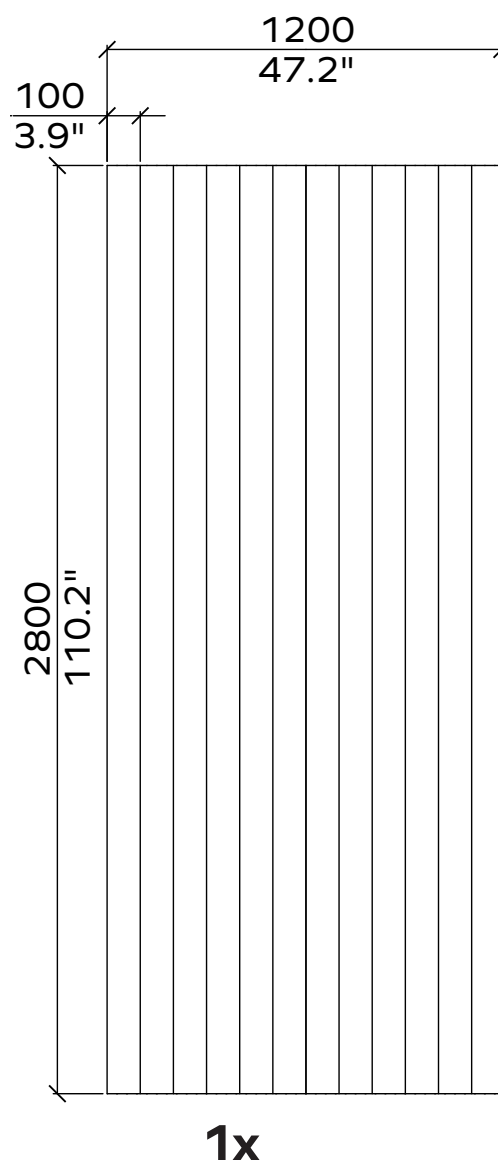
732.12.31.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

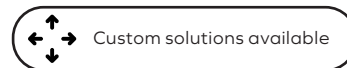
These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

VERTIGO IRREGULAR

Geometry Information



Vertigo Irregular 24mm

Applicable article numbers

732.24.15.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.

Vertigo Irregular 12mm

Applicable article numbers

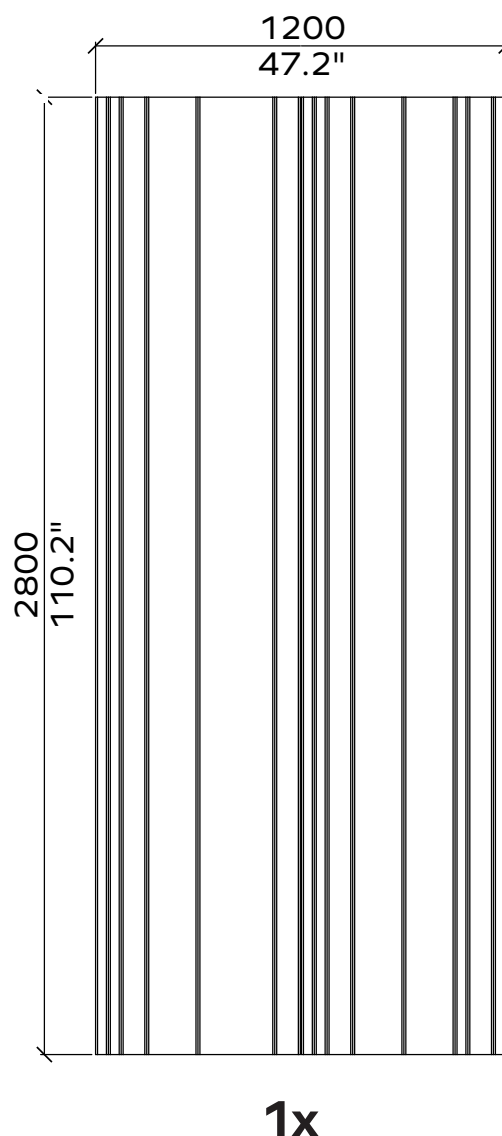
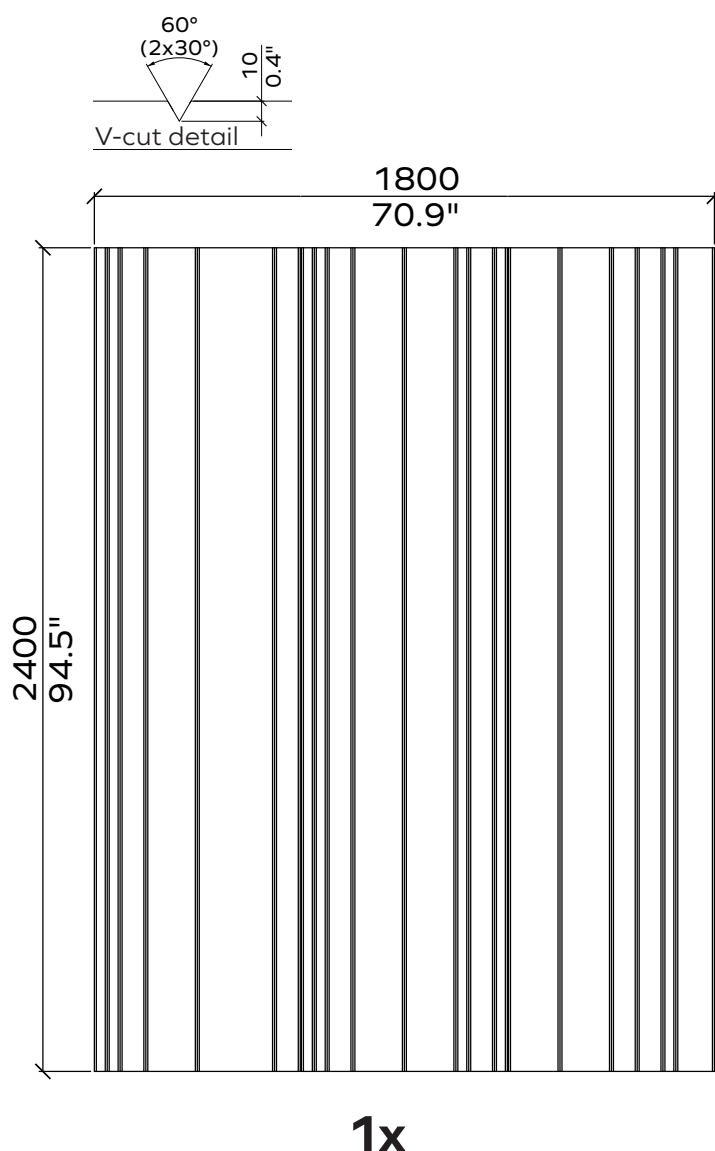
732.12.15.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Prisma 24mm

Applicable article numbers

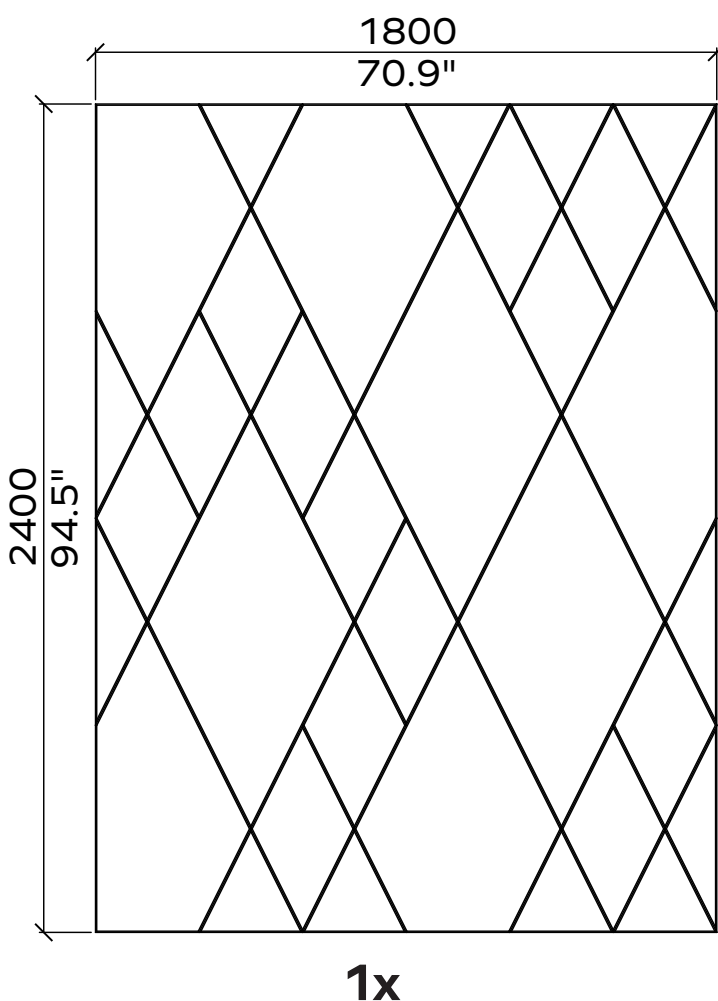
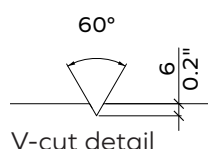
732.24.16.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Prisma 12mm

Applicable article numbers

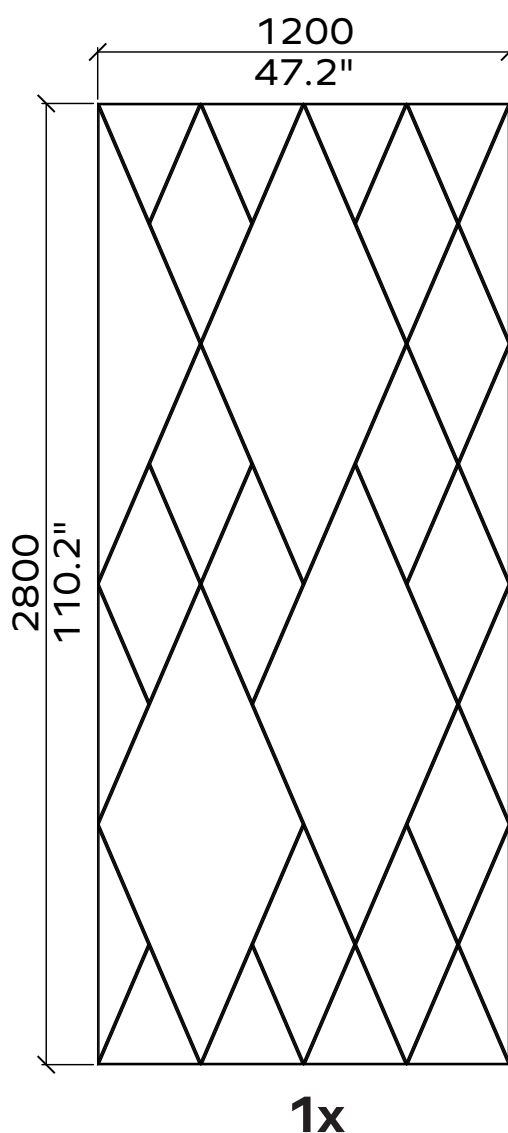
732.12.16.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Facet 24mm

Applicable article numbers

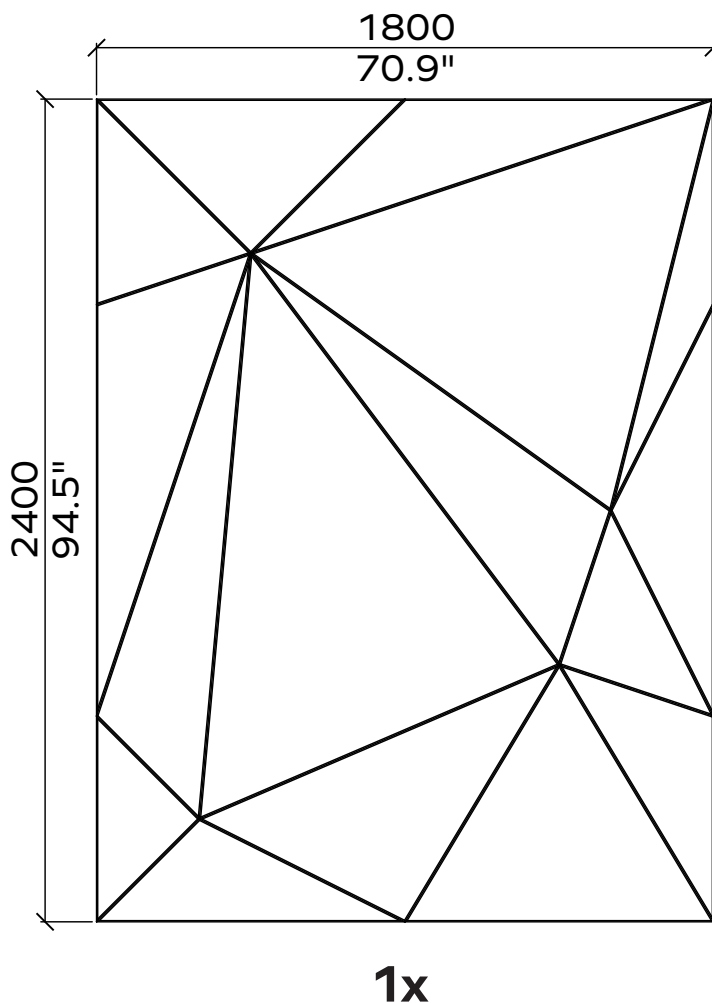
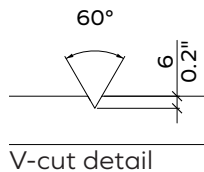
732.24.17.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Facet 12mm

