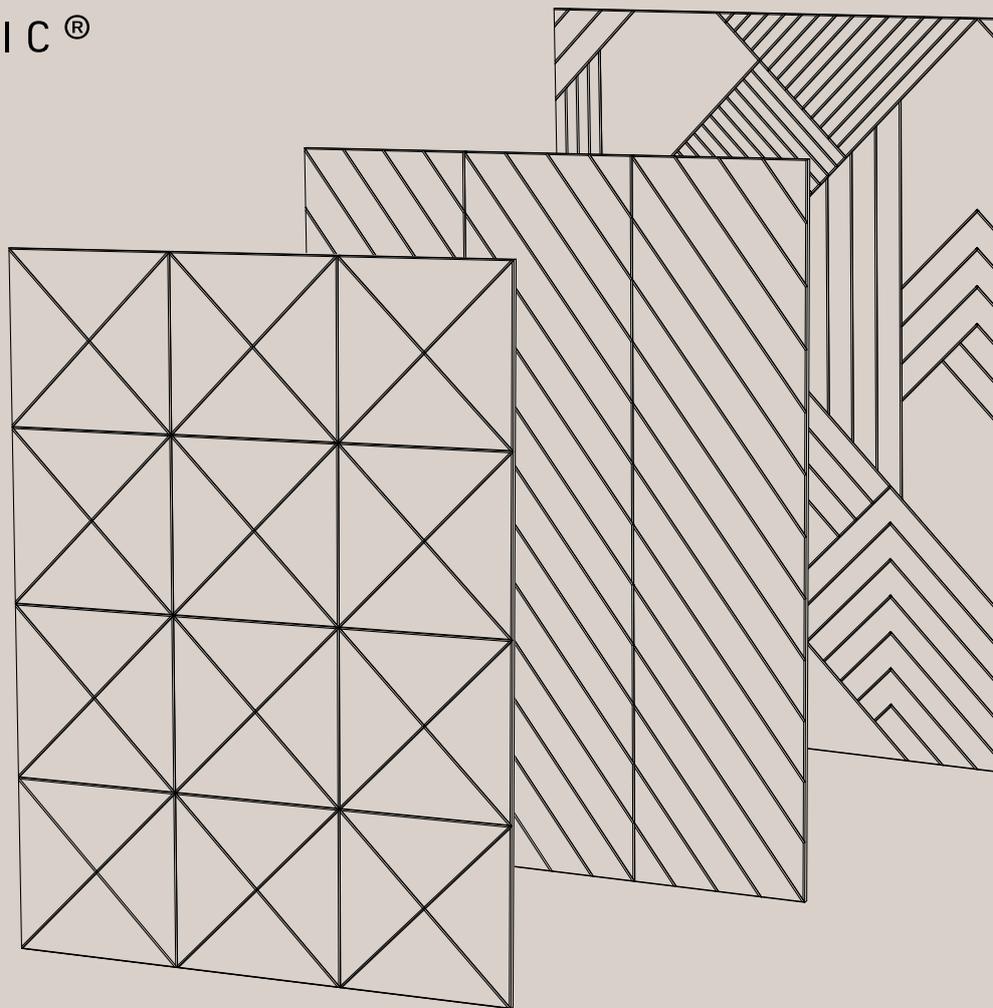


**IMPACT ACOUSTIC®**



# Wall Panels

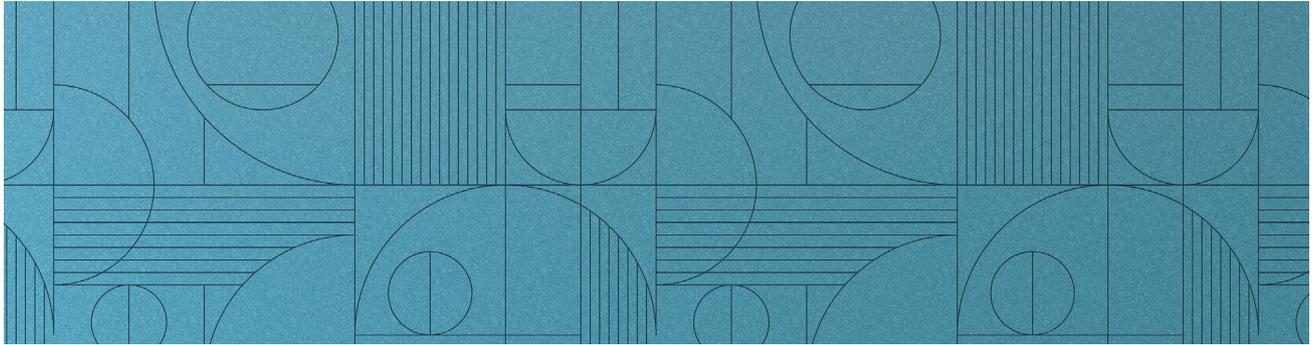
## Ready-made

731.24.11-31.000.00  
731.12.11-31.000.00  
732.24.10-32.000.00  
732.12.10-32.000.00

TECHNICAL DATA SHEET

# Wall Panels

## General Information

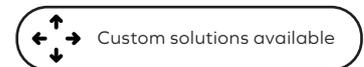


### Data

#### Applicable article numbers

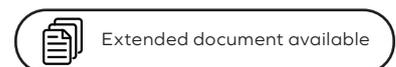
731.24.11-31.000.00 and .10  
 731.12.11-31.000.00 and .10  
 732.24.10-32.000.00 and .10  
 732.12.10-32.000.00 and .10

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



#### Material

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



#### Weight<sup>2</sup>

24mm / 0.95"	4 kg/m <sup>2</sup>	0.82 lbs/sq.ft
12mm / 0.47"	2.4 kg/m <sup>2</sup>	0.49 lbs/sq.ft

### Included

PET Panels



Installation  
guide



Warranty  
10 years<sup>3</sup>



1 - all dimensions are nominal

2 - all weights are nominal

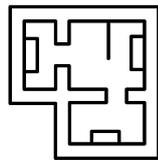
3 - Impact Acoustic warranty terms apply

# Wall Panels

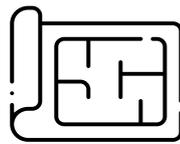
## Specification Guide

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

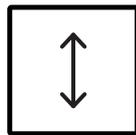


Plans

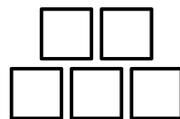


Other Considerations

### 2 Specify your Wall Covering:



Material Thickness

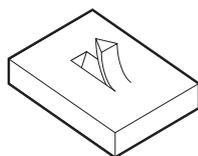


Quantity

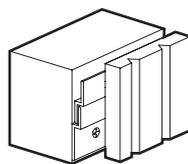


Colour

### 3 Mount options:



Undercover mount<sup>1</sup>



Z-Clip profiles



Spray adhesive

### 4 Article numbers:

732	Material Thickness <sup>2</sup>	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

<sup>1</sup> - Patent Pending No.102024000009088

<sup>2</sup> - all dimensions are nominal

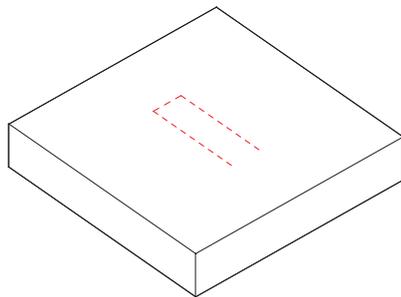
# Wall Panels

## Installation methods overview

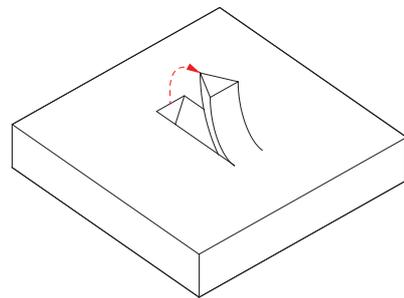
### Undercover Mount (standard) *Patent Pending<sup>1</sup>*

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**.

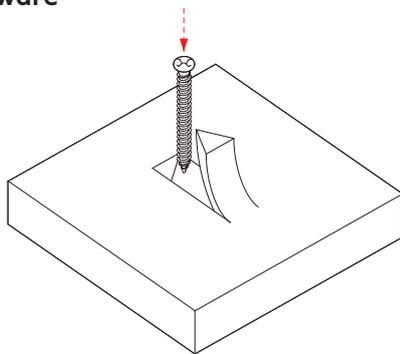
#### 1 Locate the Undercover cuts on the panel



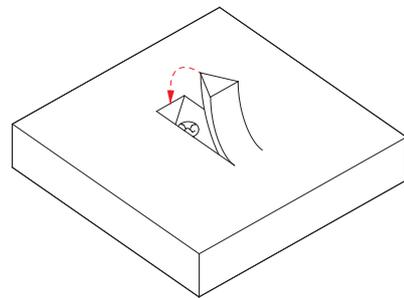
#### 2 Pull out the edge



#### 3 Install hardware



#### 4 Close



1 - Patent Pending No.10202400009088

## Geometry Information

### Plaid 24mm

**Applicable article numbers**

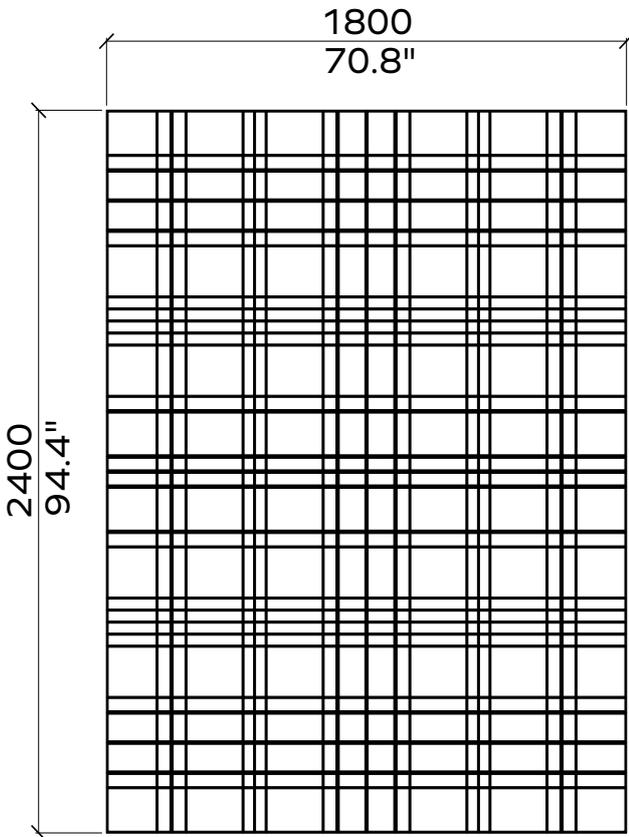
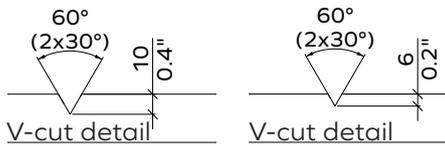
732.24.32.000.00 and .10

**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**

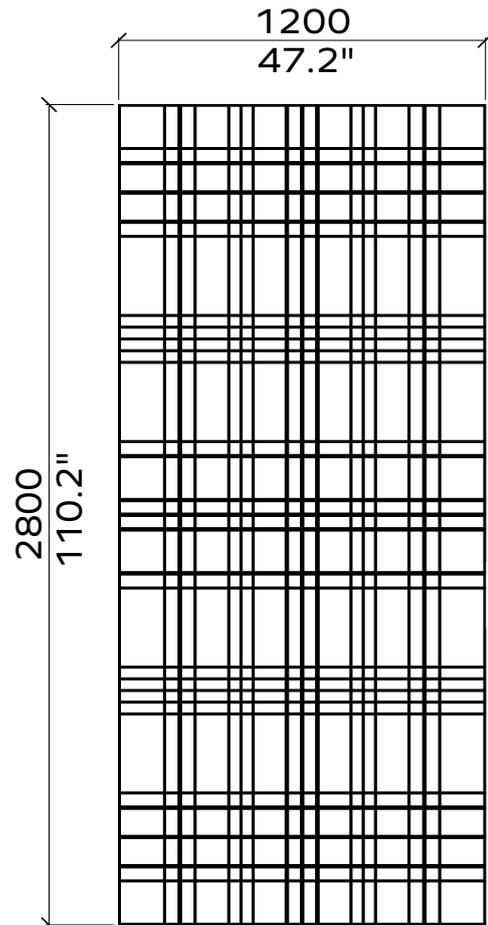
732.12.32.000.00 and .10

**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

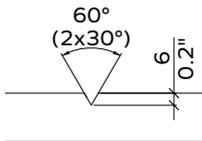
731.12.10.000.00 and .10  
 731.12.11.000.00 and .10  
 731.12.12.000.00 and .10

#### Scope of delivery

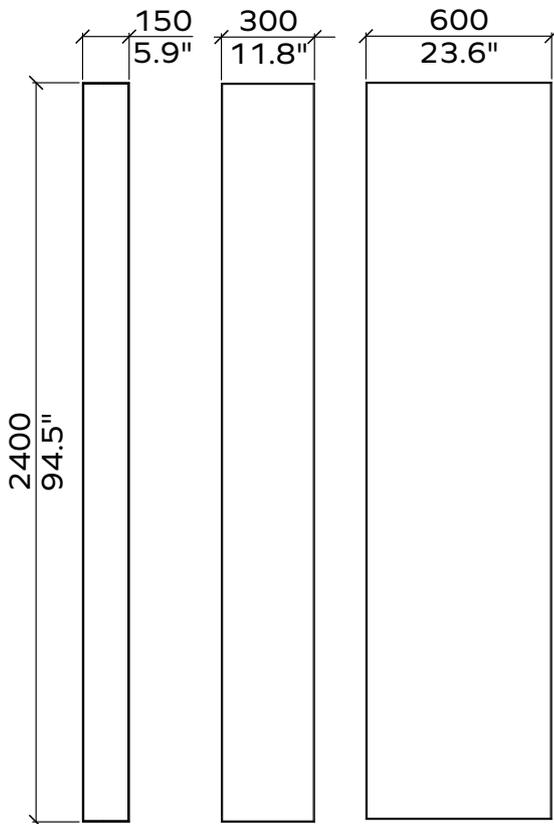
For each 12mm item you will receive a set of PET panels (in the dimensions below).

#### Installation

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



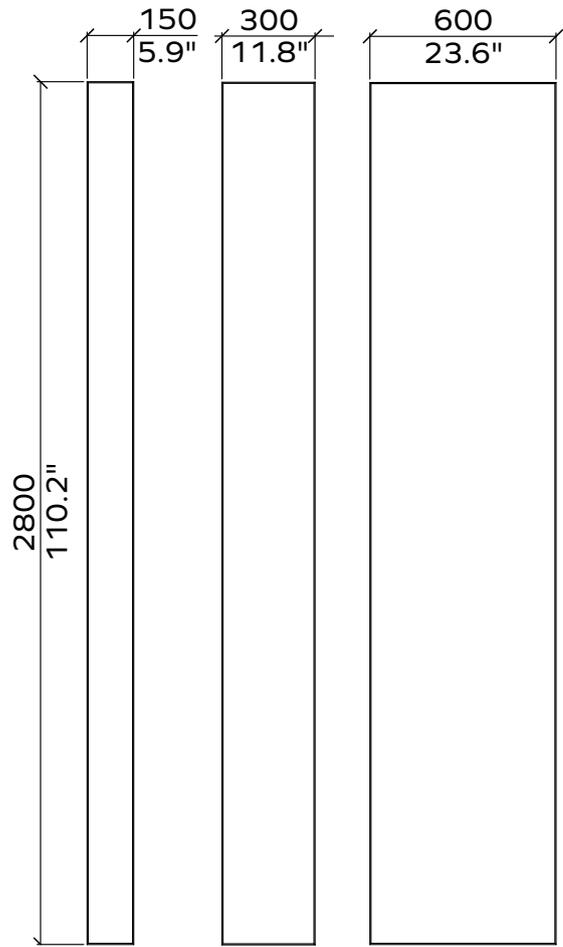
V-cut detail



12x

6x

3x



8x

4x

2x

## Geometry Information

### Fishbone 24mm

**Applicable article numbers**

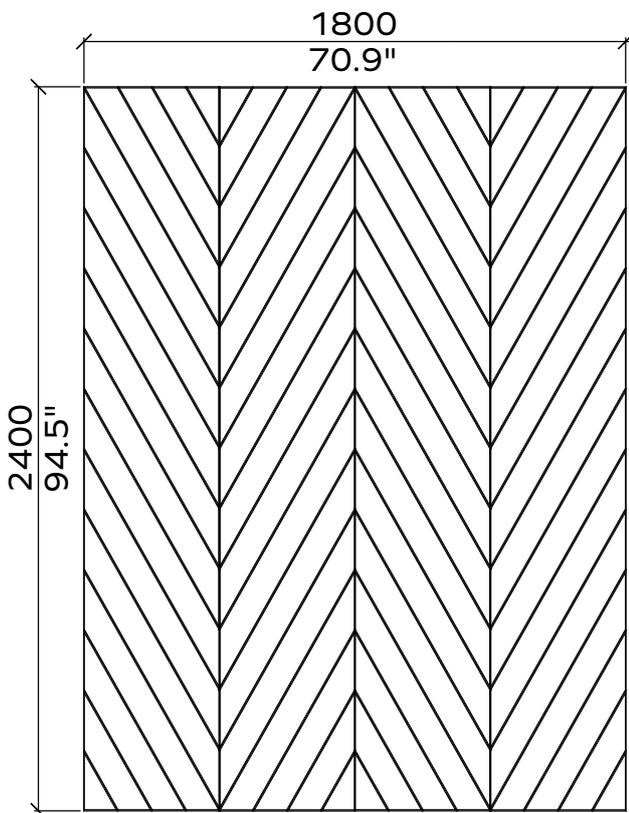
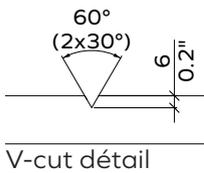
731.24.21.000.00 and .10

**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.



1x

### Fishbone 12mm

**Applicable article numbers**

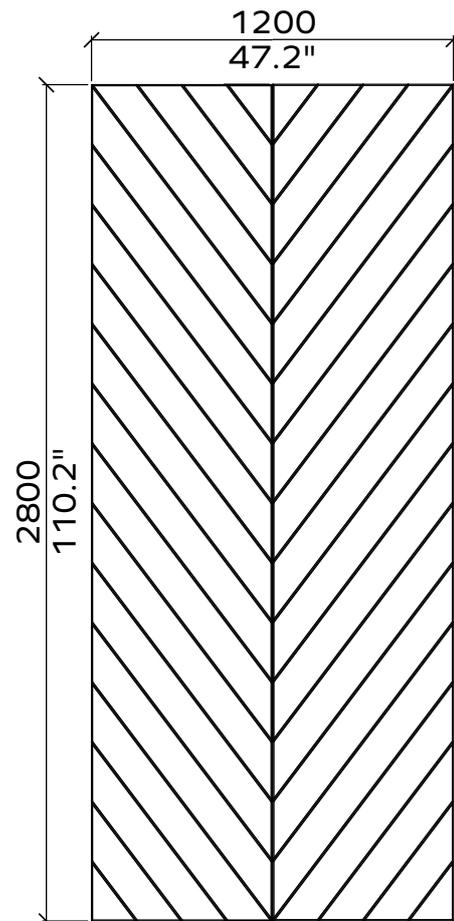
731.12.21.000.00 and .10

**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.



1x

All dimensions are nominal

# HEXAGON

Custom solutions available

## 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

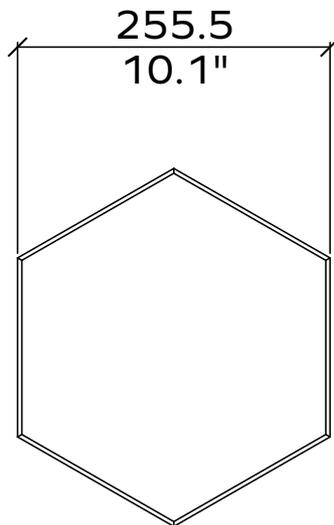
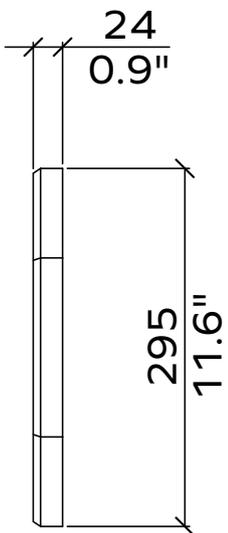
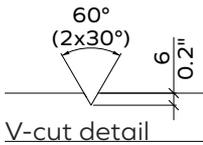
731.12.20.000.00 and .10

#### Scope of delivery

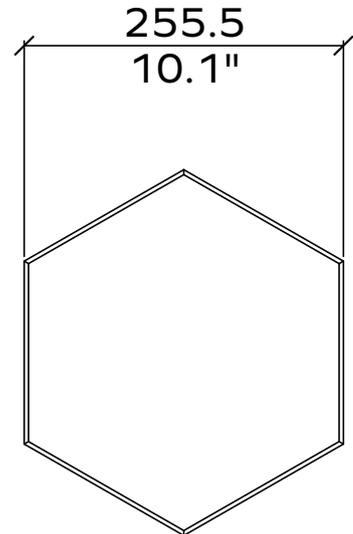
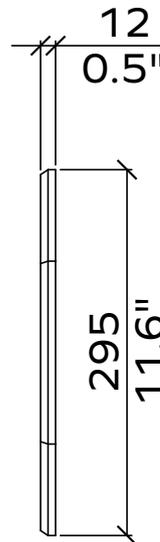
For each 12mm item you will receive a set of 48x PET panels (in the dimensions below)

#### Installation

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



65x



48x

All dimensions are nominal

# FLOW



## 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

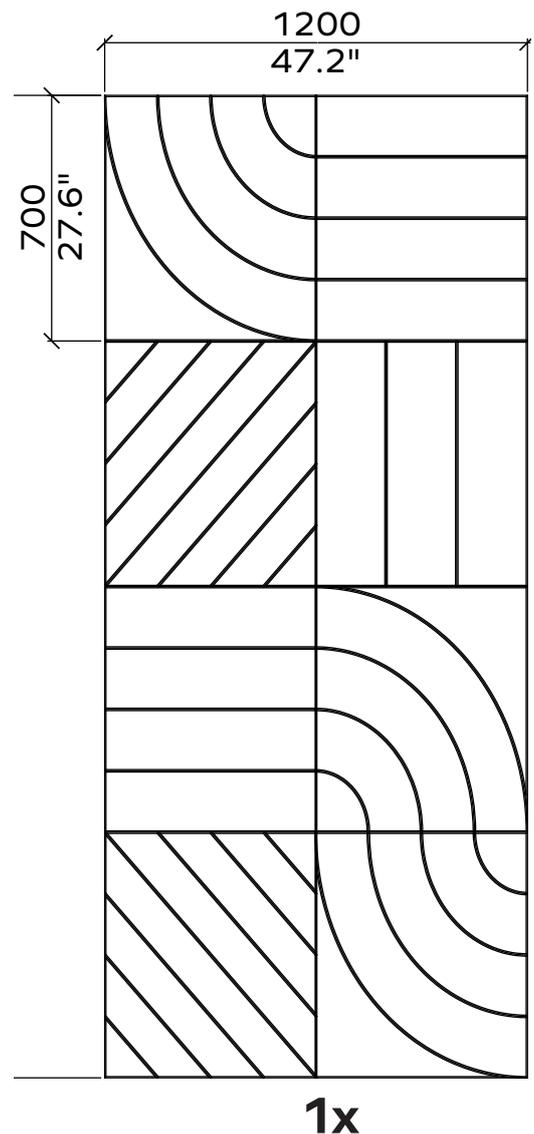
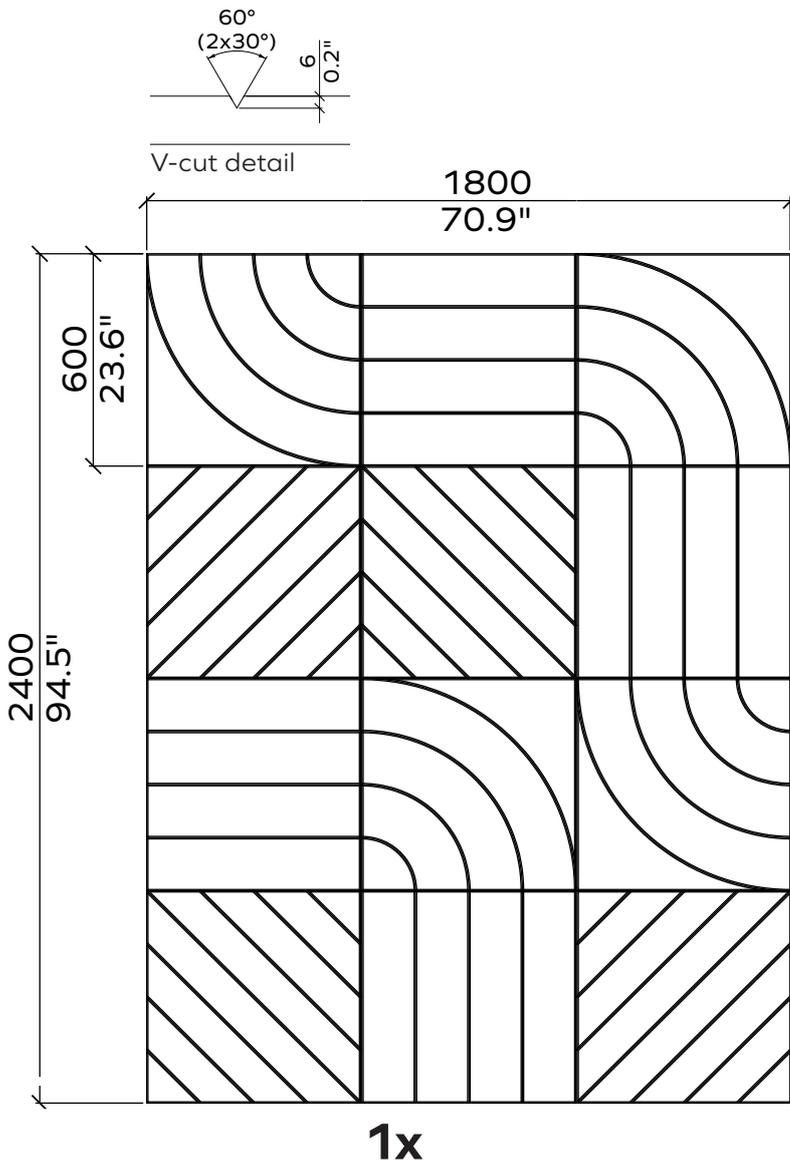
732.12.11.000.00 and .10

#### 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.

### Kingscross 12mm

**Applicable article numbers**

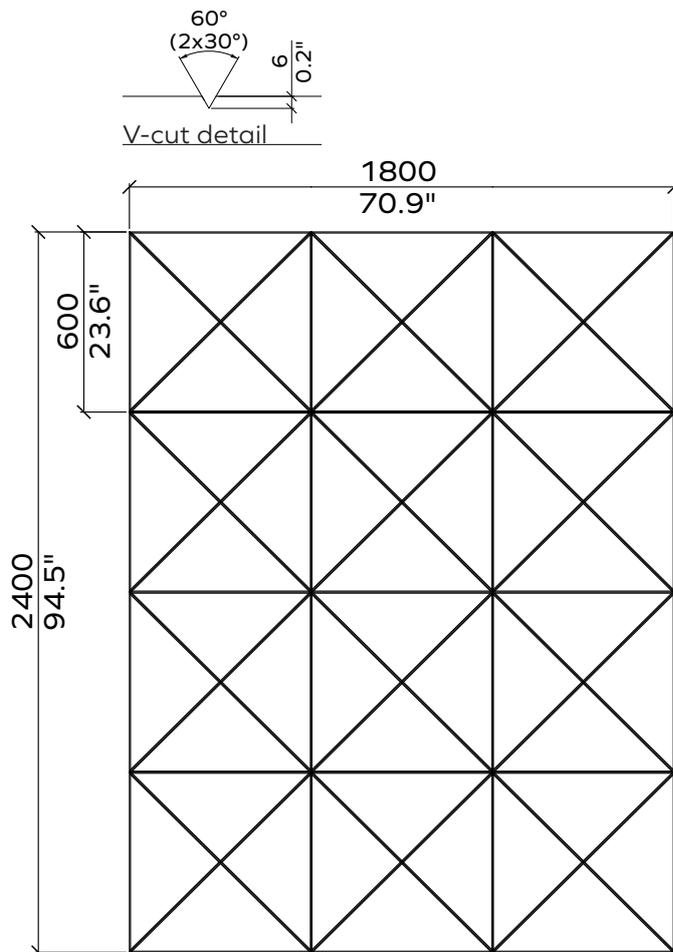
732.12.12.000.00 and .10

**Scope of delivery**

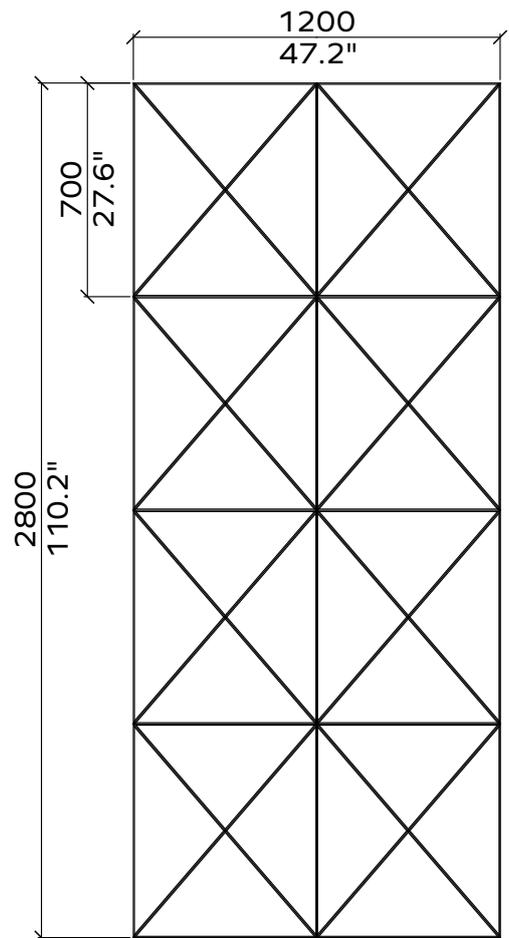
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