Applicable article numbers

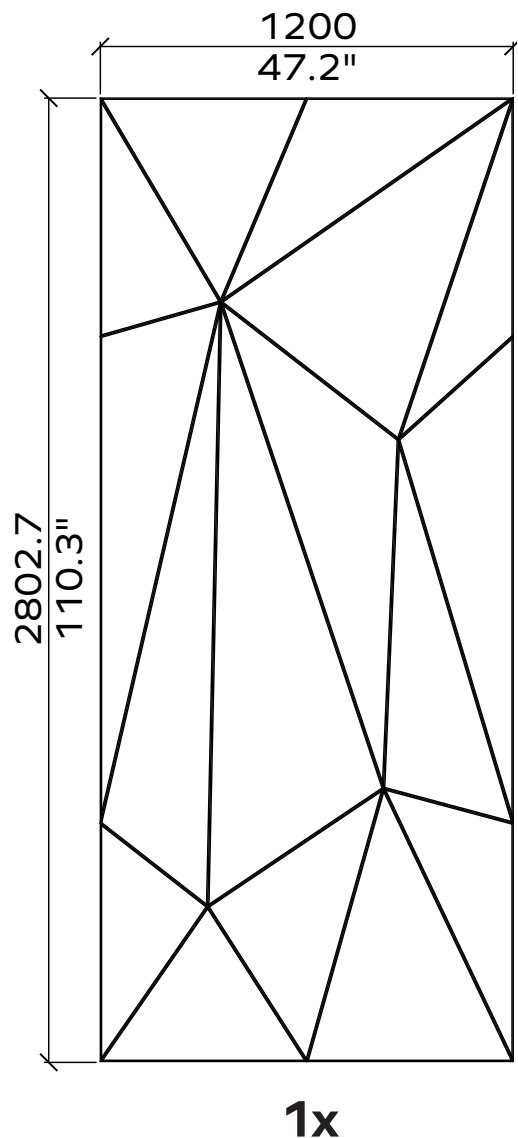
732.12.17.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Maze 24mm

Applicable article numbers

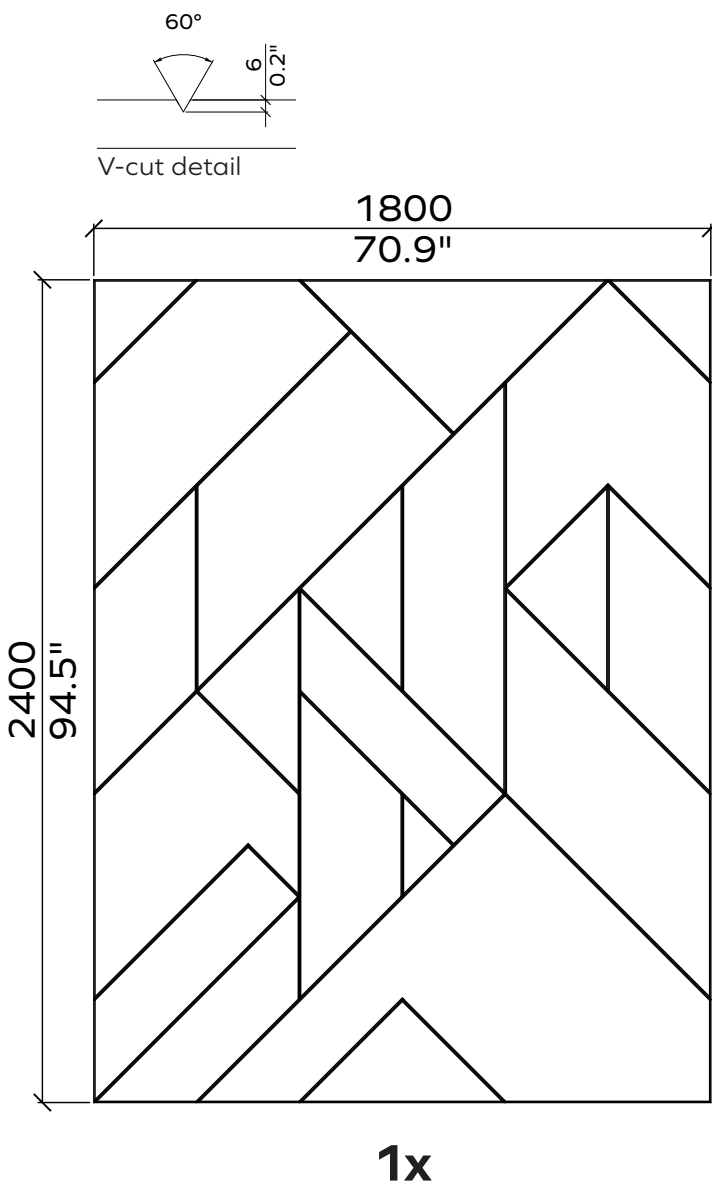
732.24.18.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Maze 12mm

Applicable article numbers

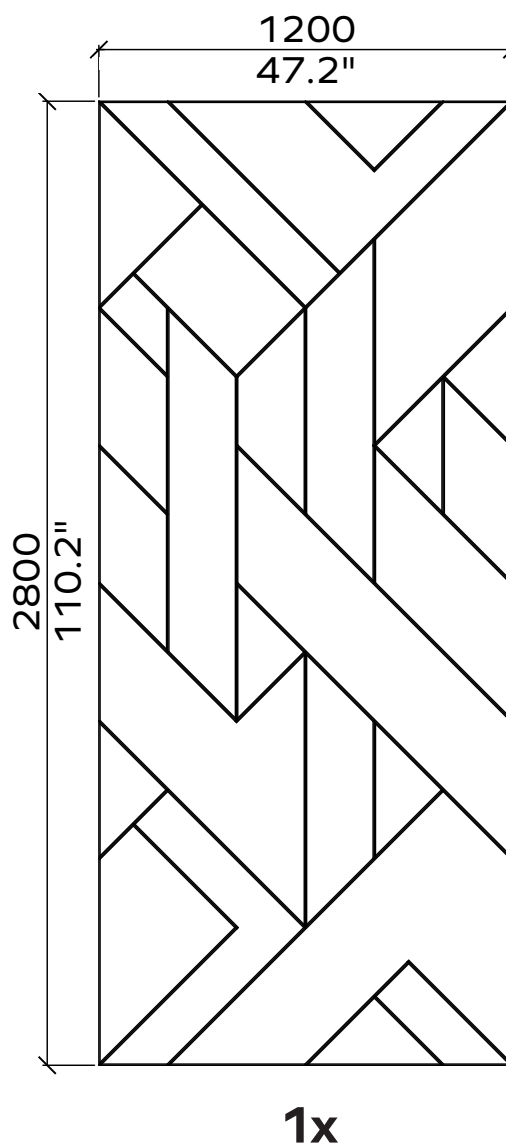
732.12.18.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Gatsby 24mm

Applicable article numbers

732.24.19.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.

Gatsby 12mm

Applicable article numbers

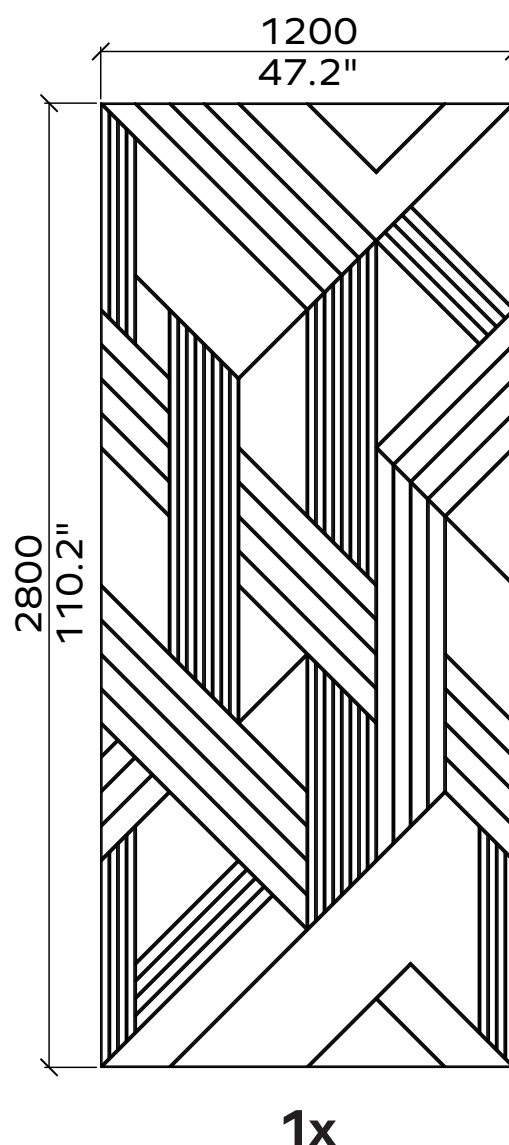
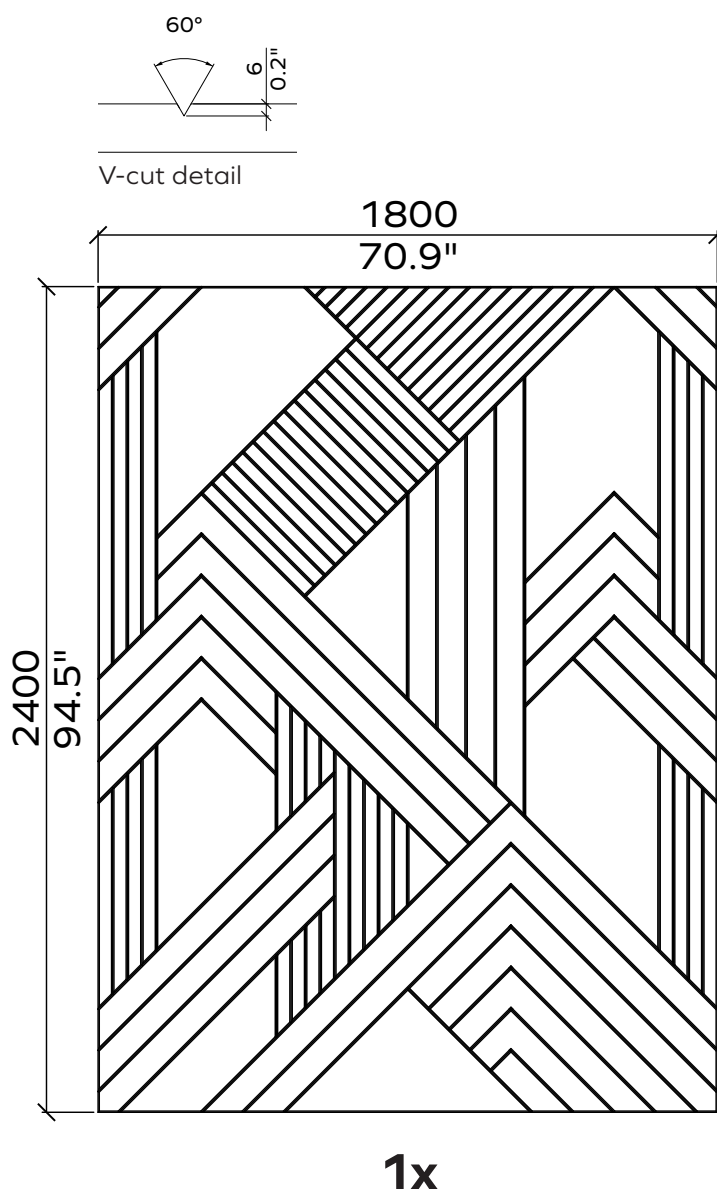
732.12.19.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Contour 24mm

Applicable article numbers

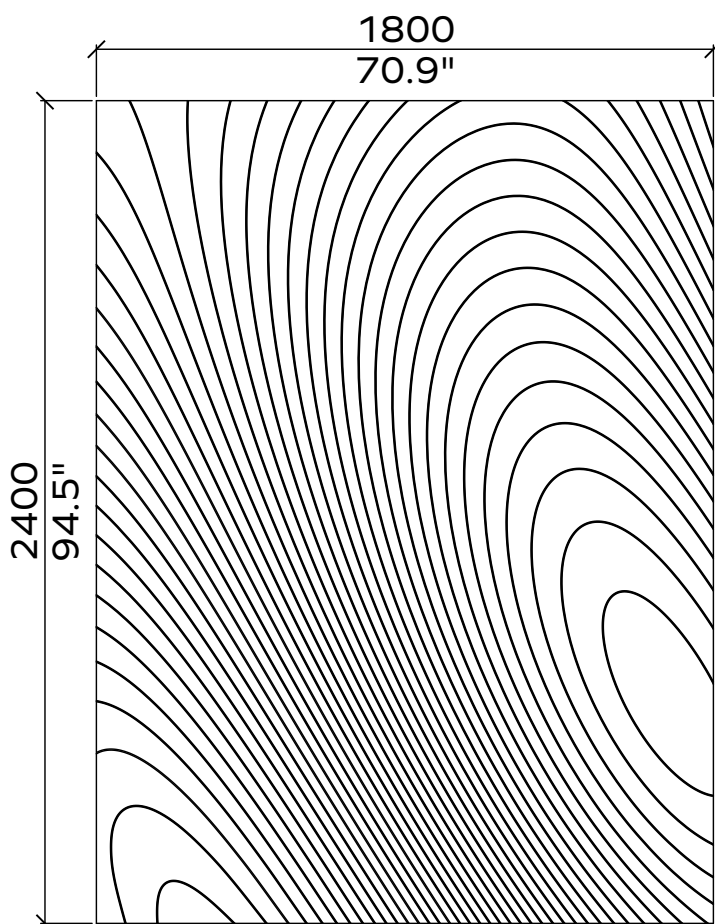
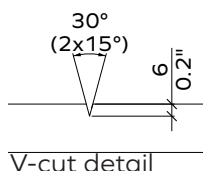
732.24.20.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Contour 12mm

Applicable article numbers

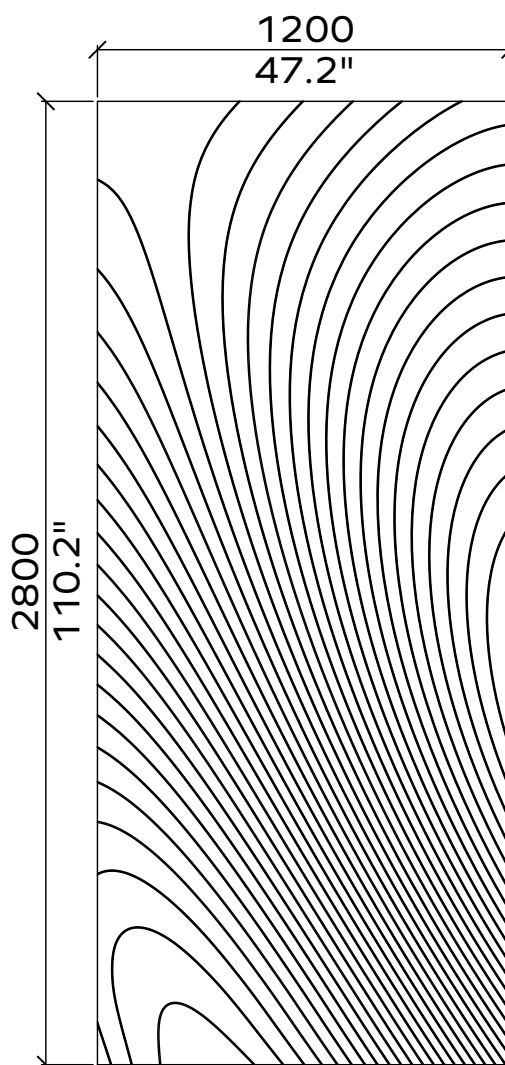
732.12.20.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.

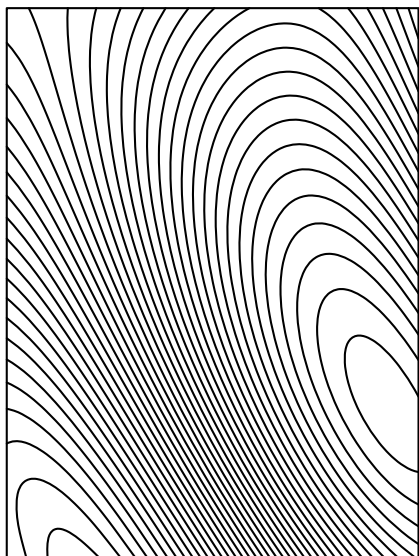


1x

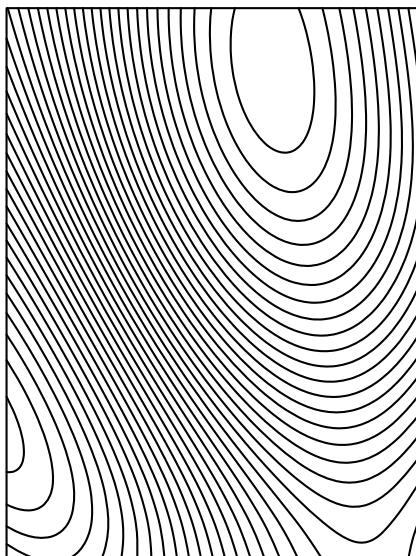
All dimensions are nominal

CONTOUR

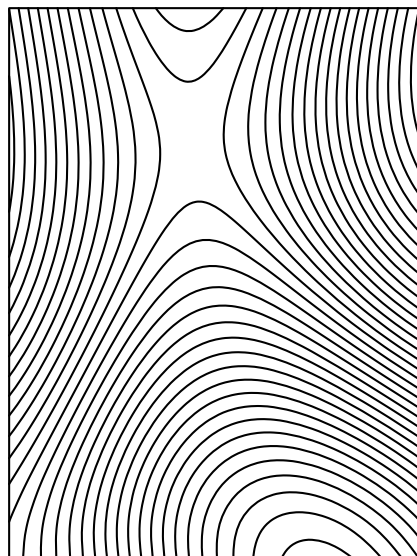
Patterns 24mm



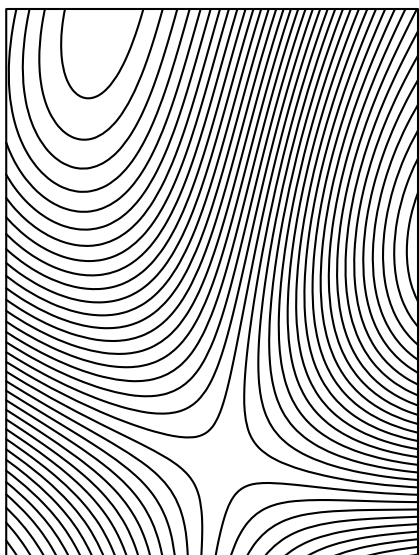
01



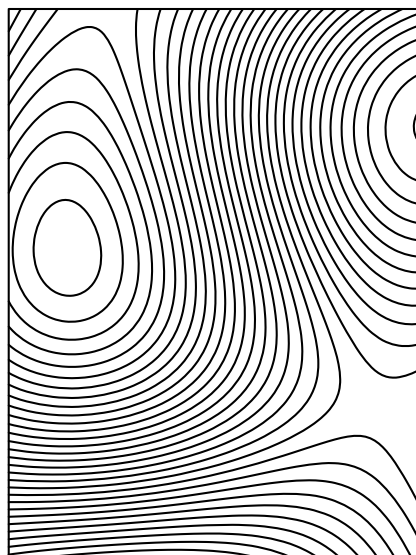
02



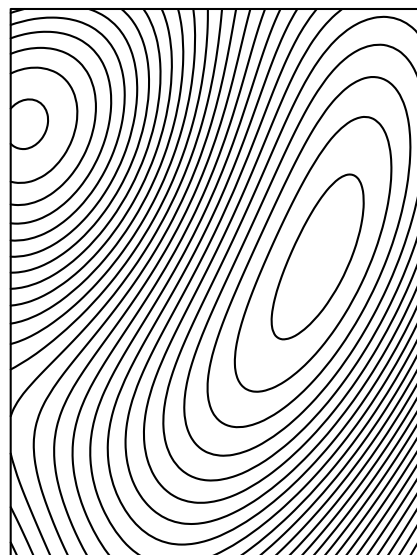
03



04



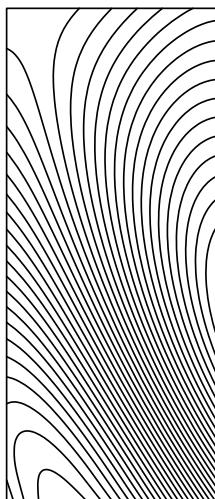
05



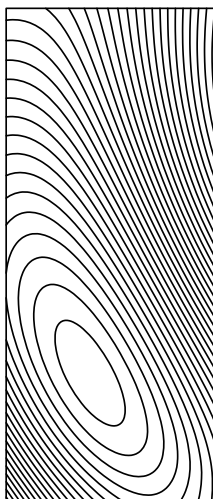
06

CONTOUR

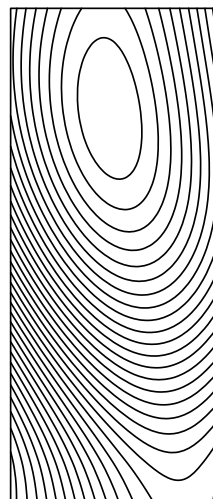
Patterns 12mm



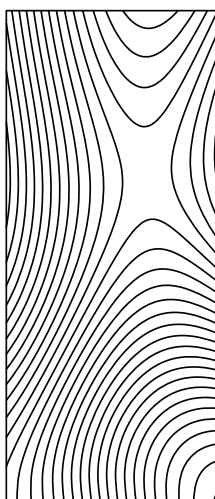
01



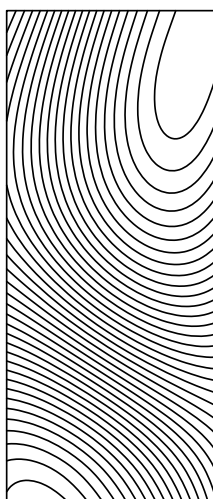
02



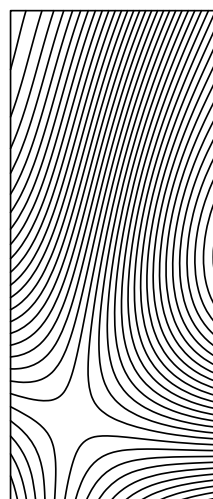
03



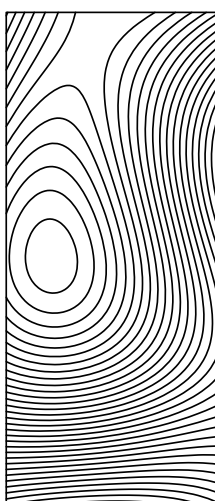
04



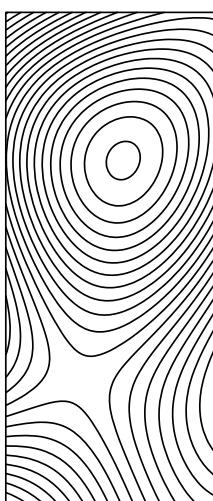
05



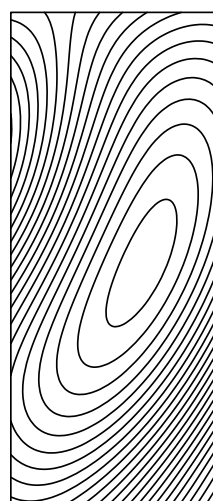
06



07



08



09

Geometry Information

Loop 24mm

Applicable article numbers

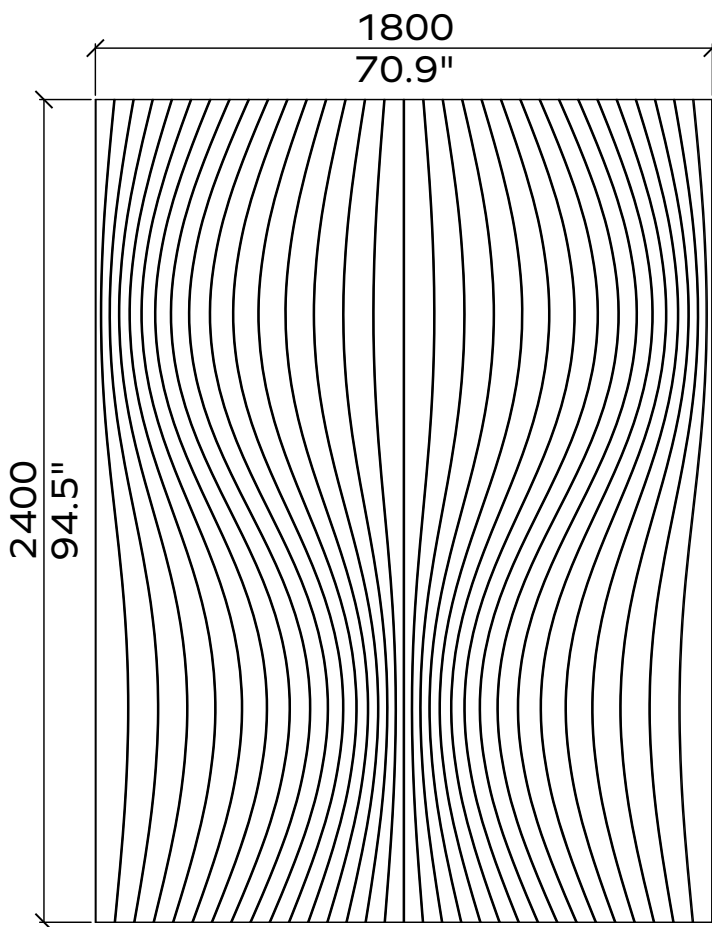
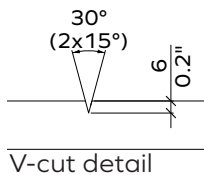
732.24.21.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Loop 12mm