**1x**



**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**

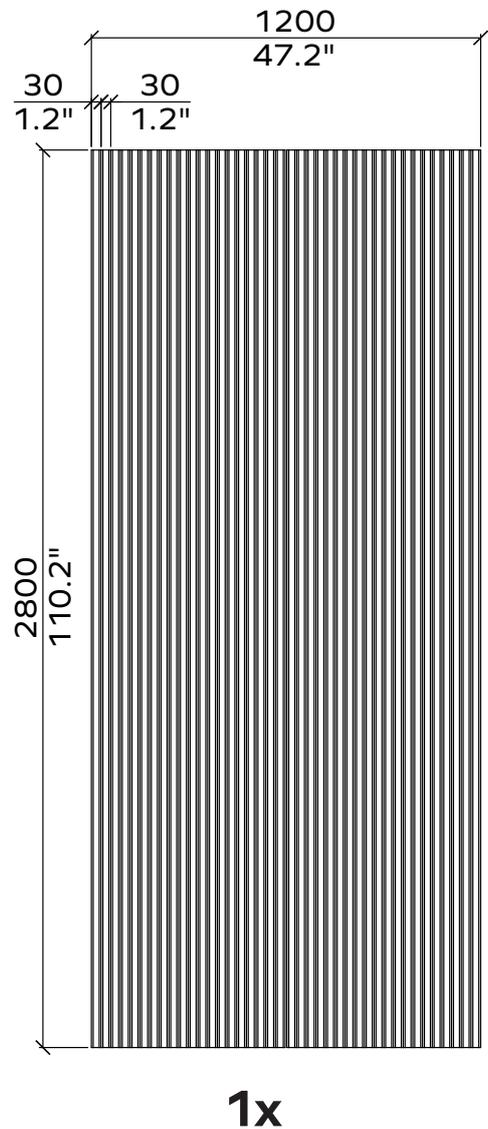
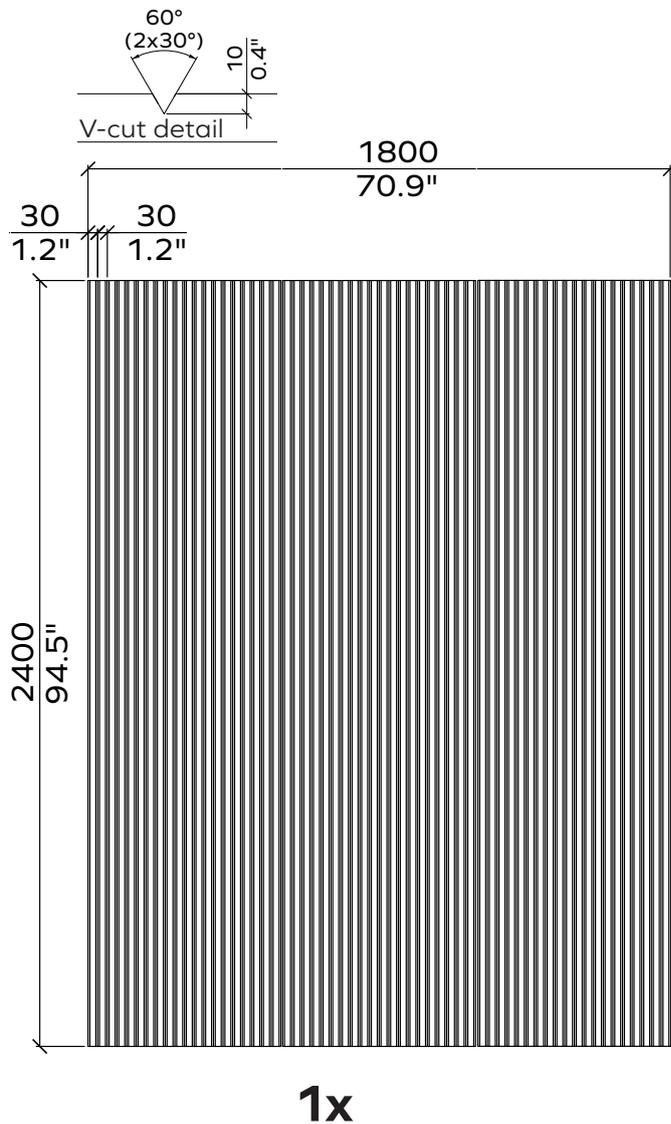
732.12.13.000.00 and .10

**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

# VERTIGO FINE



## Geometry Information

### Vertigo Fine 24mm

#### Applicable article numbers

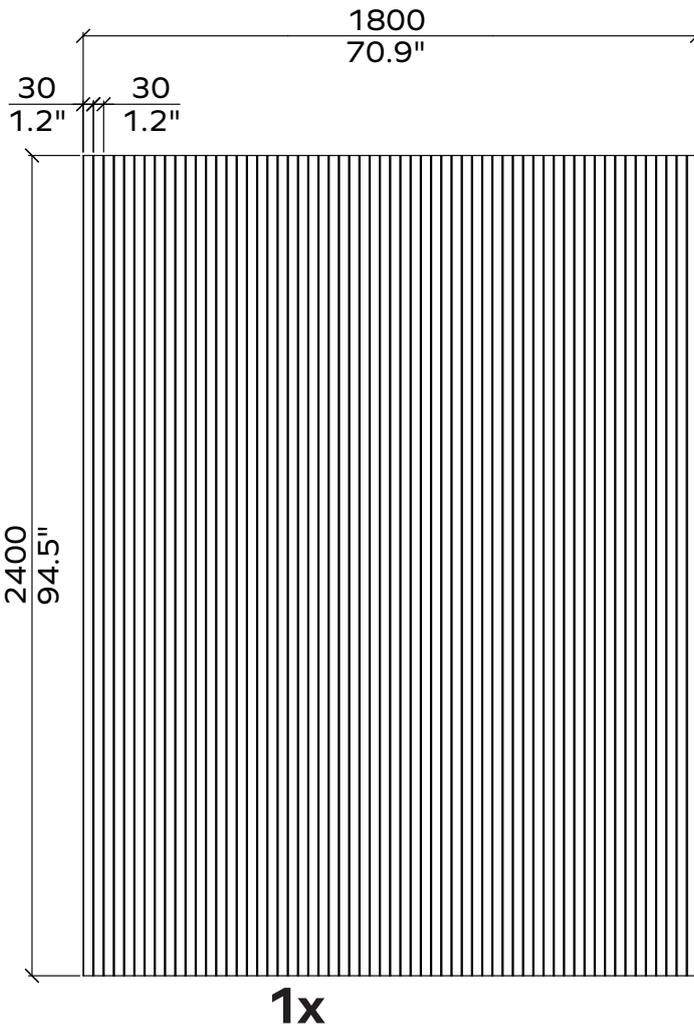
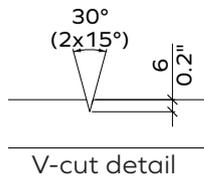
732.24.14.000.00 and .10

#### 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

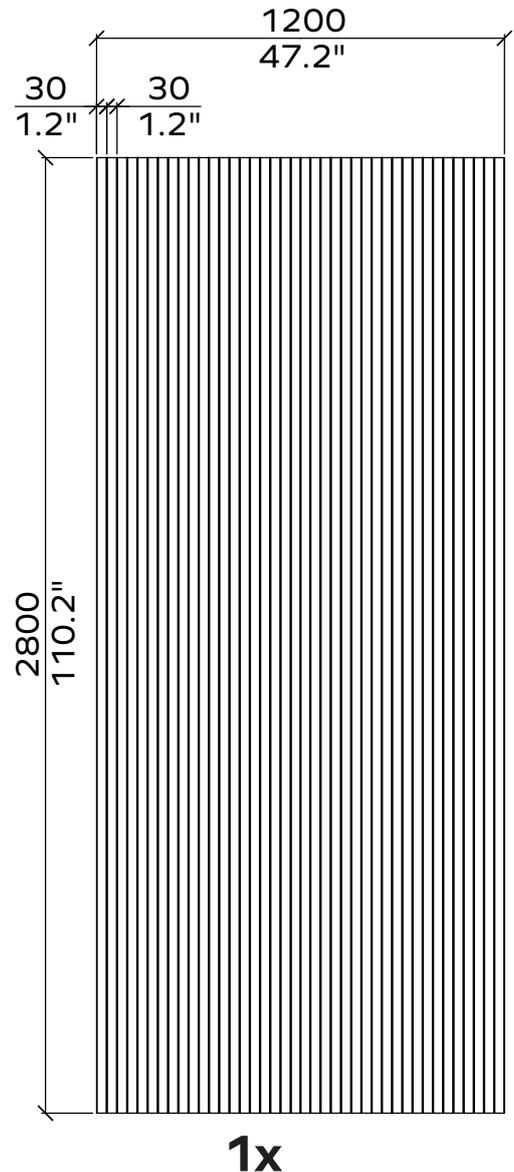
732.12.14.000.00 and .10

#### 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

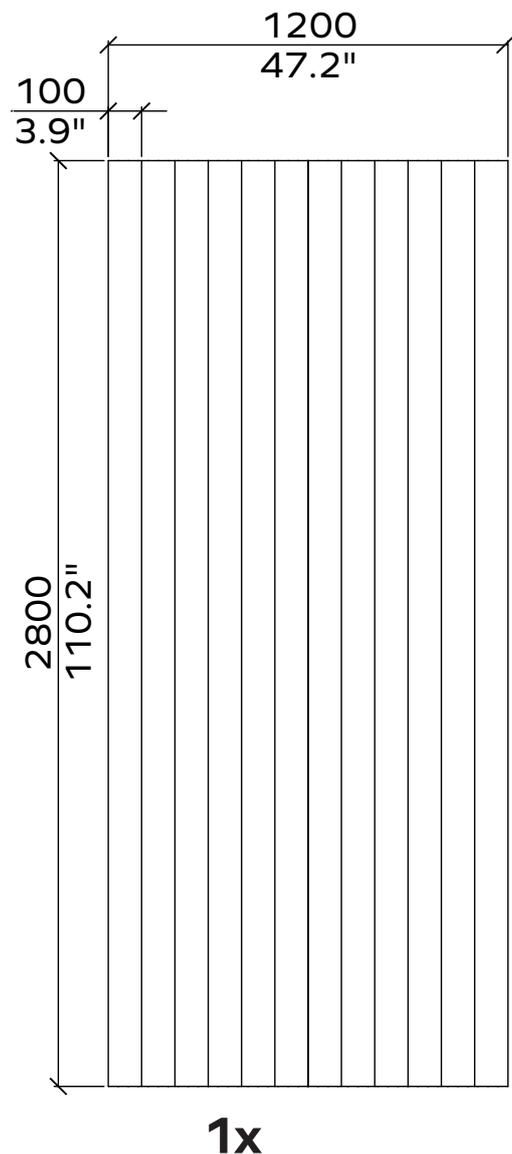
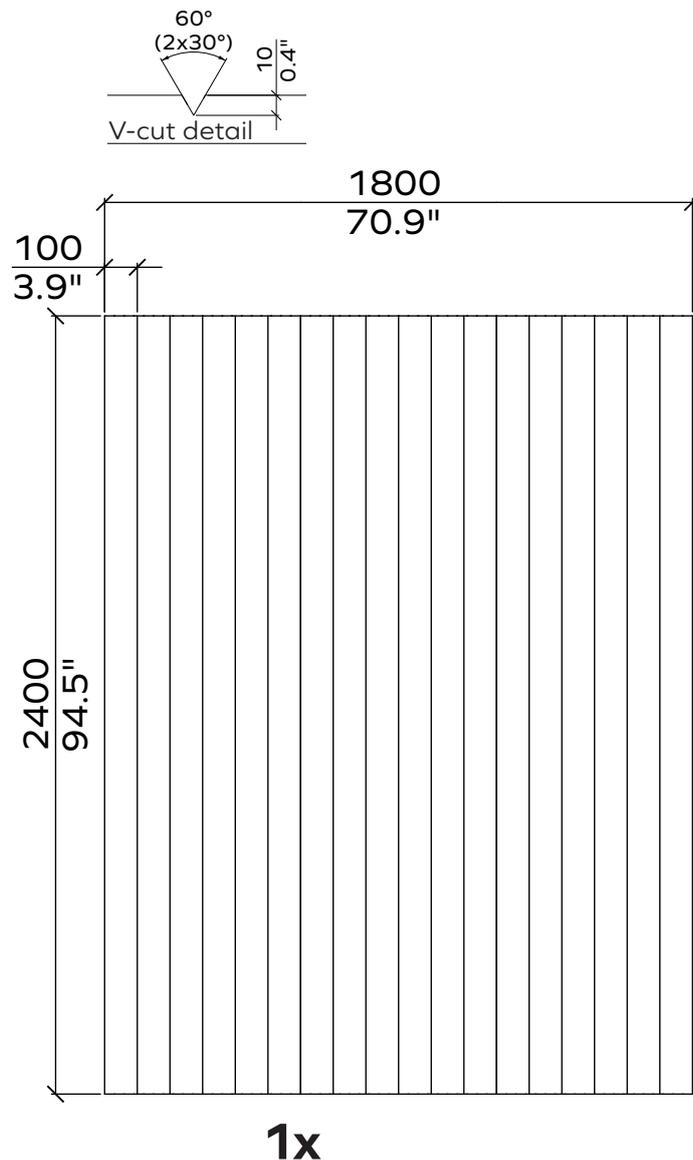
732.12.31.000.00 and .10

#### 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

Custom solutions available

### 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**

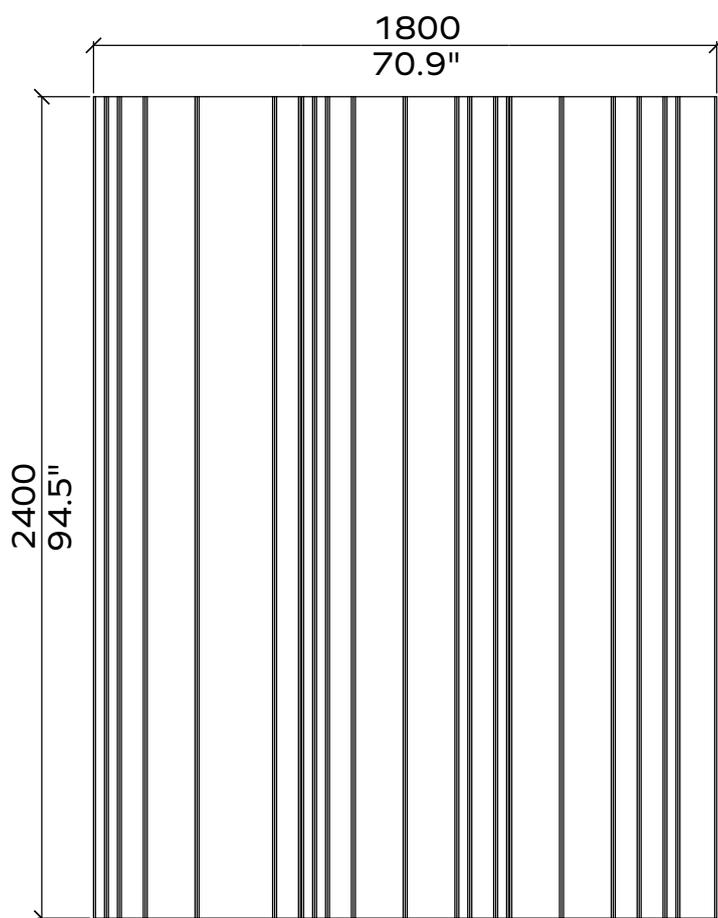
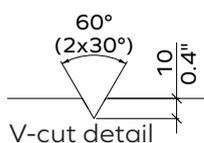
732.12.15.000.00 and .10