Applicable article numbers

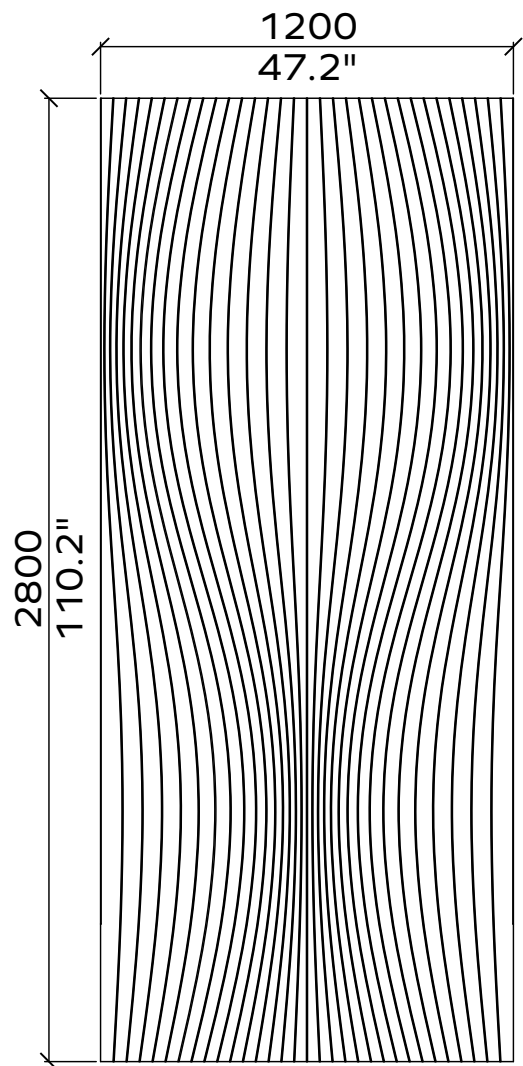
732.12.21.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

Geometry Information

Maya 24mm

Applicable article numbers

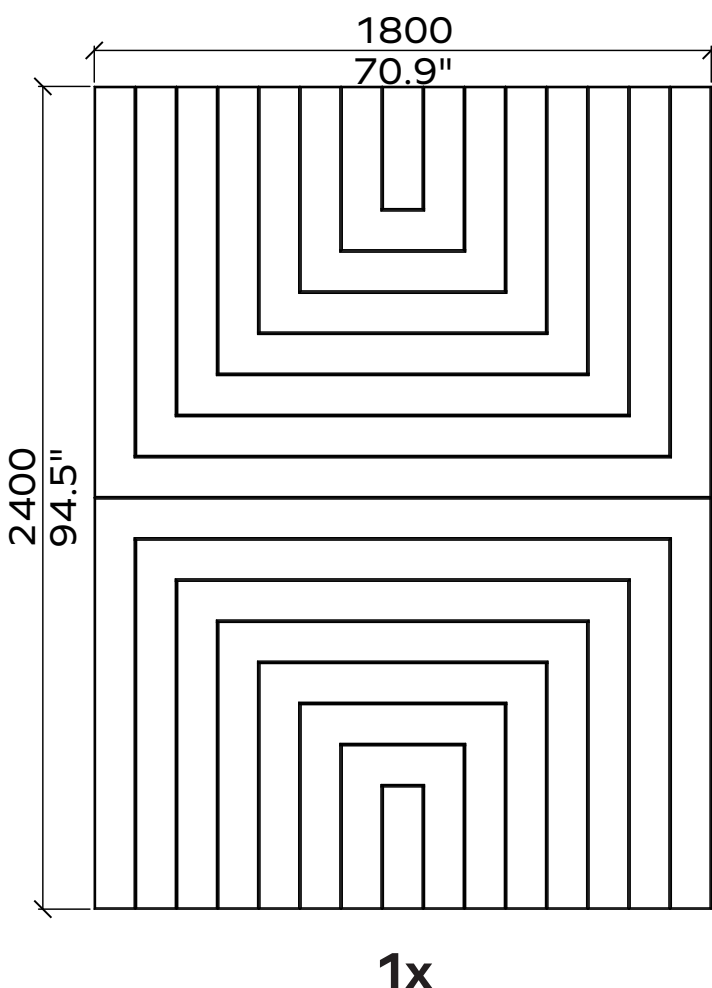
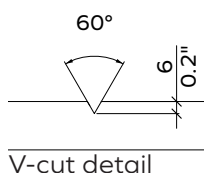
732.24.22.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Maya 12mm

Applicable article numbers

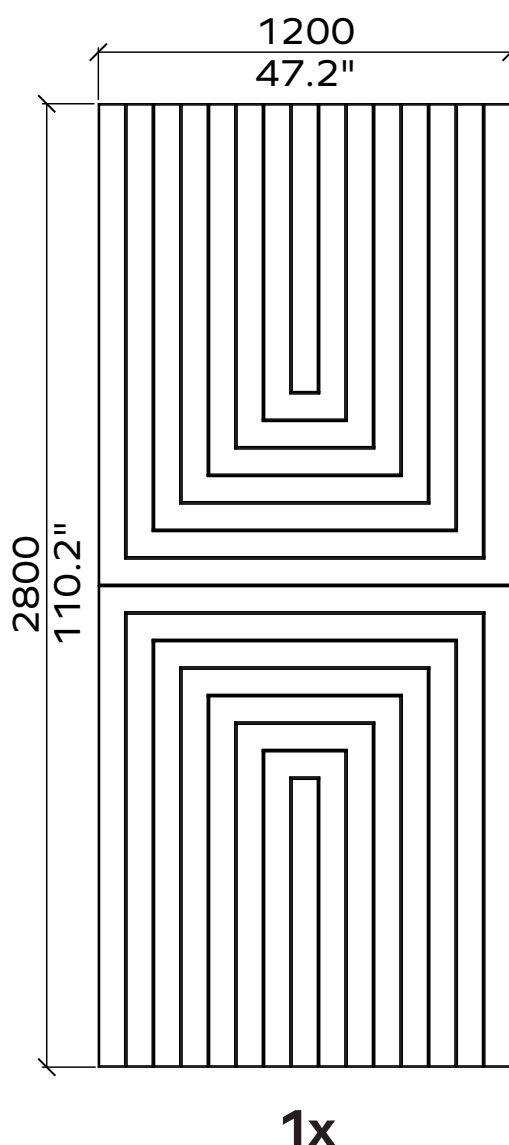
732.12.22.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Fylo 24mm

Applicable article numbers

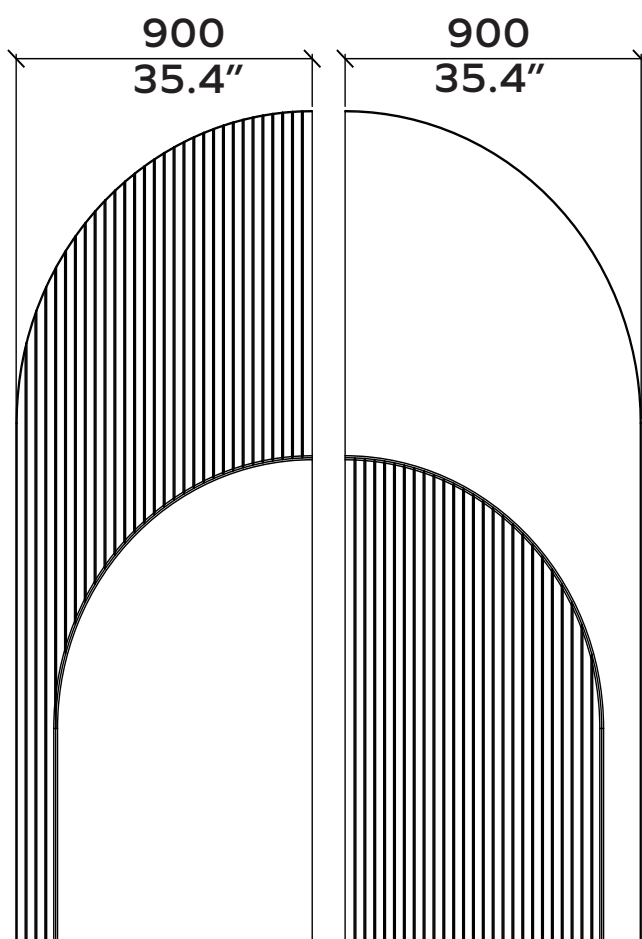
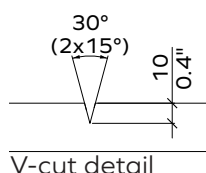
732.24.23.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

1x

Fylo 12mm

Applicable article numbers

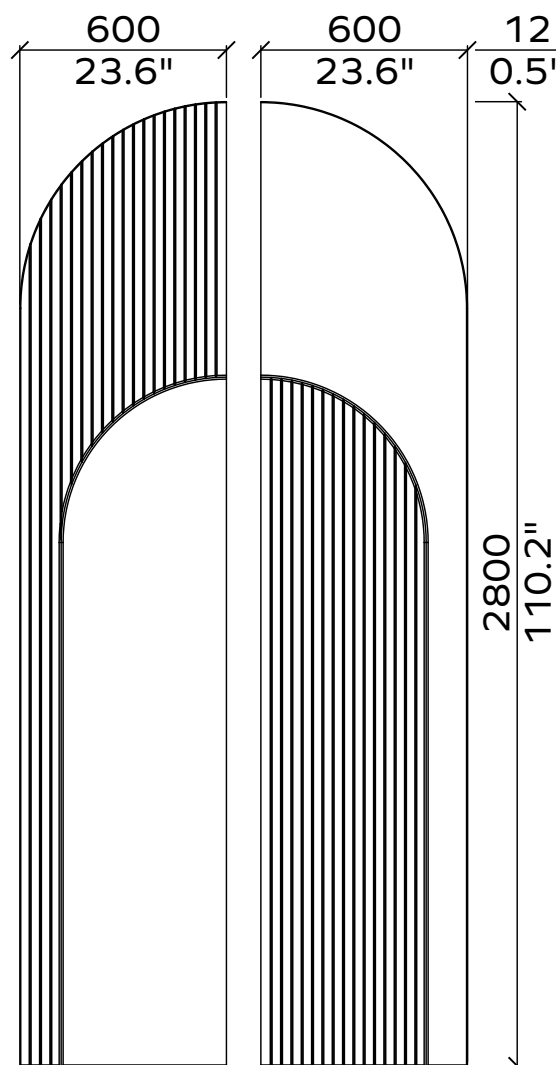
732.12.23.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