**Scope of delivery**

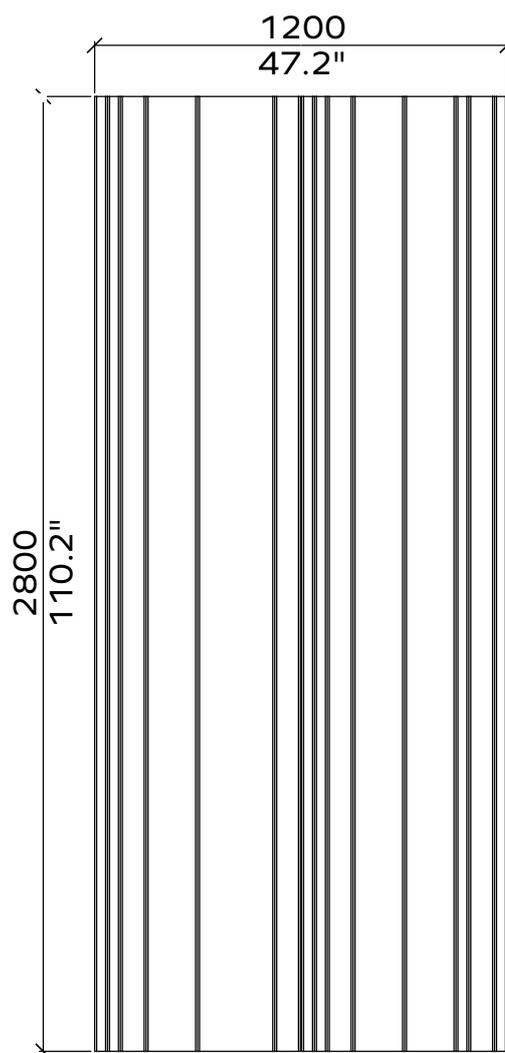
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



1x



1x

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**

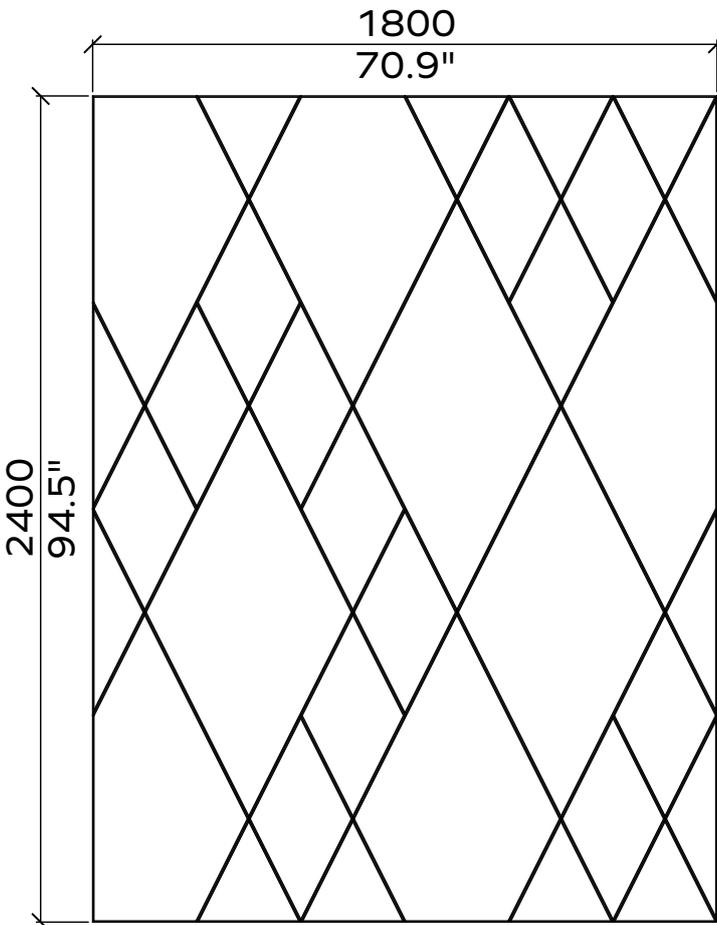
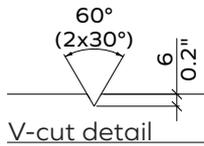
732.12.16.000.00 and .10

**Scope of delivery**

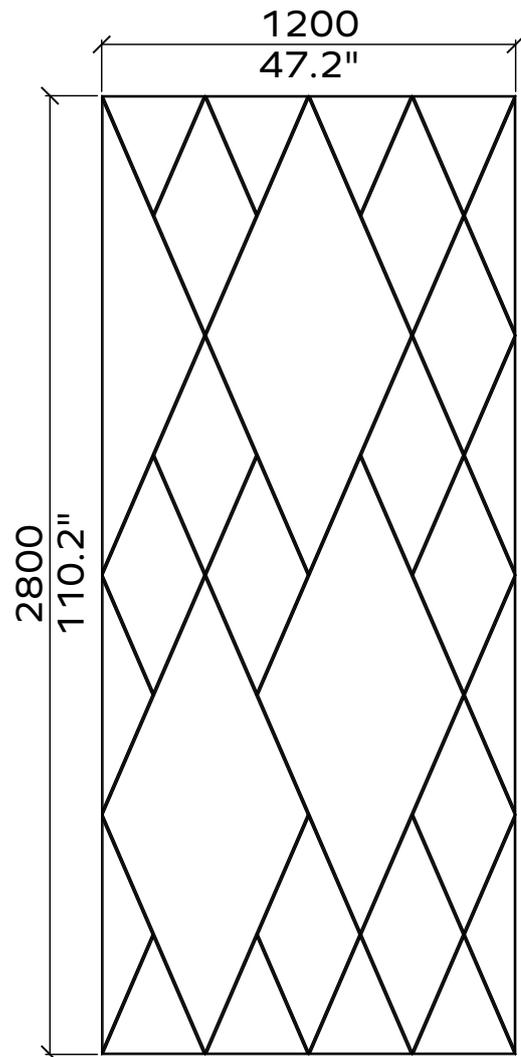
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



1x



1x

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**

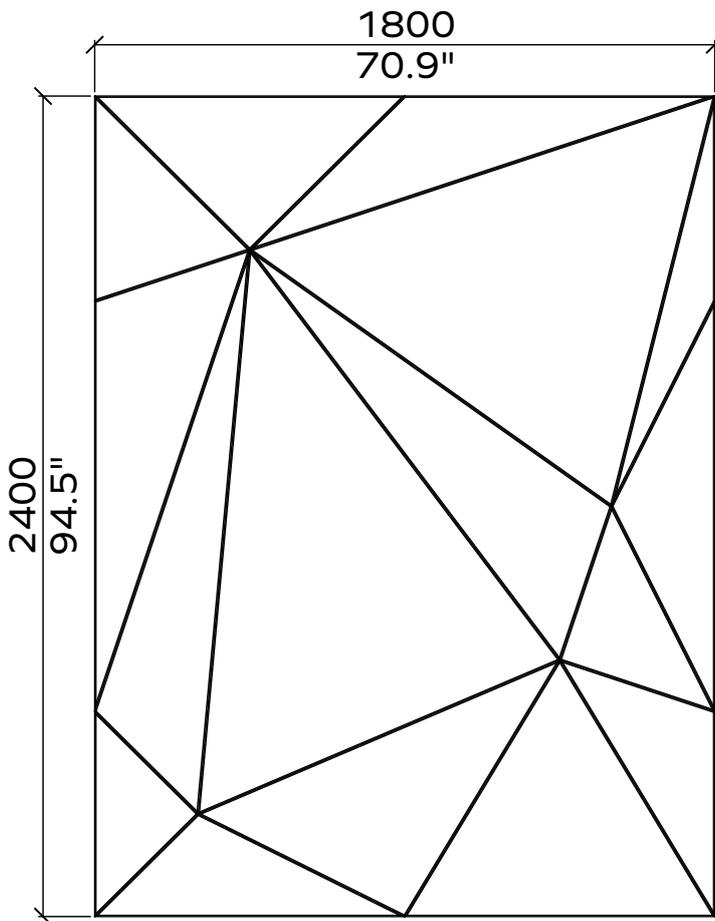
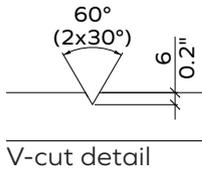
732.12.17.000.00 and .10

**Scope of delivery**

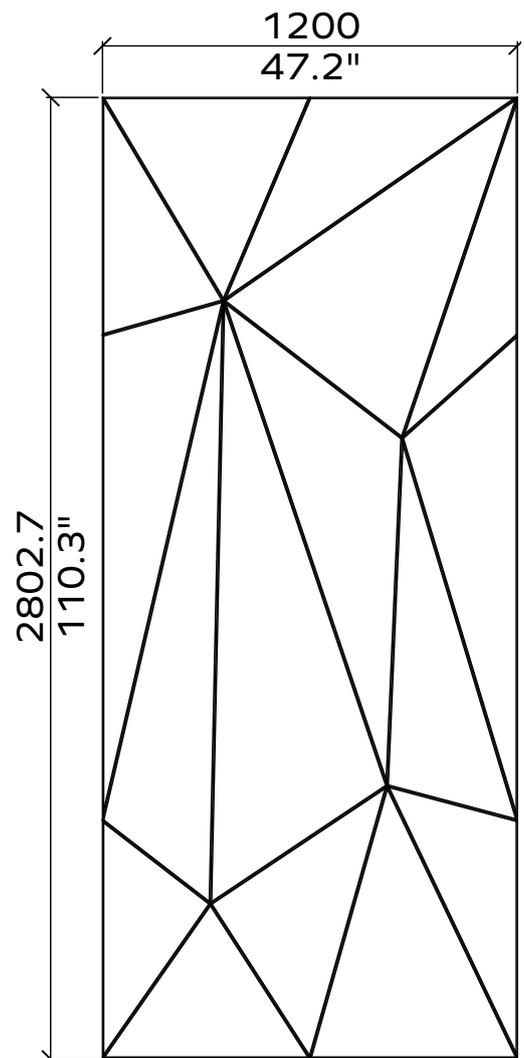
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



**1x**



**1x**

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**

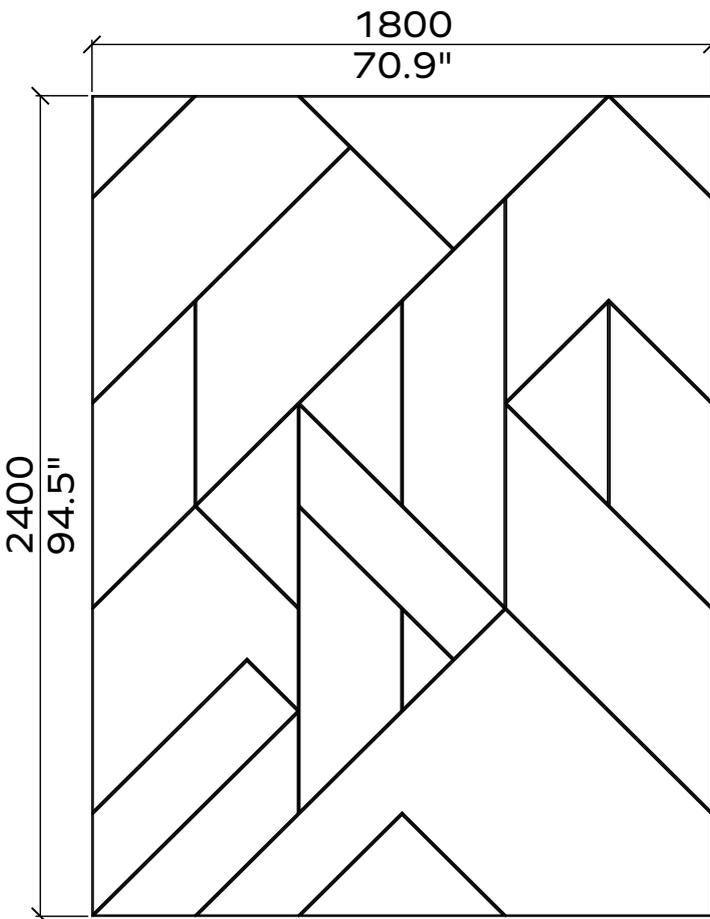
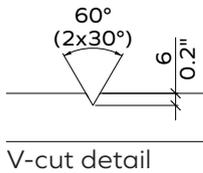
732.12.18.000.00 and .10

**Scope of delivery**

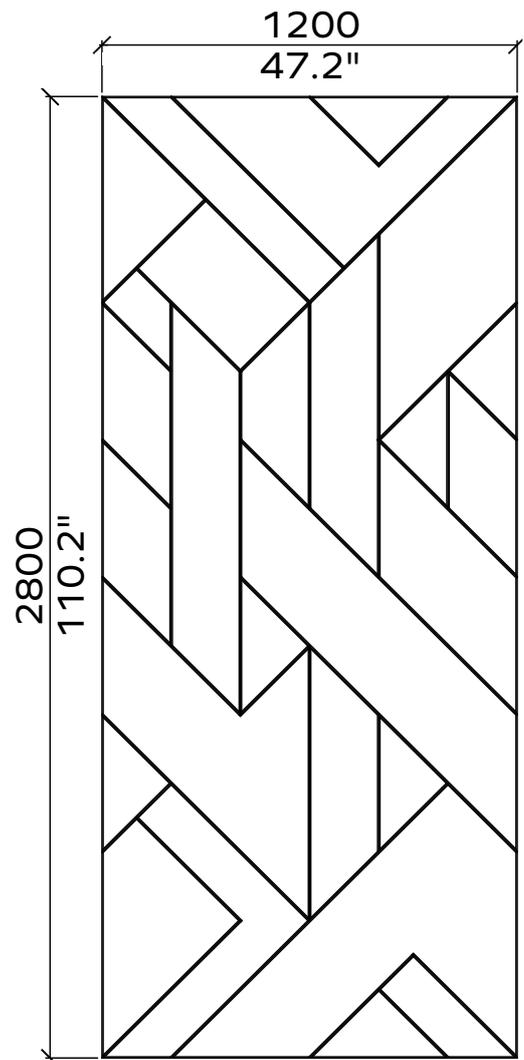
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



**1x**



**1x**

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**

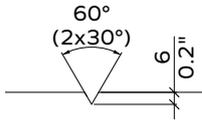
732.12.19.000.00 and .10

**Scope of delivery**

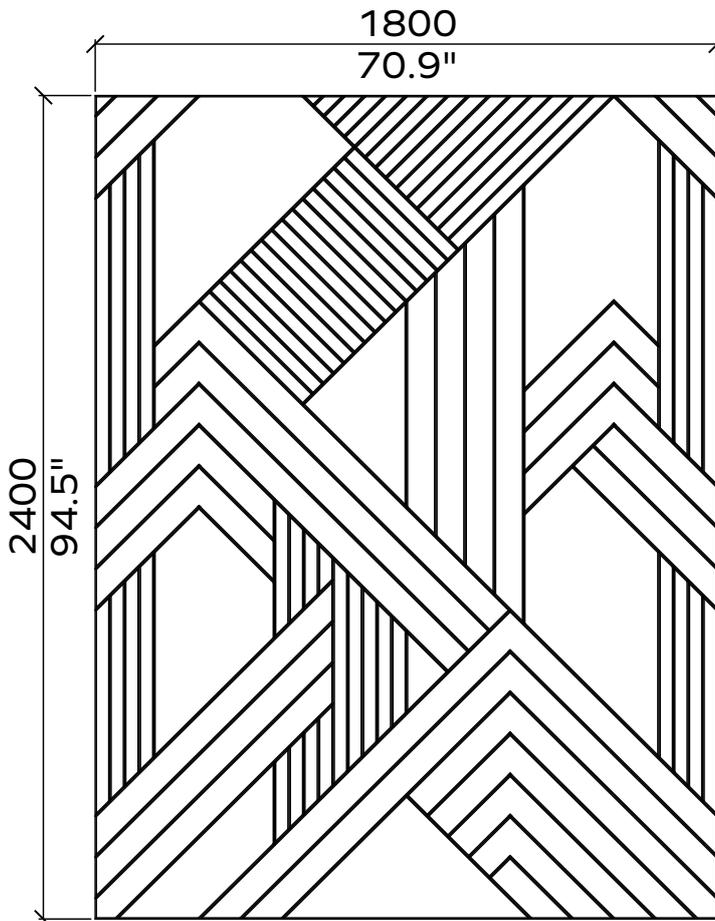
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

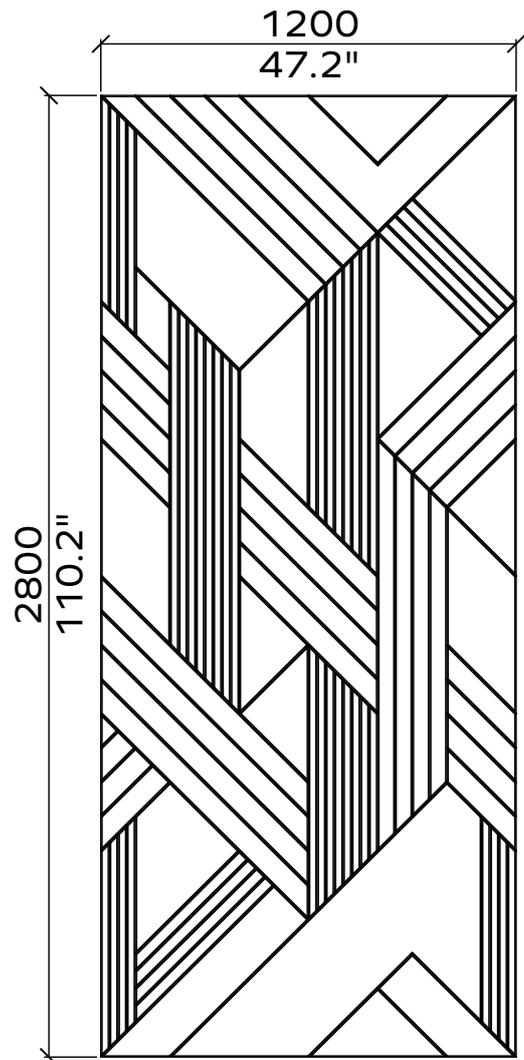
These panels are mounted with a concealed attachment system. For other options contact our consultants.