1x

All dimensions are nominal

Geometry Information

Cottage 24mm

Applicable article numbers

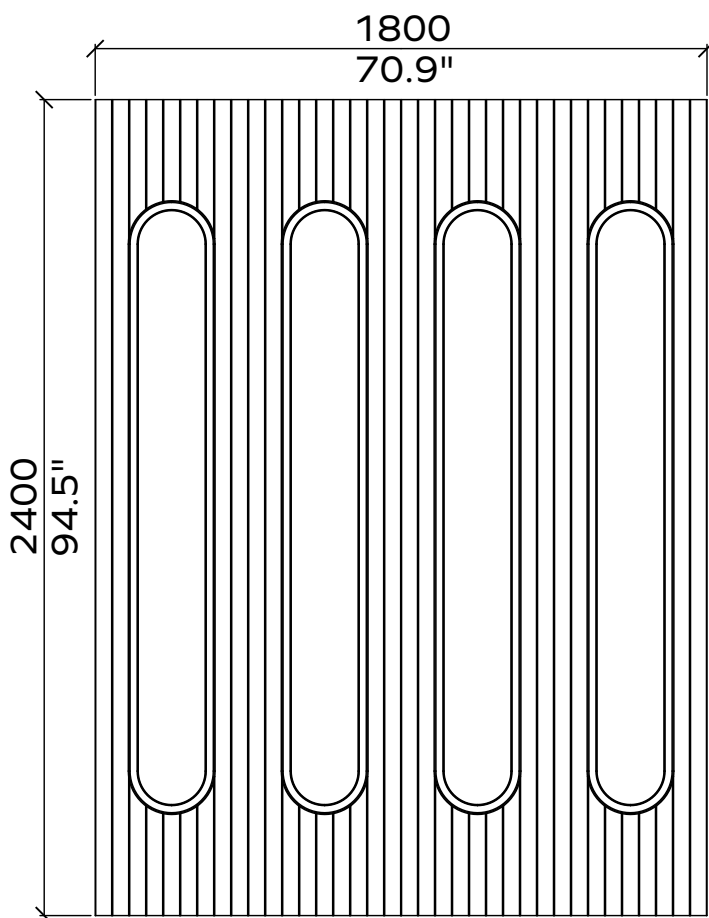
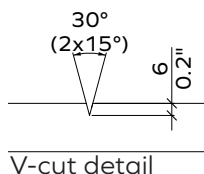
732.24.24.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Cottage 12mm

Applicable article numbers

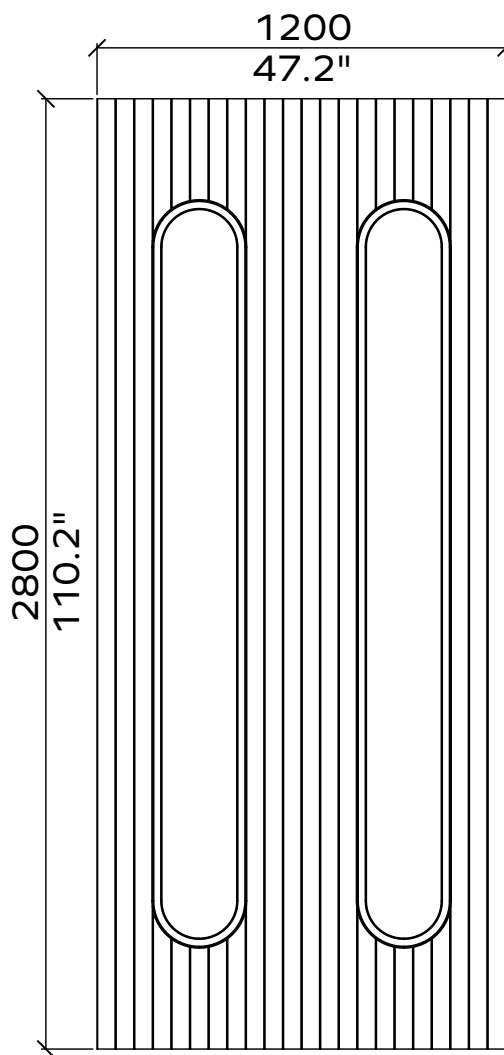
732.12.24.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

Geometry Information

Fon 24mm

Applicable article numbers

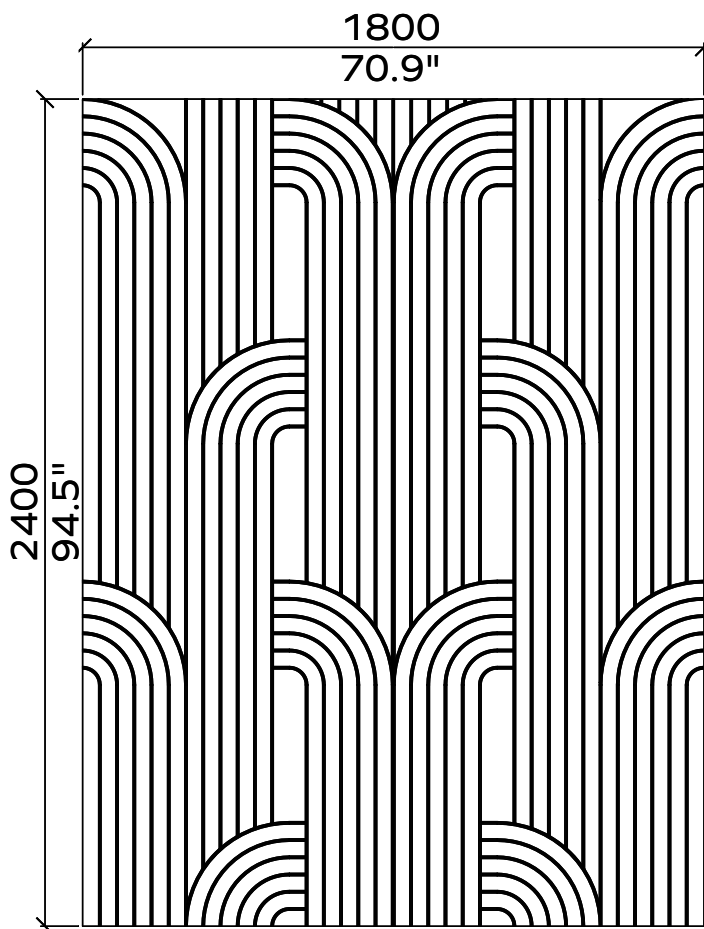
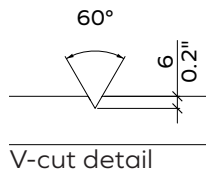
732.24.25.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Fon 12mm

Applicable article numbers

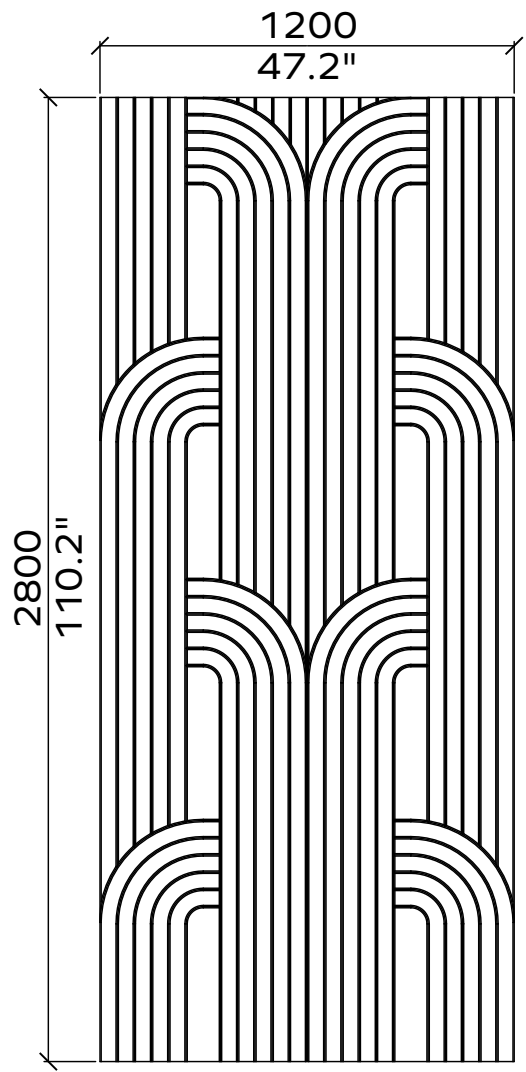
732.12.25.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

Geometry Information

Pass 24mm

Applicable article numbers

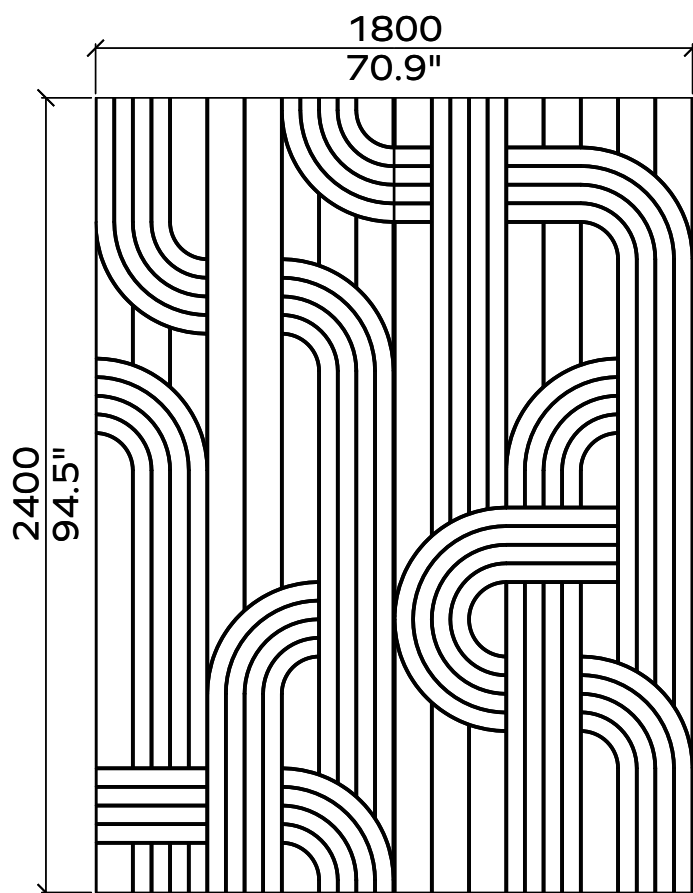
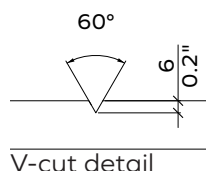
732.24.26.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Pass 12mm

Applicable article numbers

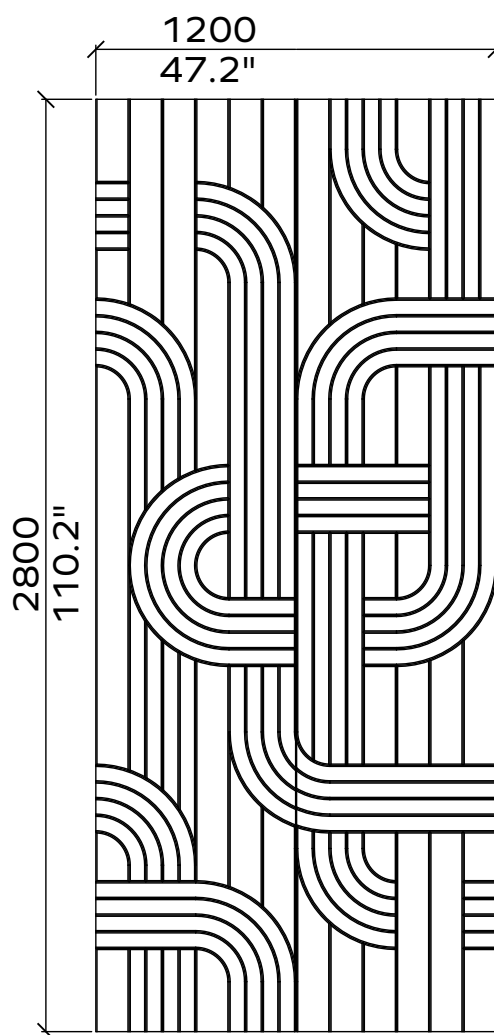
732.12.26.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