V-cut detail



1x



1x

All dimensions are nominal

# CONTOUR



## Geometry Information

### Contour 24mm

#### Applicable article numbers

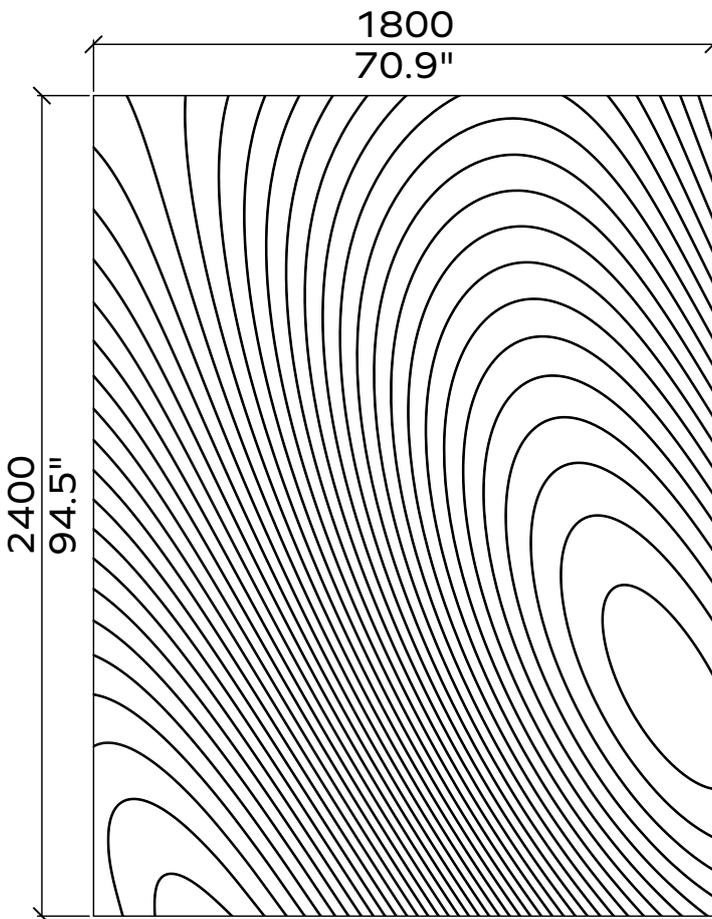
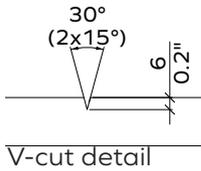
732.24.20.000.00 and .10

#### 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

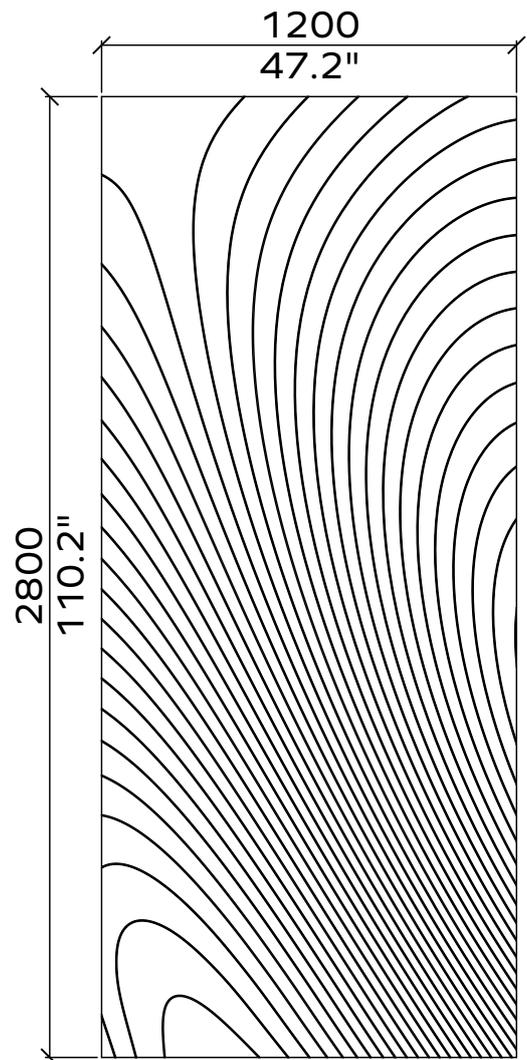
732.12.20.000.00 and .10

#### 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.

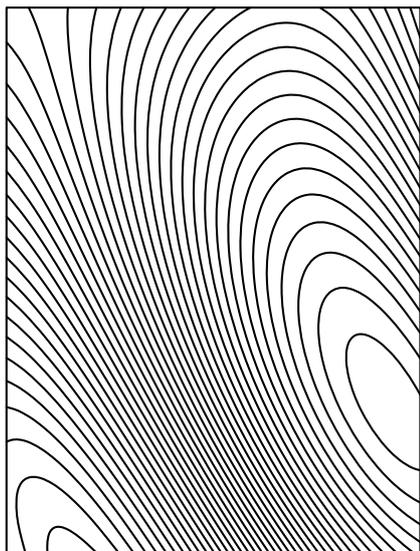
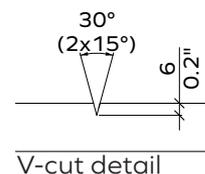


1x

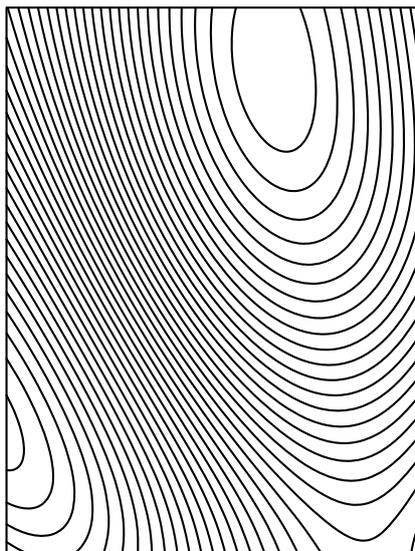
All dimensions are nominal

# CONTOUR

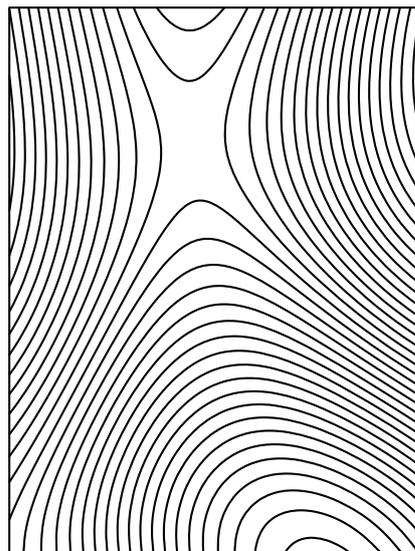
## Patterns 24mm



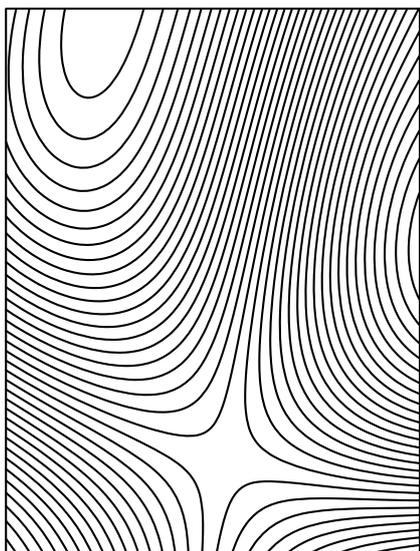
01



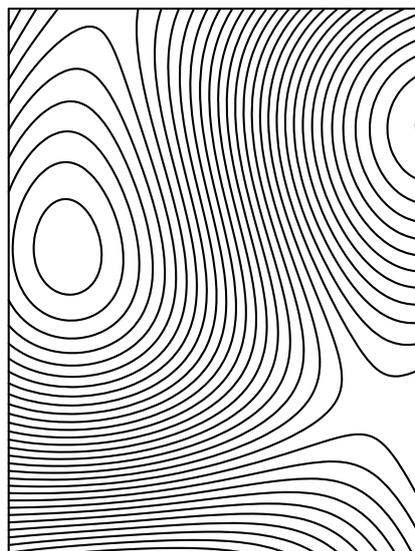
02



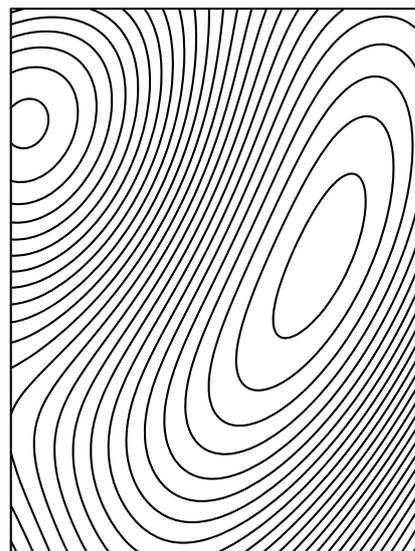
03



04



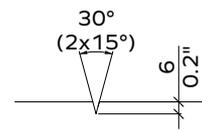
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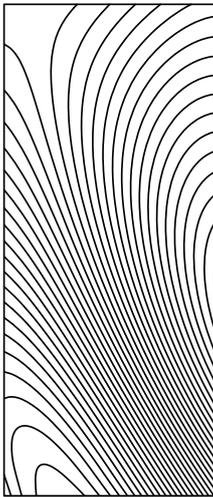
06

# CONTOUR

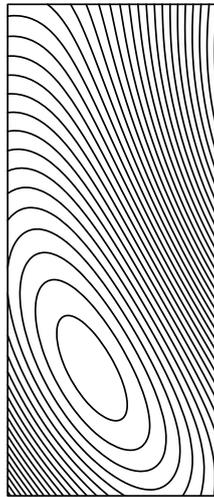
## Patterns 12mm



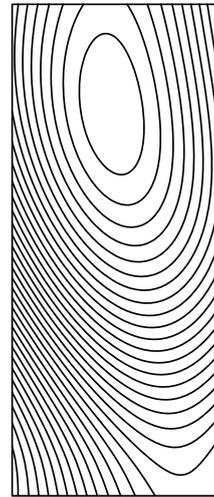
V-cut detail



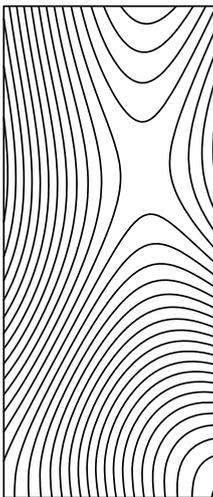
01



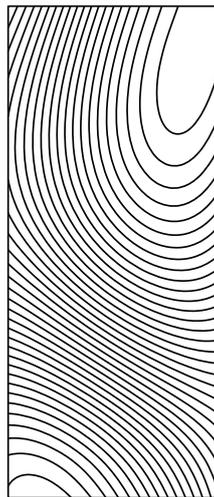
02



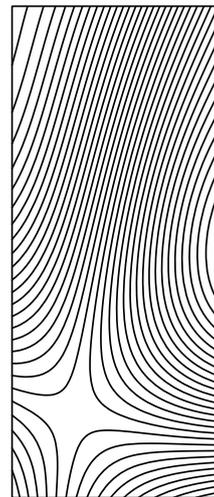
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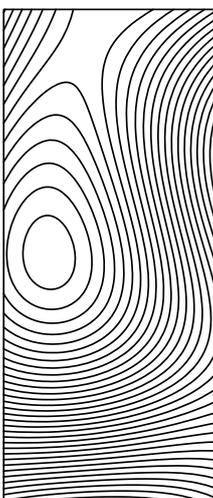
04



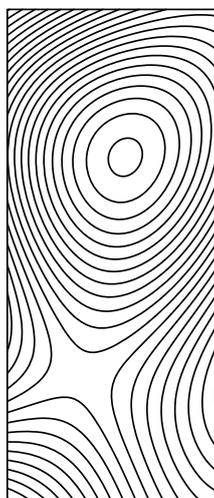
05



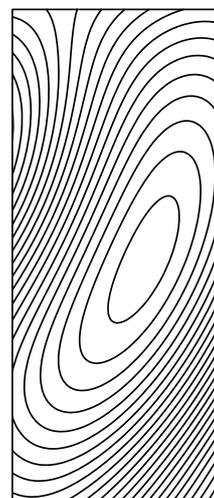
06



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.

### Loop 12mm

**Applicable article numbers**

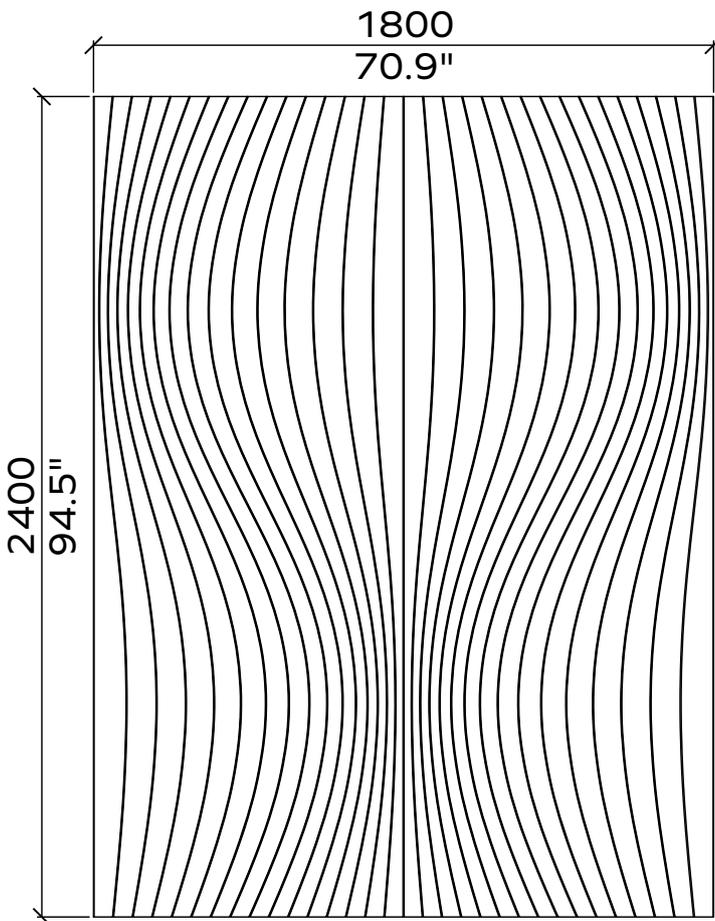
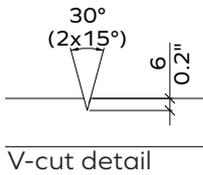
732.12.21.000.00 and .10

**Scope of delivery**

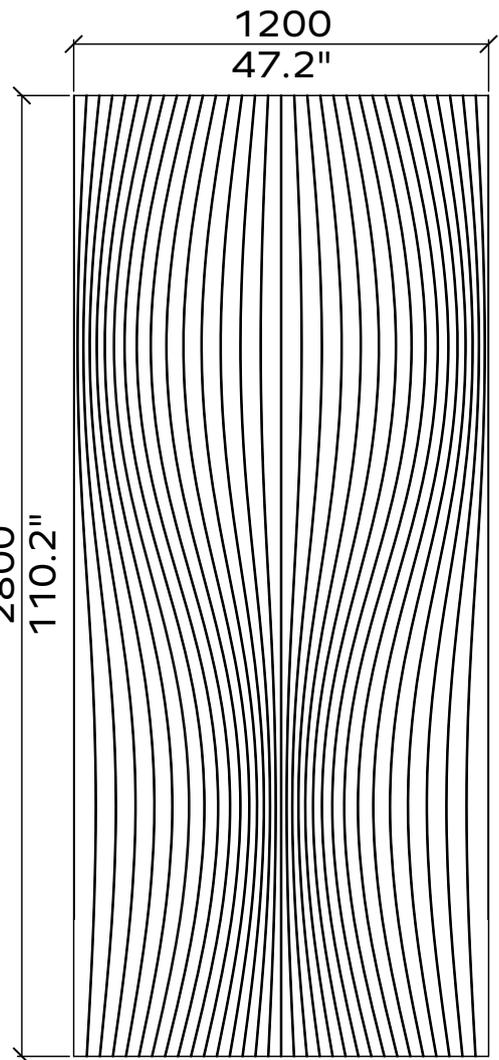
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



1x



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**

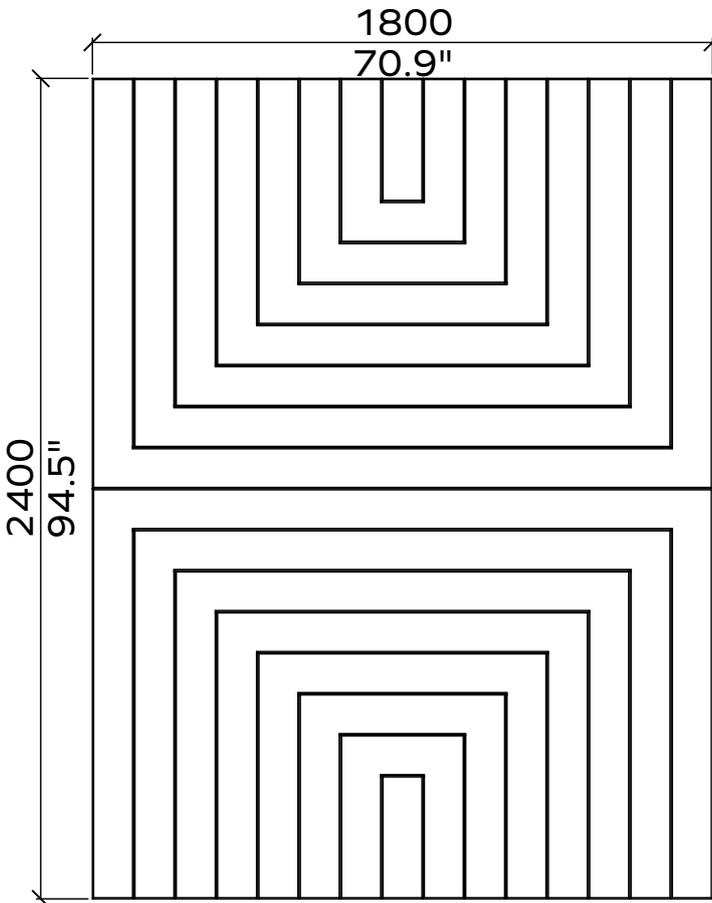
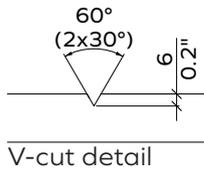
732.12.22.000.00 and .10

**Scope of delivery**

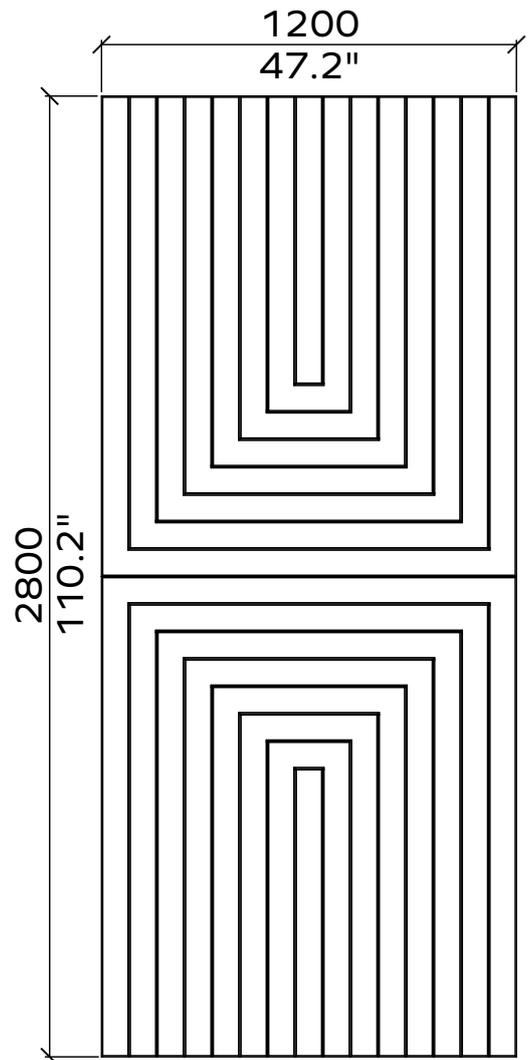
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



1x



1x

All dimensions are nominal

## Geometry Information

### Fylo 24mm

**Applicable article numbers**

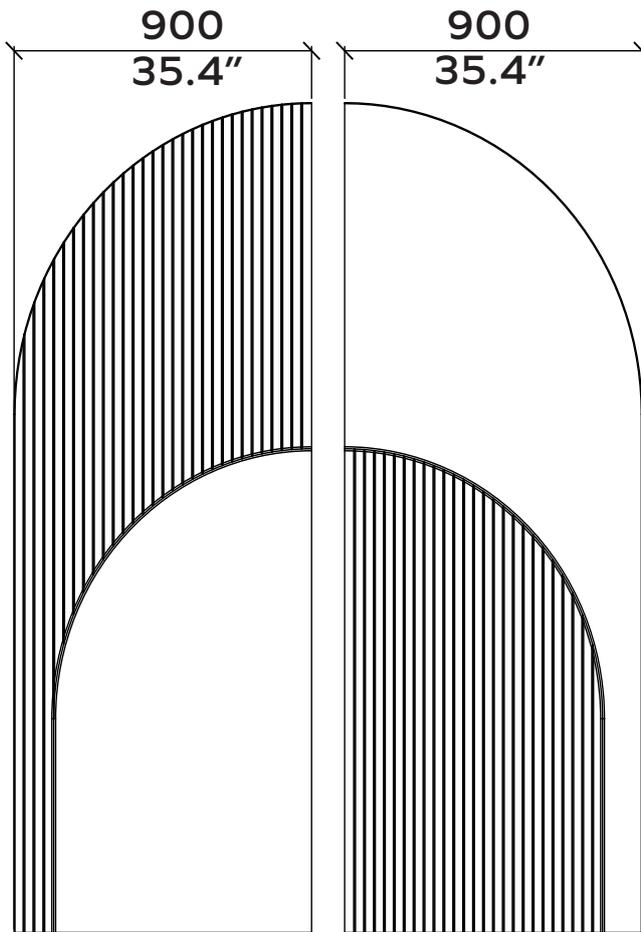
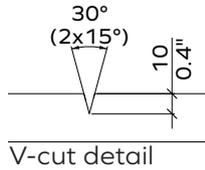
732.24.23.000.00 and .10

**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**

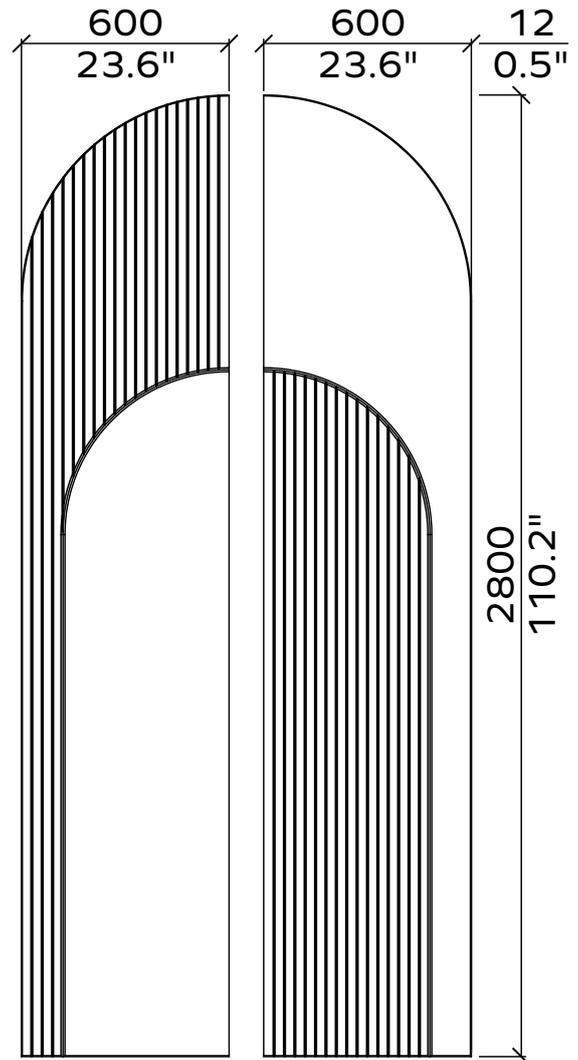
732.12.23.000.00 and .10

**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

# COTTAGE

Custom solutions available

## 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.

### Cottage 12mm

#### Applicable article numbers

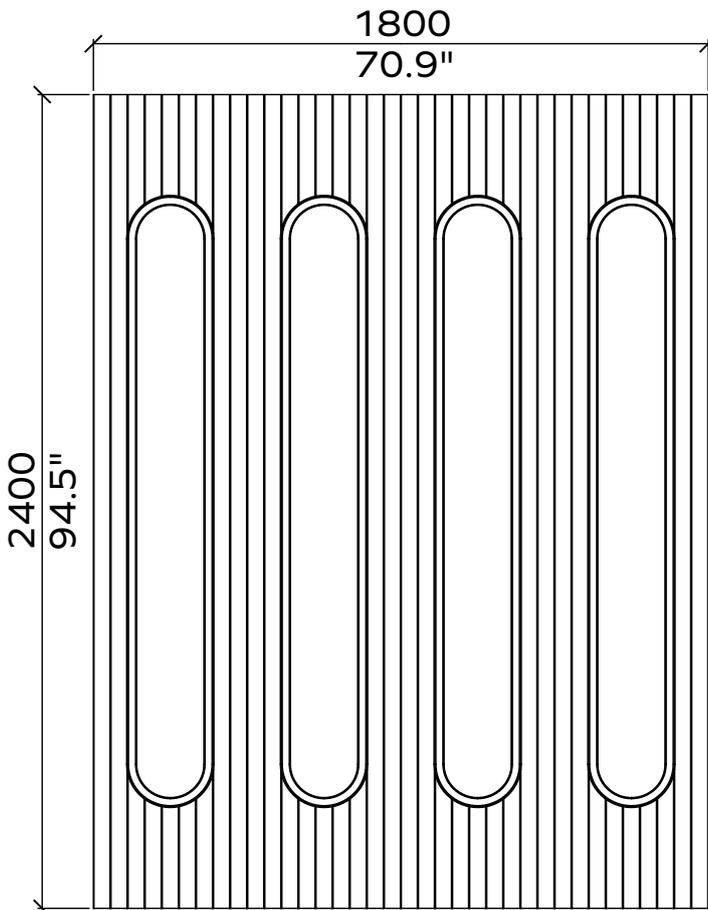
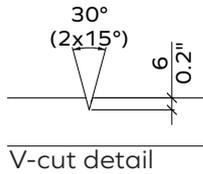
732.12.24.000.00 and .10

#### Scope of delivery

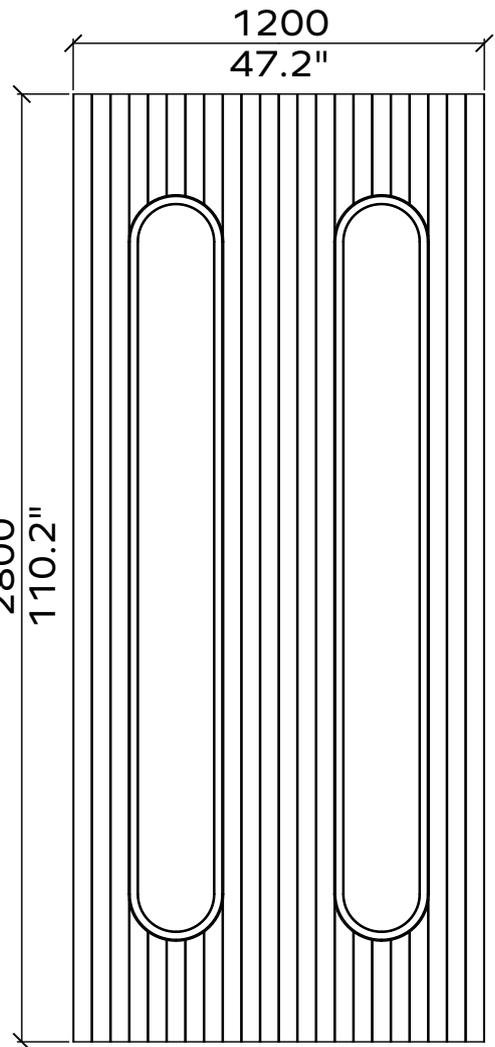
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

#### Installation

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



1x



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.