Geometry Information

Bau 24mm

Applicable article numbers

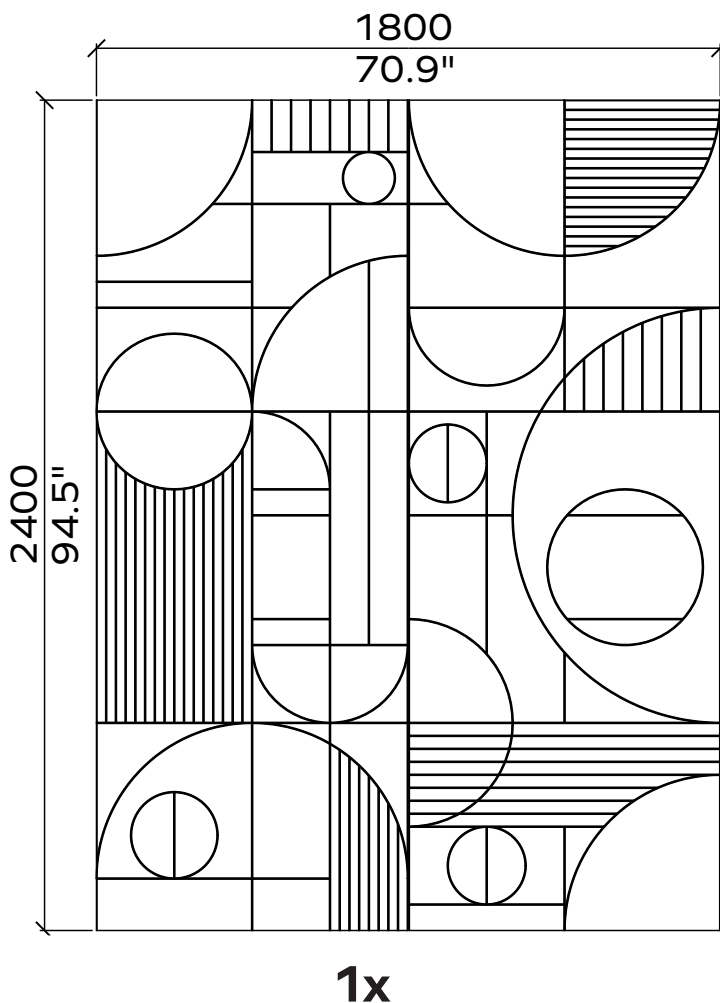
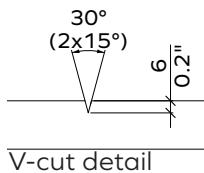
732.24.27.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Bau 12mm

Applicable article numbers

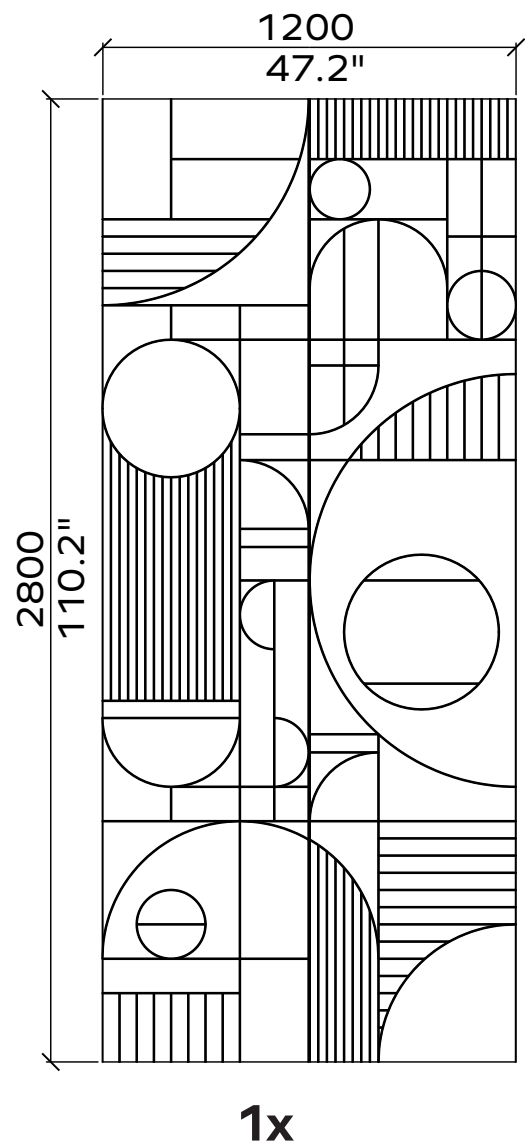
732.12.27.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Vela 24mm

Applicable article numbers

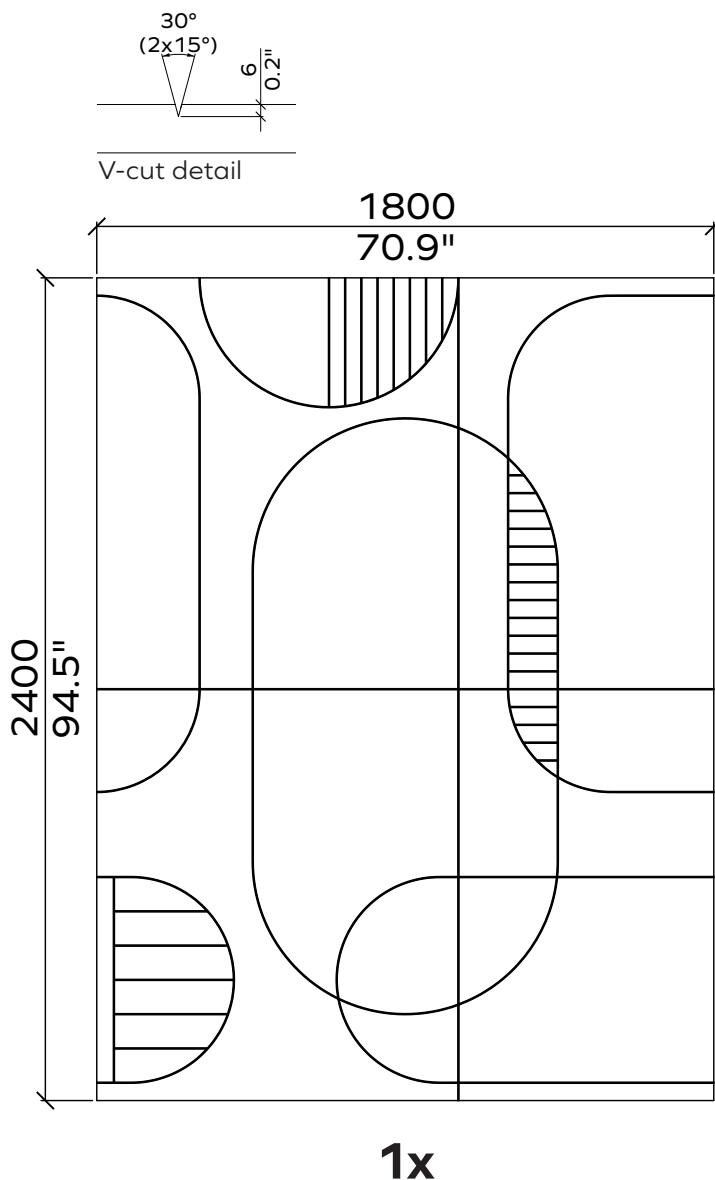
732.24.28.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



Vela 12mm

Applicable article numbers

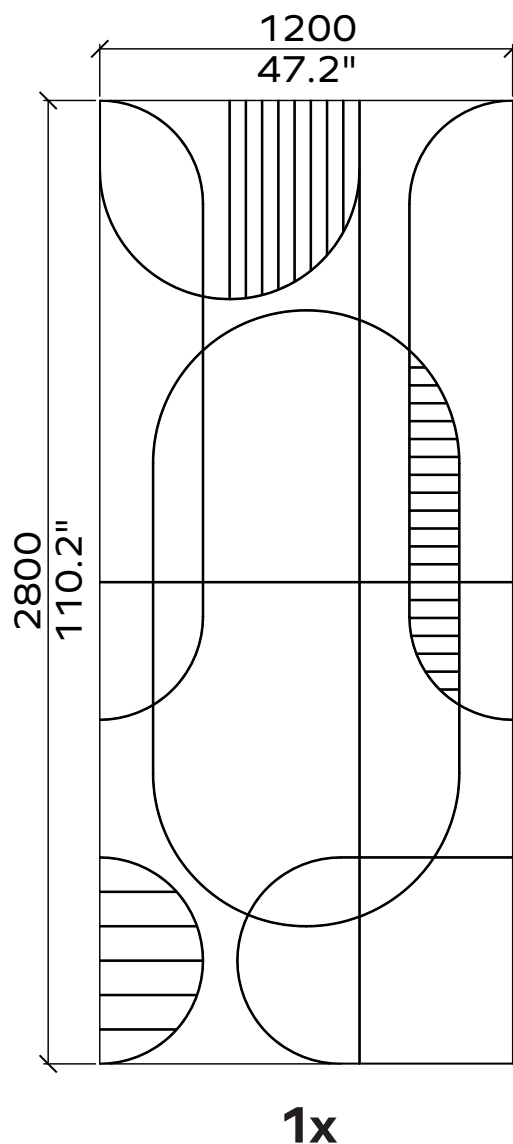
732.12.28.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



All dimensions are nominal

Geometry Information

Tapis 24mm

Applicable article numbers

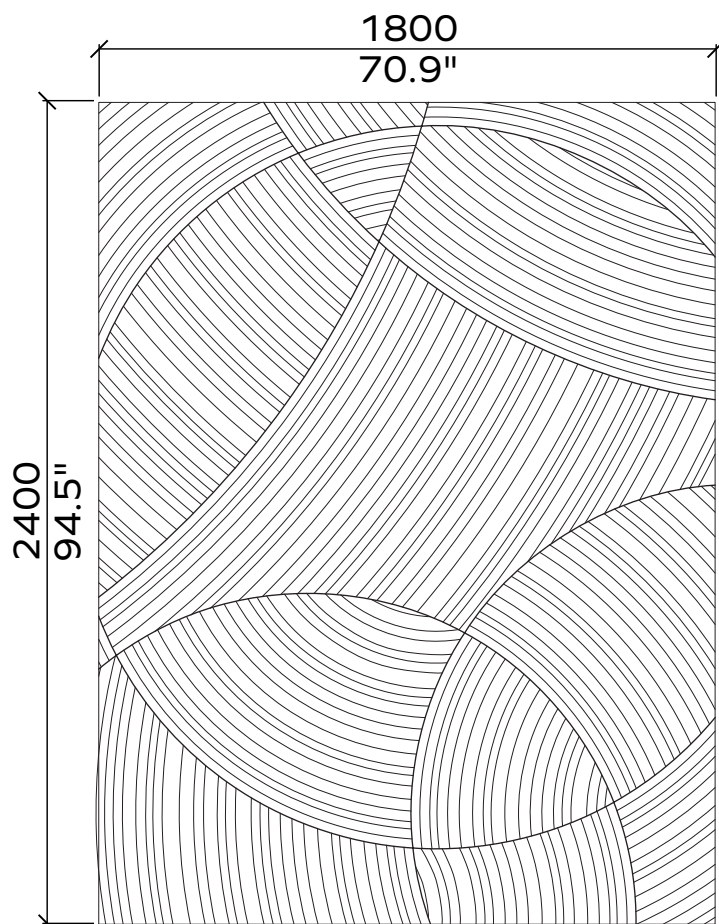
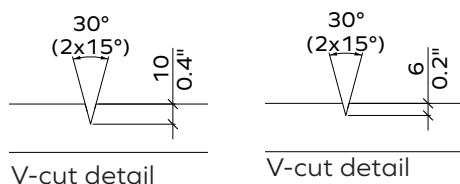
732.24.29.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Tapis 12mm

Applicable article numbers

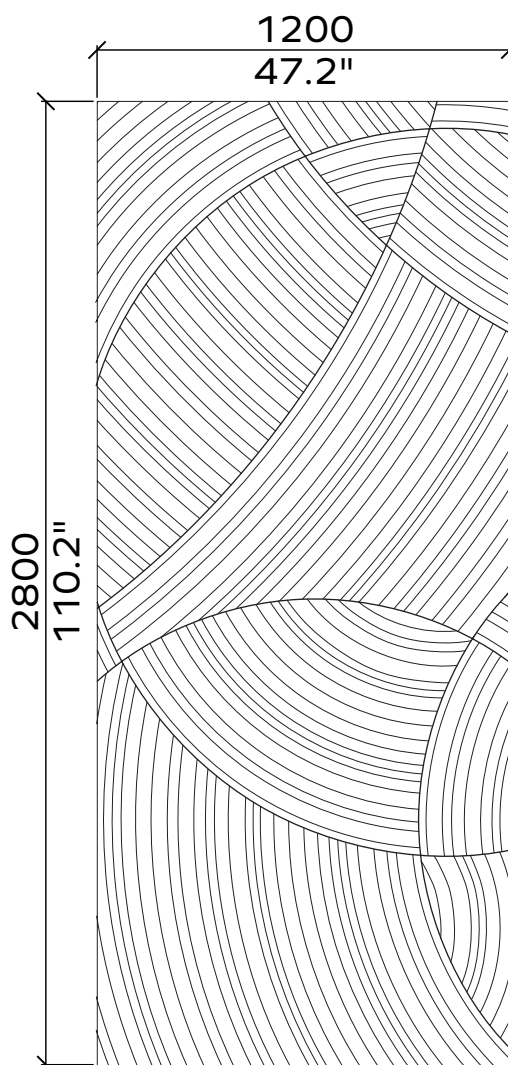
732.12.29.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