### Fon 12mm

**Applicable article numbers**

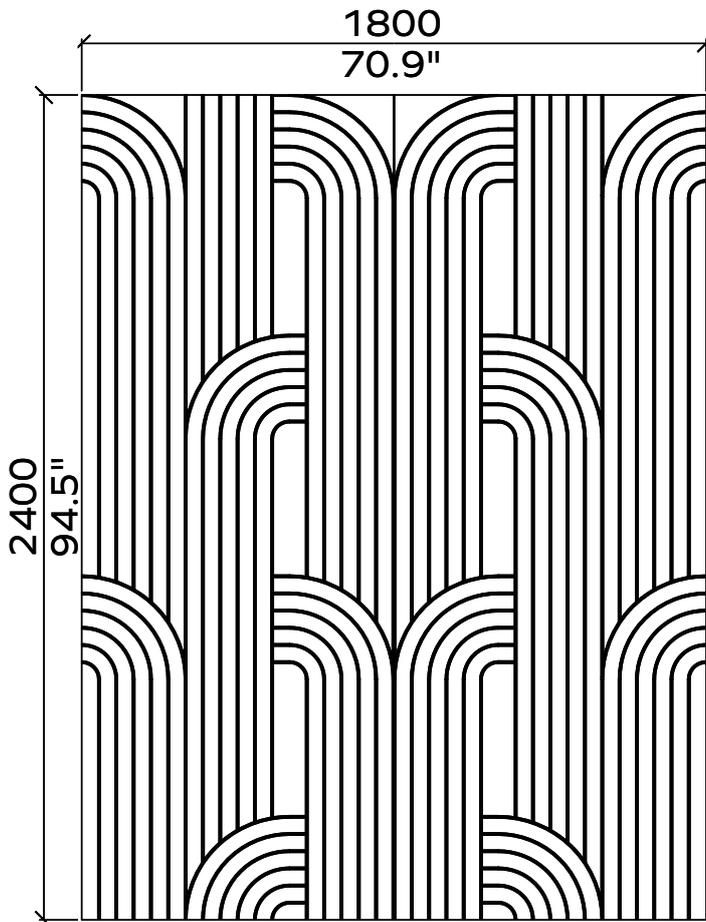
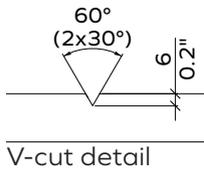
732.12.25.000.00 and .10

**Scope of delivery**

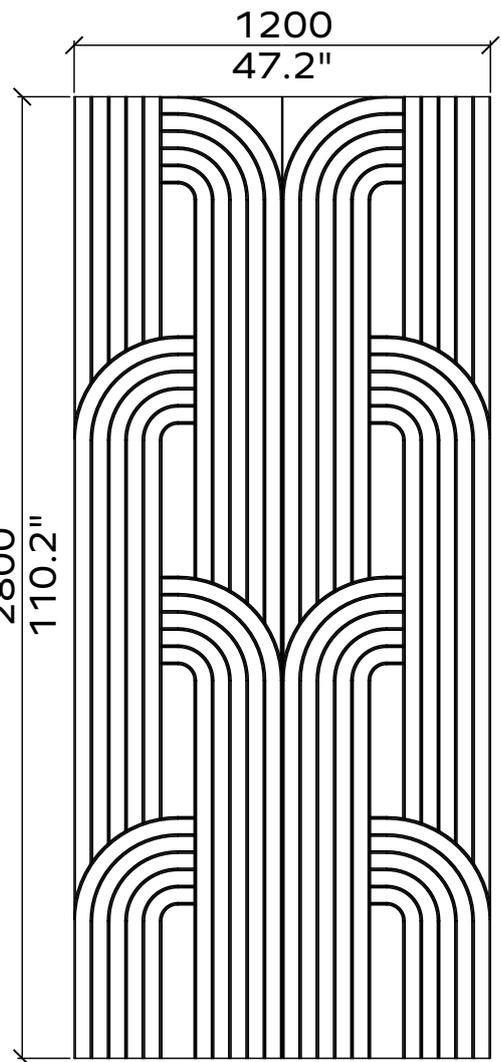
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



1x



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.

### Pass 12mm

**Applicable article numbers**

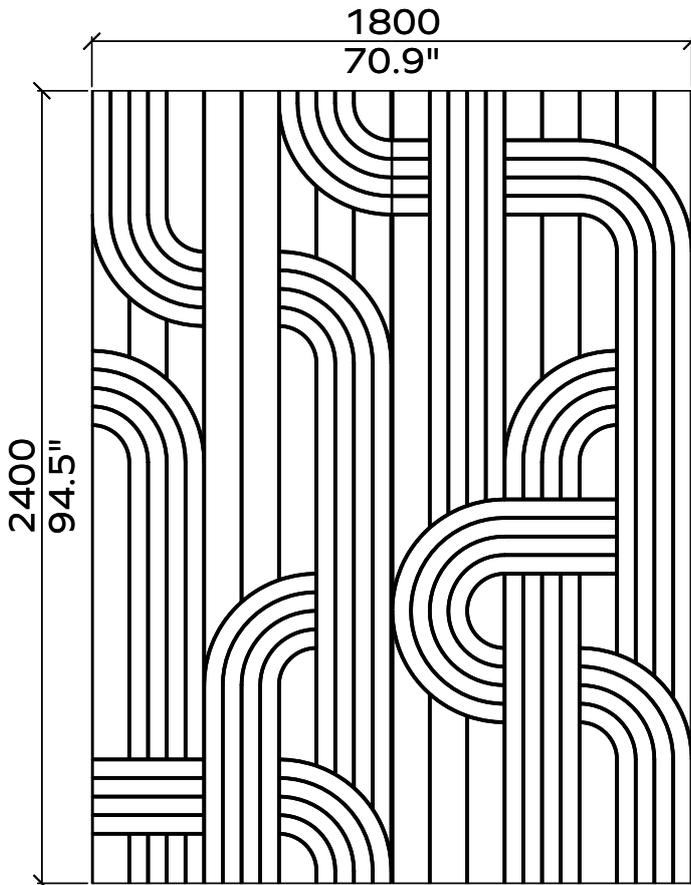
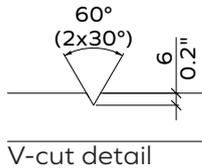
732.12.26.000.00 and .10

**Scope of delivery**

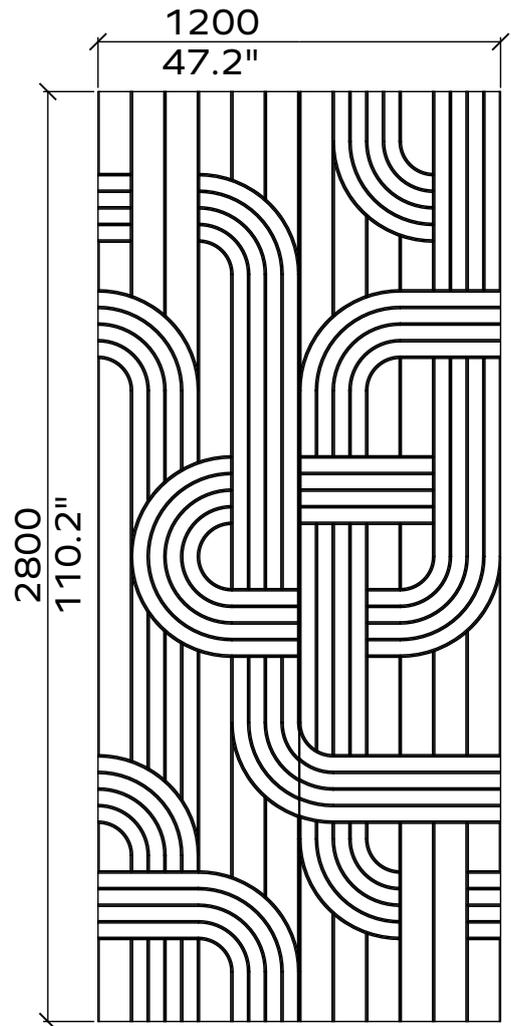
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



1x



1x

All dimensions are nominal

## Geometry Information

### Bau 24mm

**Applicable article numbers**

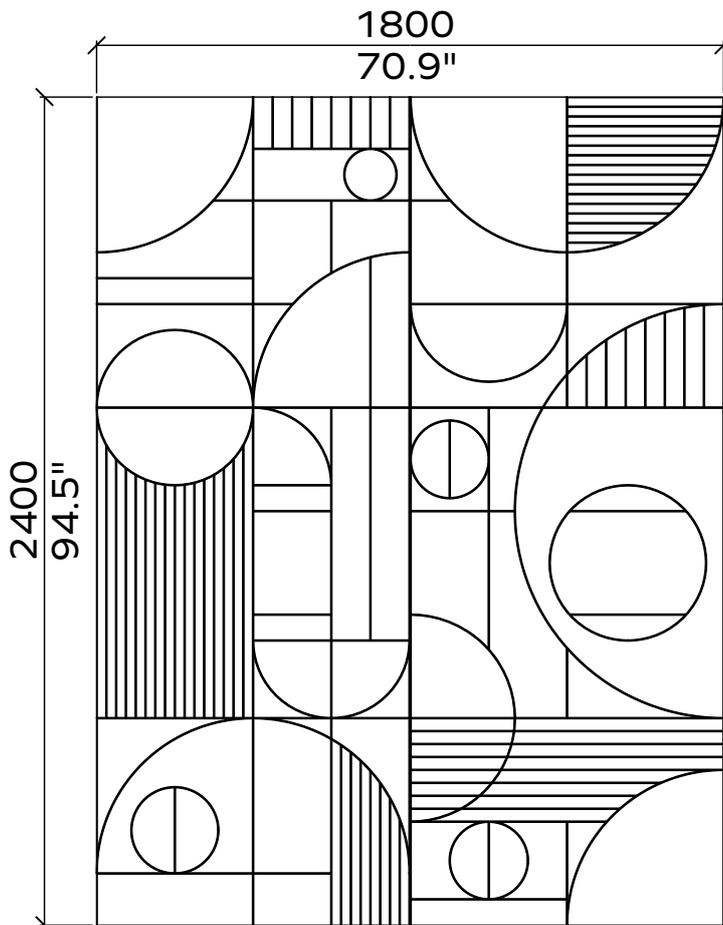
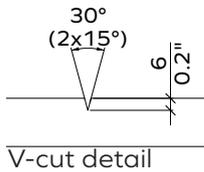
732.24.27.000.00 and .10

**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.



1x

### Bau 12mm

**Applicable article numbers**

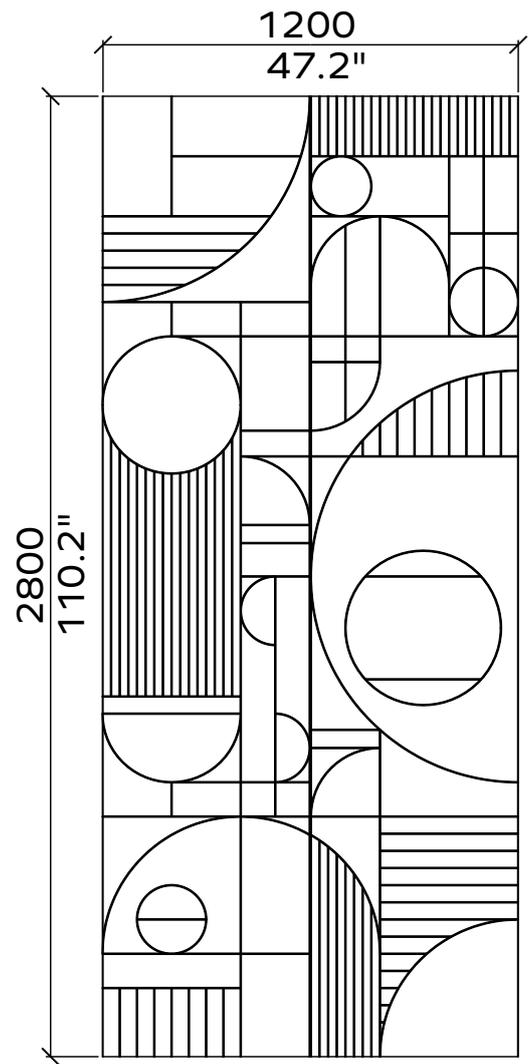
732.12.27.000.00 and .10

**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.



1x

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**

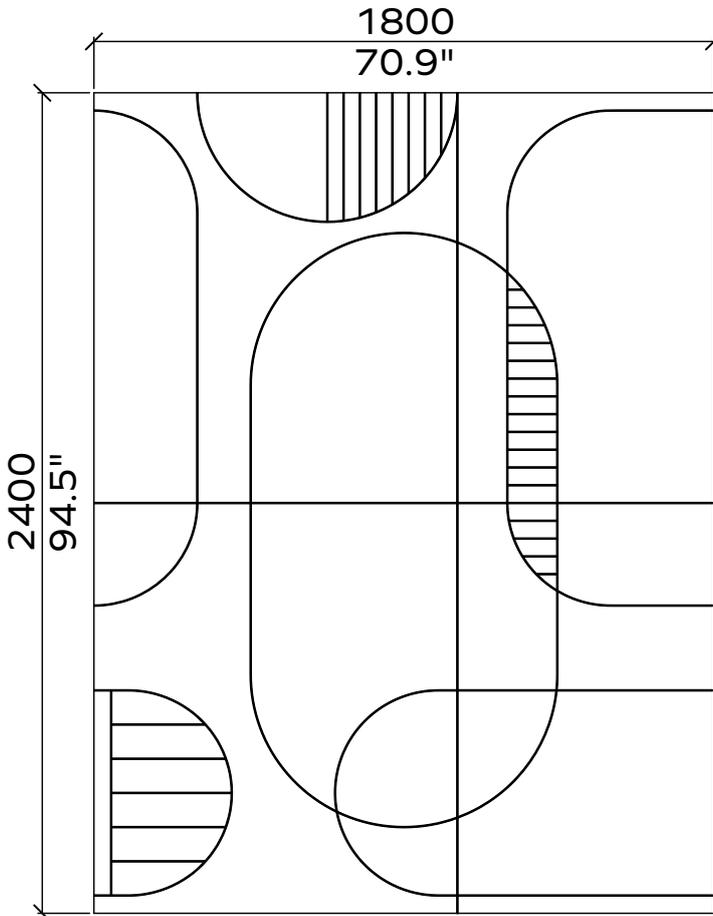
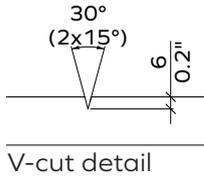
732.12.28.000.00 and .10

**Scope of delivery**

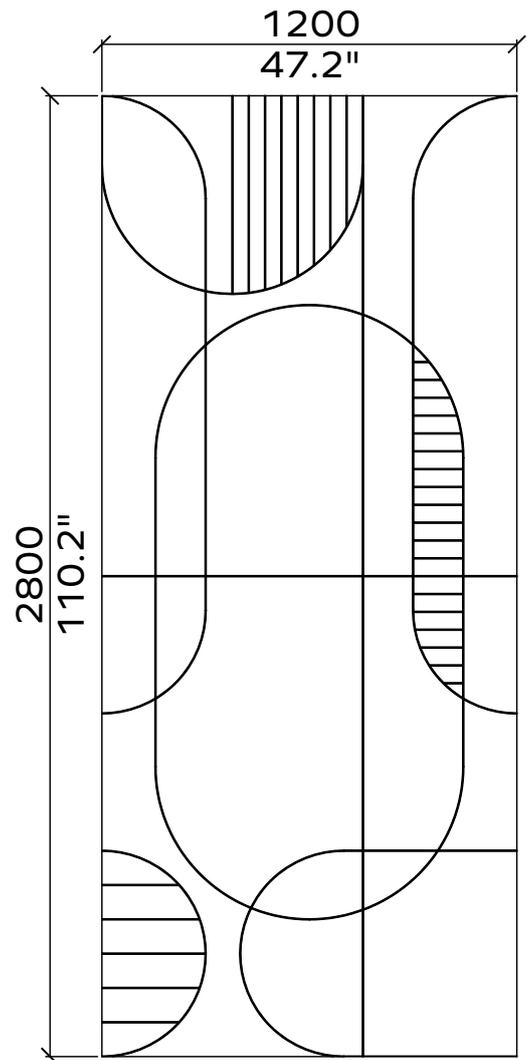
For each 12mm item you will receive a set of 1x PET panels (in the dimensions below)