All dimensions are nominal

TAPIS

Patterns 24mm



01

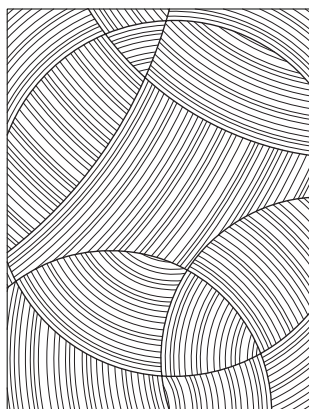
02

03

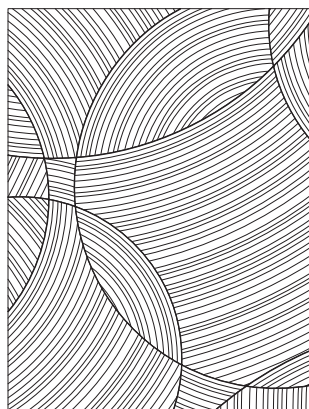
04

05

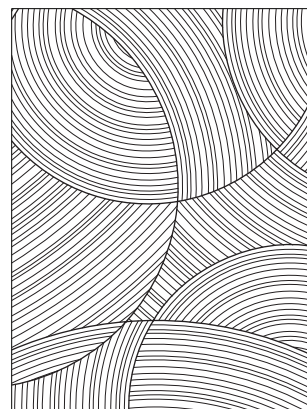
06



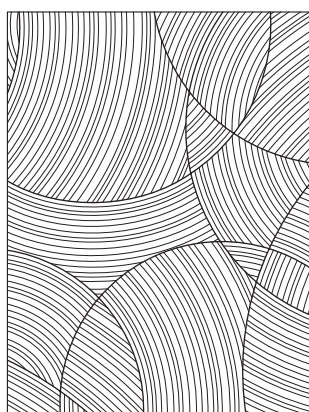
01



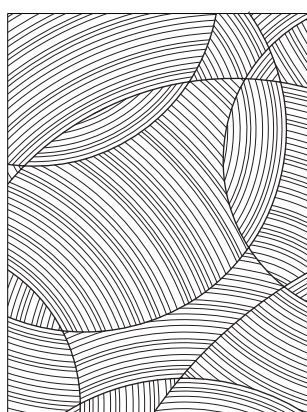
02



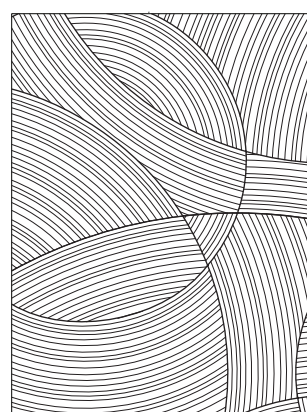
03



04



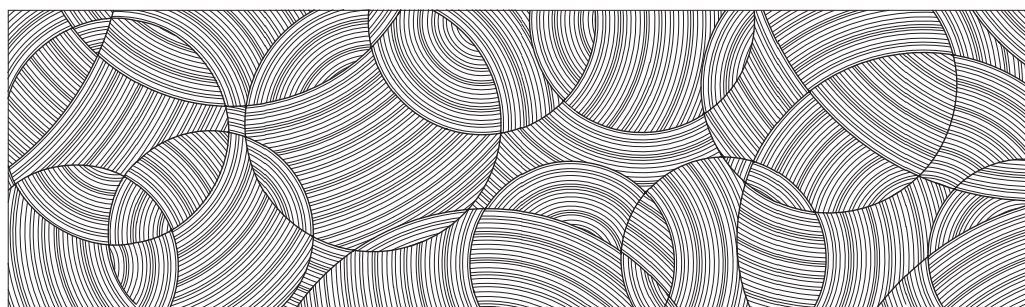
05



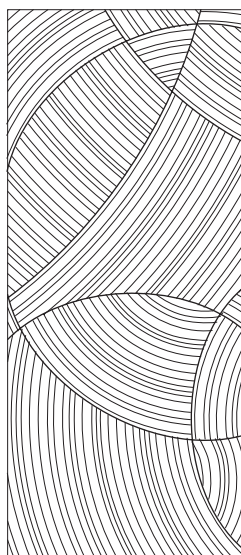
06

TAPIS

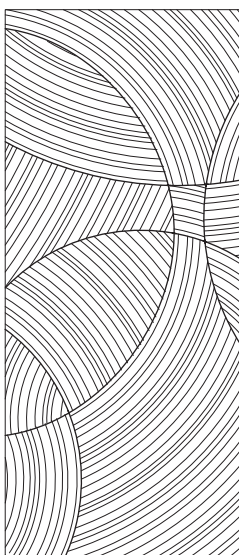
Patterns 12mm



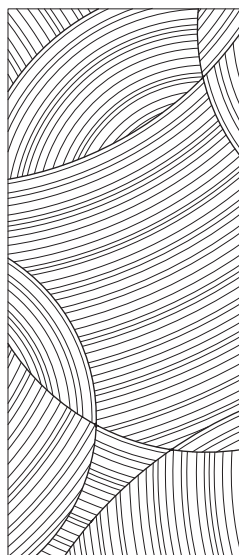
01 02 03 04 05 06 07 08



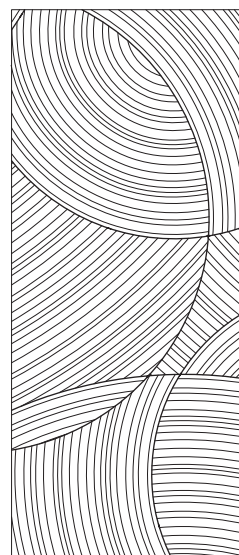
01



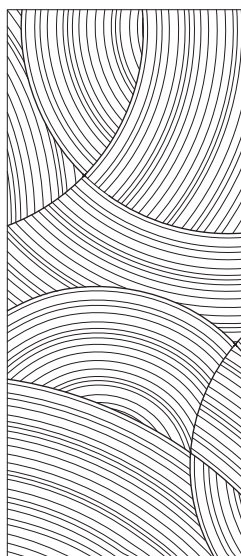
02



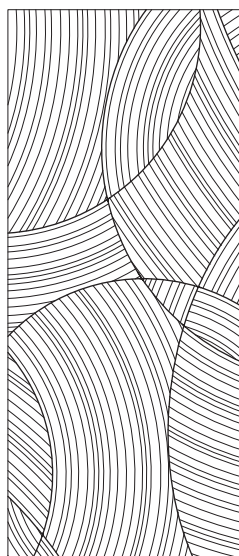
03



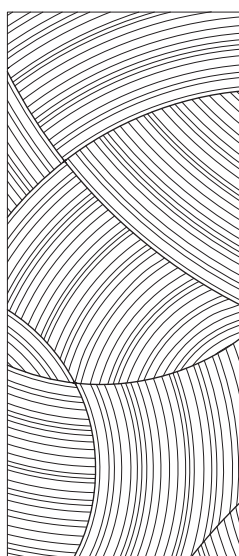
04



05



06



07



08

Geometry Information

Stream 24mm

Applicable article numbers

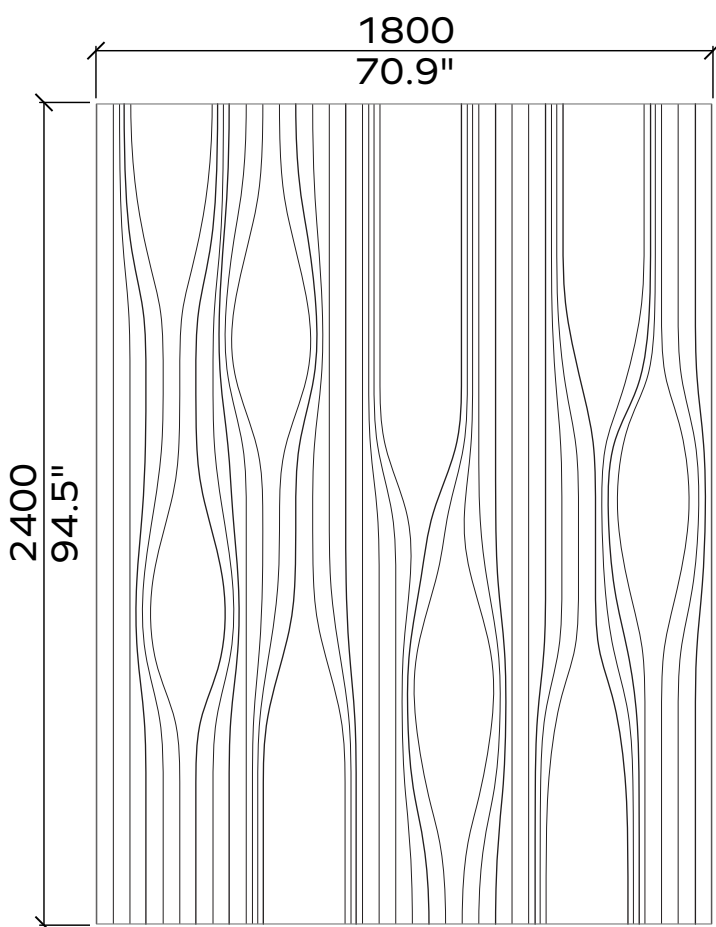
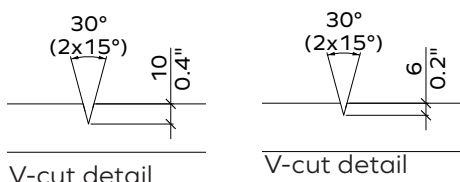
732.24.30.000.00 and .10

Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.



1x

Stream 12mm

Applicable article numbers

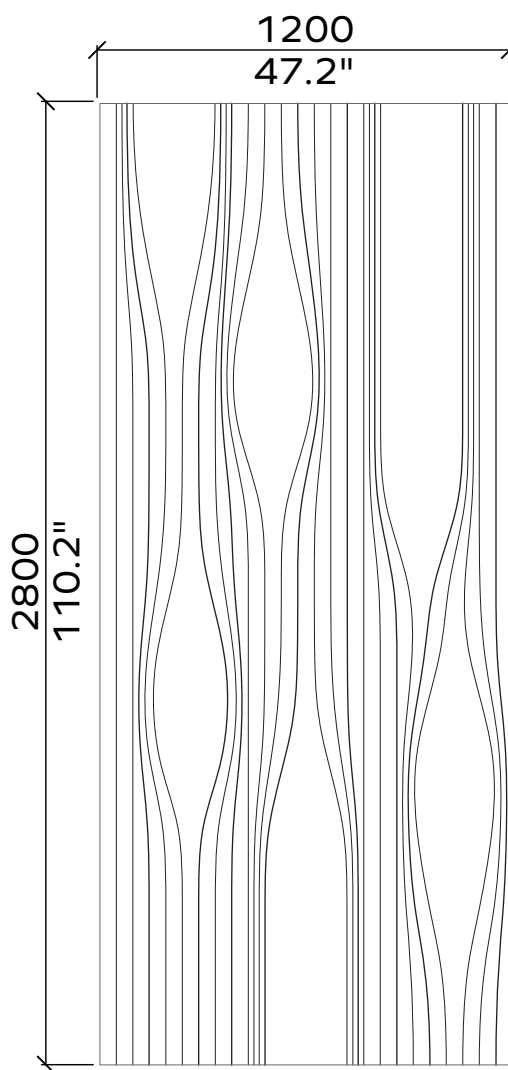
732.12.30.000.00 and .10

Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

Installation

These panels are mounted with a concealed attachment system. For other options contact our consultants.

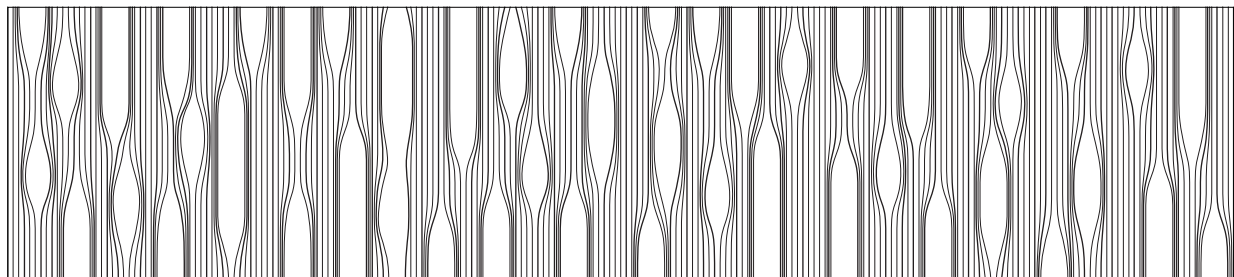


1x

All dimensions are nominal

STREAM

Patterns 24mm



01

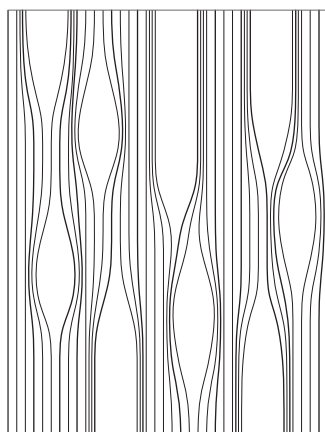
02

03

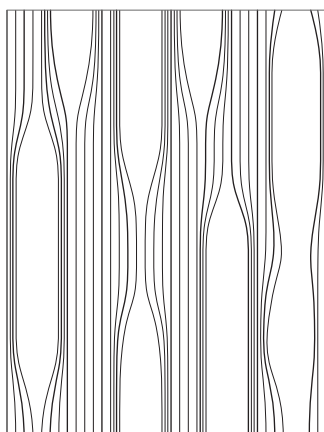
04

05

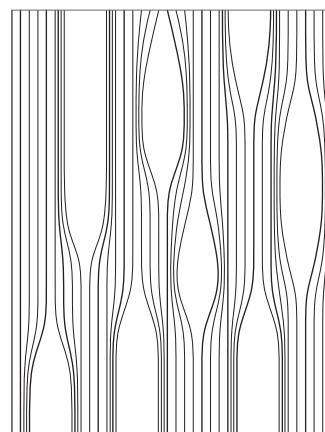
06



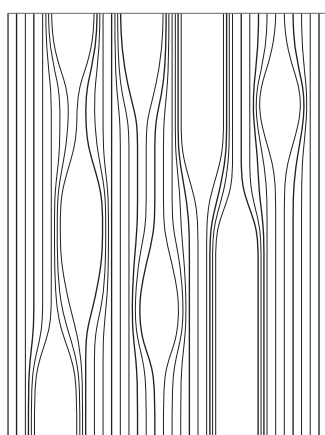
01



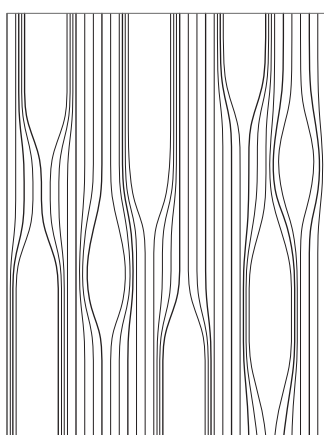
02



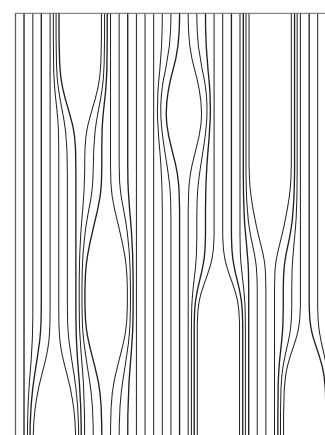
03



04



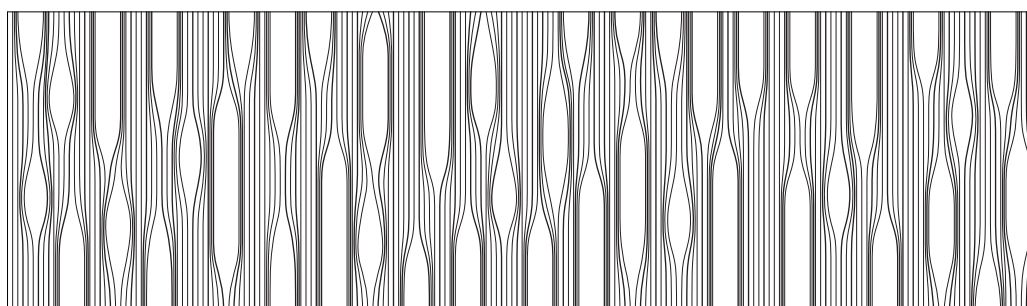
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06

STREAM

Patterns 12mm



01

02

03

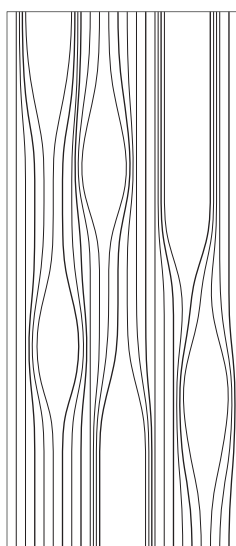
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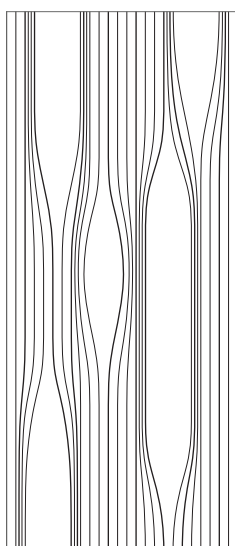
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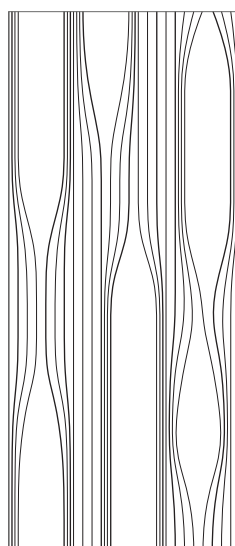
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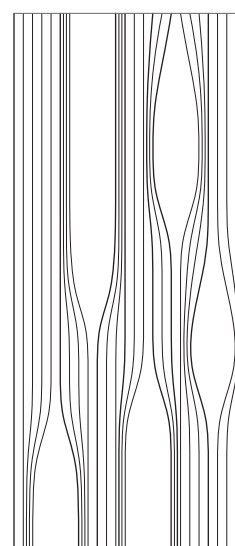
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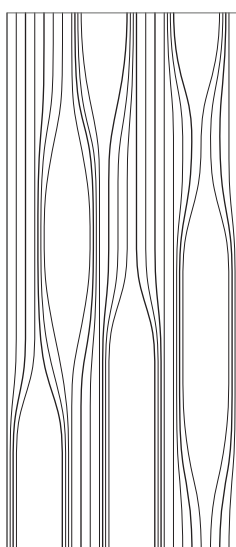
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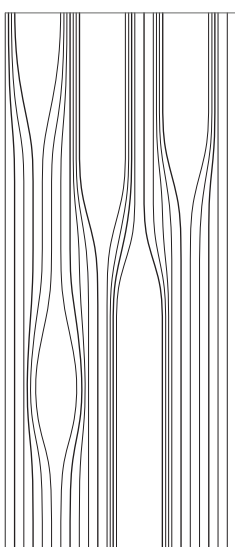
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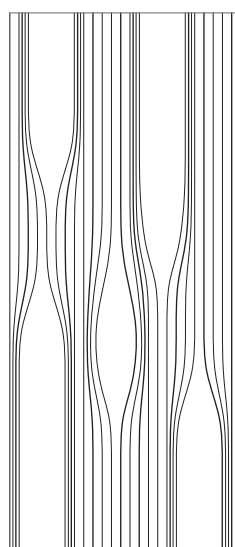
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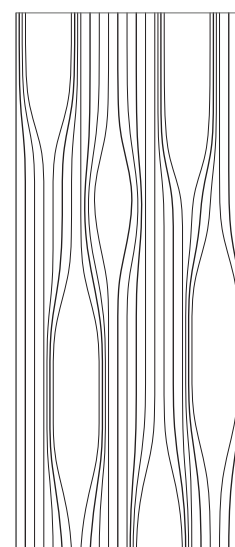
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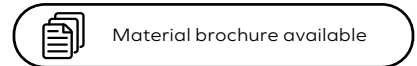
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08

ARCHISONIC®

Colours



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.

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 harmoniously to 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



ARCHISONIC® Felt

Material Specification

Product Name	ARCHISONIC® Felt	
Content	100% PET (60% certified post-consumer content)	
Thickness¹	12mm (0.47")	24mm (0.94")
Max. Size	1200x2800mm (47"x110")	1800x2400mm (70"x94")
Acoustic²	ASTM: NRC=0.6 ISO: α_w =0.65	ASTM: NRC=0.9 ISO: α_w =0.95
Density¹	2400 g/m ² (0.49 lbs/ sqft)	4000 g/m ² (0.82 lbs/sqft)
Colour Fastness	Class 6 ISO 105-B02:A1	
Colours and finishes	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 time³	21 days	
Fire Rating⁴	DIN EN 13501-1: B-s1, d0	ASTM E84 Class A
VOC Emission	28 Days French Regulation A+ ASTM E84 Pass Breeam® (International, UK, NL, SE, NOR) Exemplary CDPH (CDPH/EHLB/Standard Method V1.2) Pass	
Thermal Conductivity⁵	12 mm: 0.039 W/m·K 24 mm: 0.037 W/m·K	
Thermal Resistance⁵	12 mm: 0.30 m ² K/W 24 mm: 0.65 m ² K/W	
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, VOC emissions in LEED EQ credit (low-emitting products), 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



Climate-KIC

Declare.

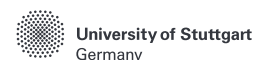


DANAK
TEST Reg.nr. 522



Wall Panels

Acoustic Performance



Testing Standards

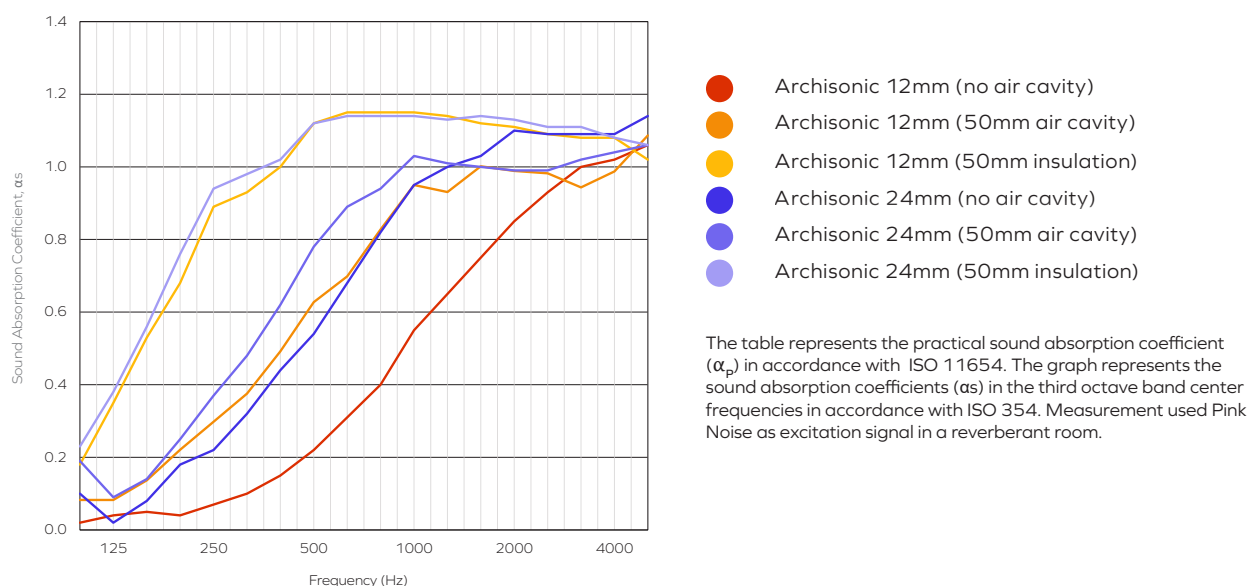
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound 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 Results	α_w	SAA	NRC
Archisonic 12mm (no air cavity)	0.3 (MH)	0.42	0.45
Archisonic 12mm (50mm air cavity)	0.6 (MH)	0.70	0.70
Archisonic 12mm (50mm insulation)	1.00	1.00	1.00
Archisonic 24mm (no air cavity)	0.55 (MH)	0.70	0.70
Archisonic 24mm (50mm air cavity)	0.65 (MH)	0.78	0.80
Archisonic 24mm (50mm insulation)	1.00	1.00	1.00

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 12mm (no air cavity)	α_p	0.05	0.05	0.25	0.55	0.85	1.00
Archisonic 12mm (50mm air cavity)	α_p	0.10	0.30	0.60	0.90	1.00	1.00
Archisonic 12mm (50mm insulation)	α_p	0.35	0.85	1.00	1.00	1.00	1.00
Archisonic 24mm (no air cavity)	α_p	0.05	0.25	0.55	0.90	1.00	1.00
Archisonic 24mm (50mm air cavity)	α_p	0.15	0.35	0.75	1.00	1.00	1.00
Archisonic 24mm (50mm insulation)	α_p	0.40	0.90	1.00	1.00	1.00	1.00



Wall Panels

Reference Projects



Wall Panels

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

48 h



Order Confirmation

Production¹

2 - 3 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 questions.



+41 41 244 14 00



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

IMPACT ACOUSTIC®
Wall Panels
rev.03 - 18.08.26

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Impact**

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