**Installation**

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



1x



1x

All dimensions are nominal

## Geometry Information

### Tapis 24mm

**Applicable article numbers**

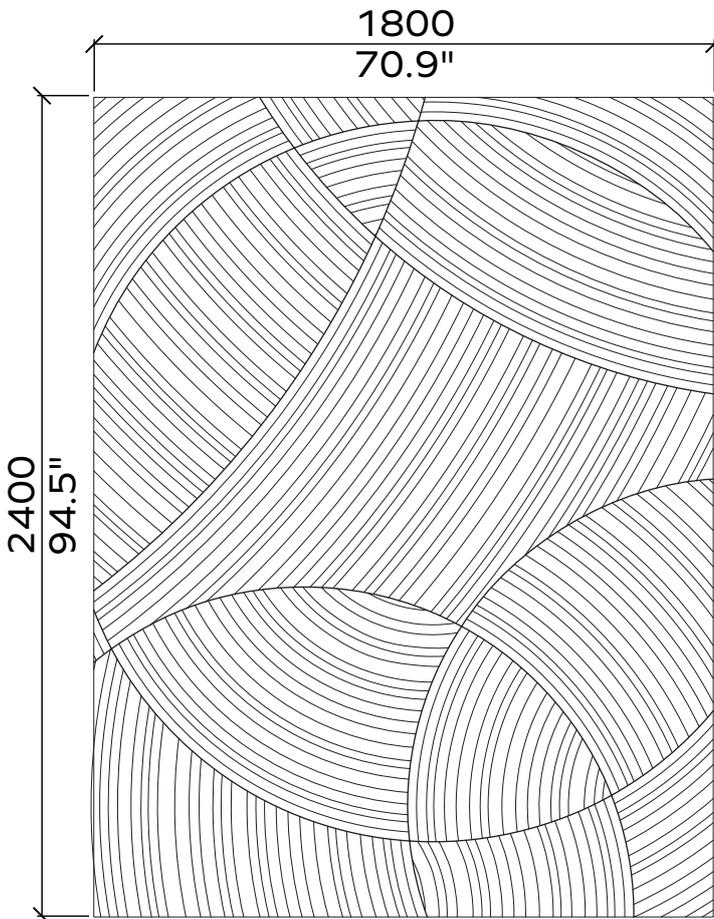
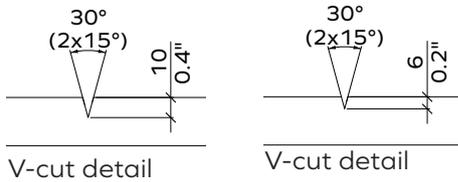
732.24.29.000.00 and .10

**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**

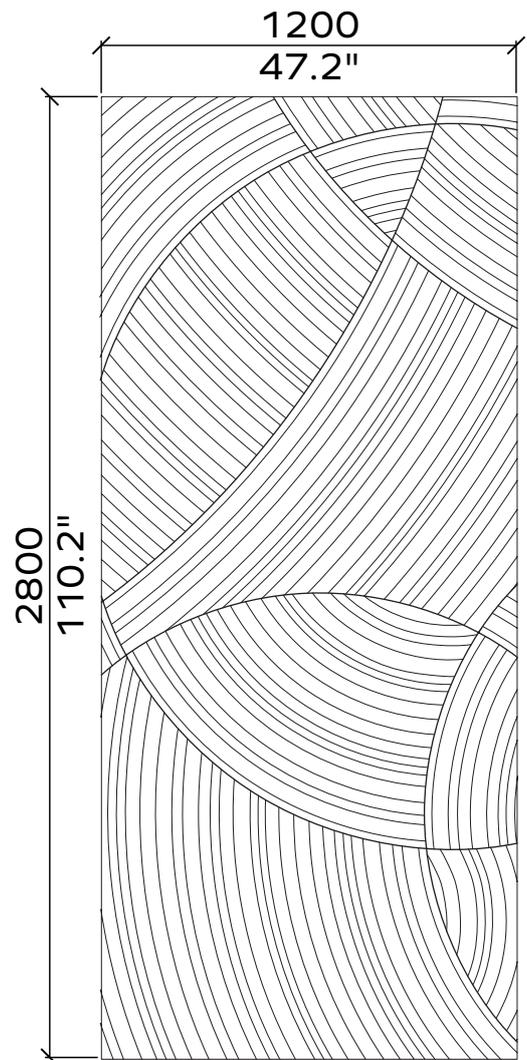
732.12.29.000.00 and .10

**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.

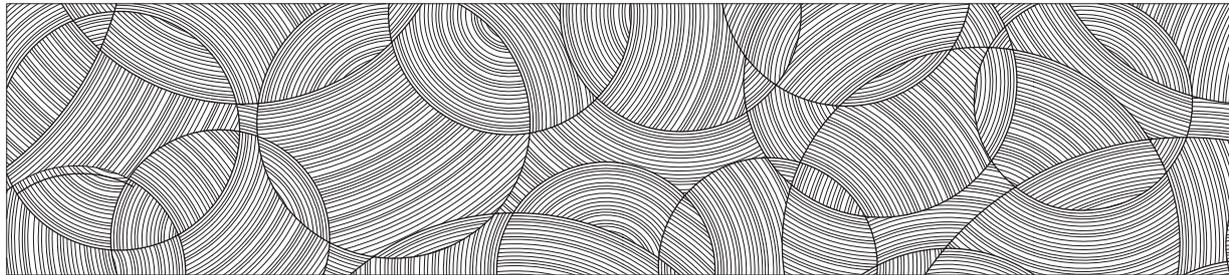
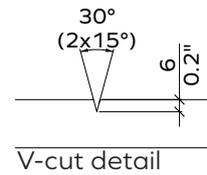
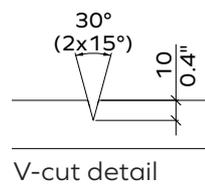


**1x**

All dimensions are nominal

# TAPIS

## Patterns 24mm



01

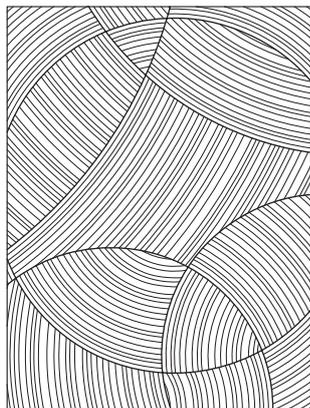
02

03

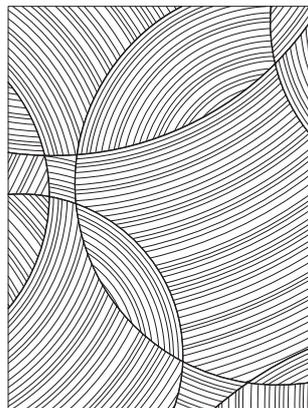
04

05

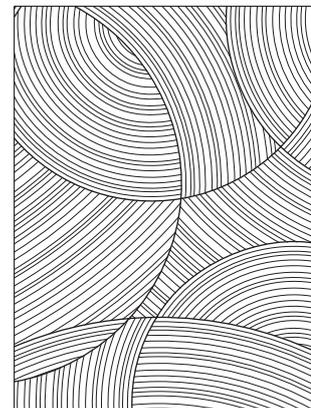
06



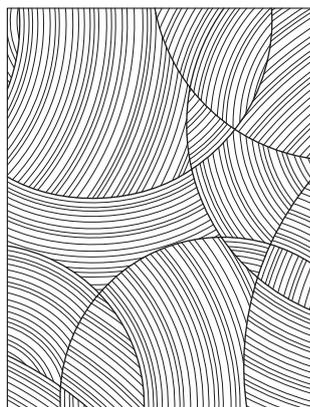
01



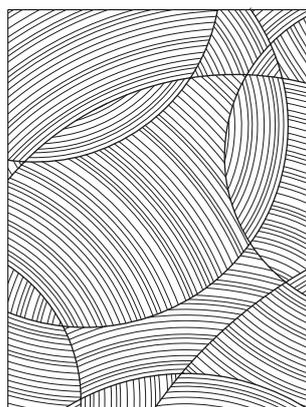
02



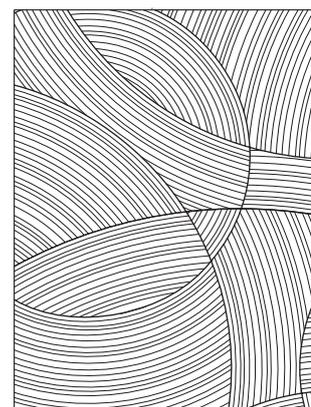
03



04



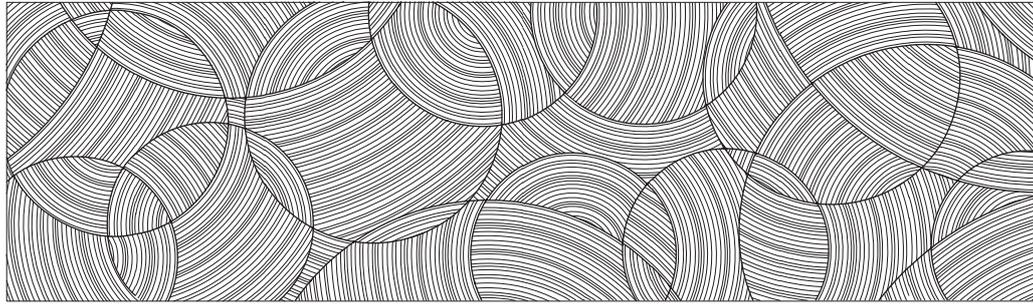
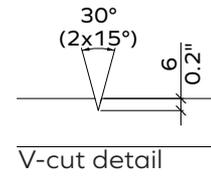
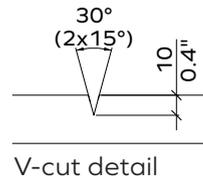
05



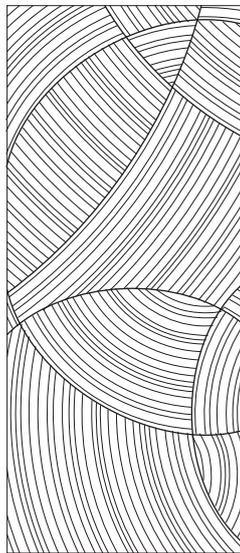
06

# TAPIS

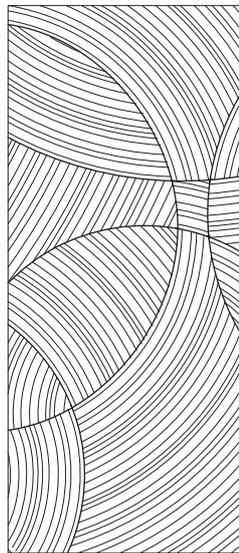
## Patterns 12mm



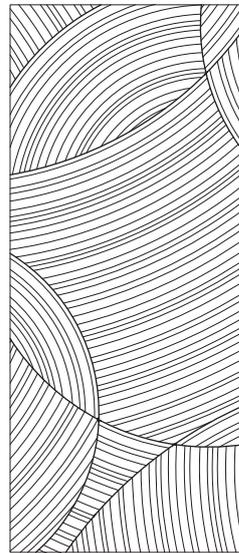
01 02 03 04 05 06 07 08



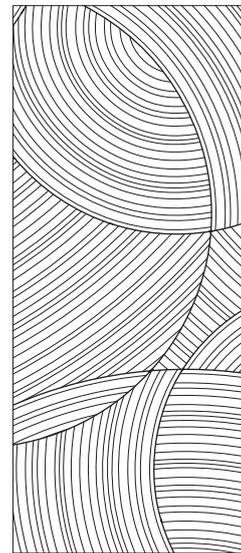
01



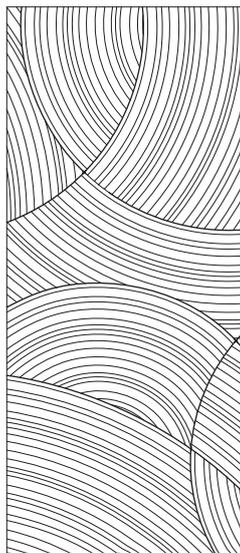
02



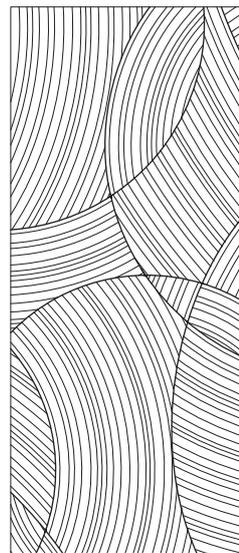
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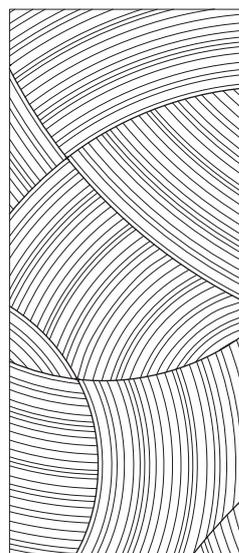
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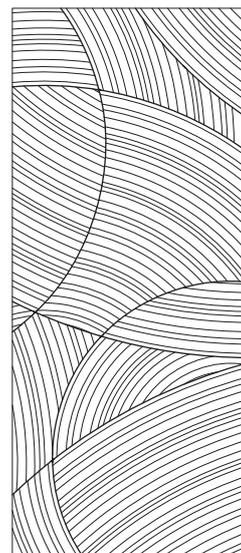
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06



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08

# STREAM



## Geometry Information

### Stream 24mm

#### Applicable article numbers

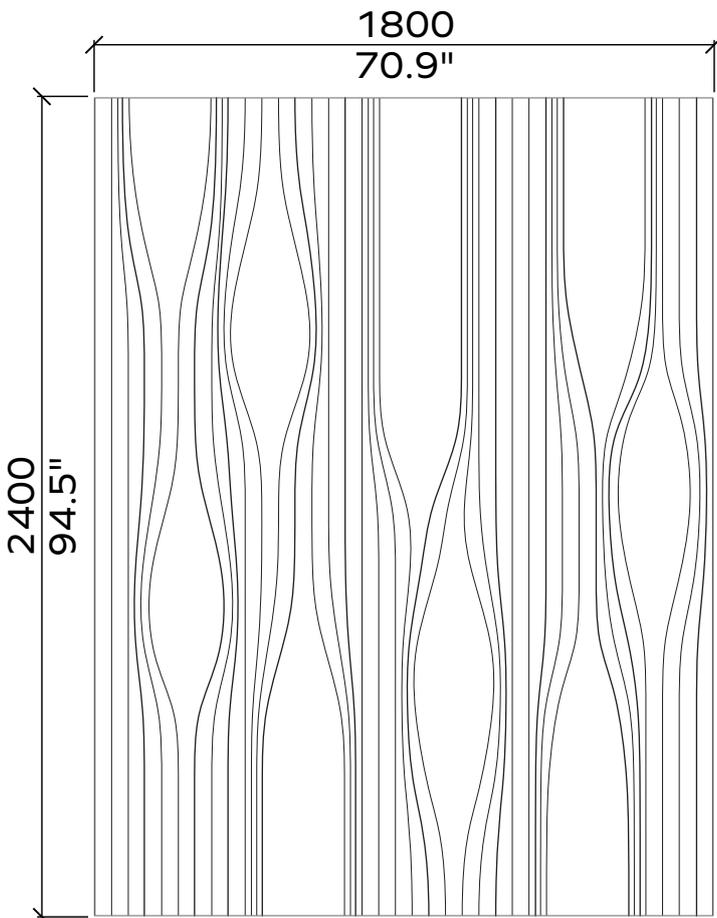
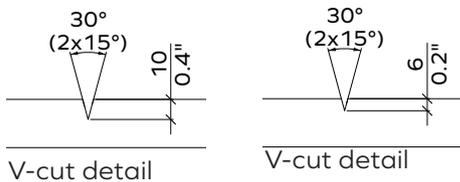
732.24.30.000.00 and .10

#### 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

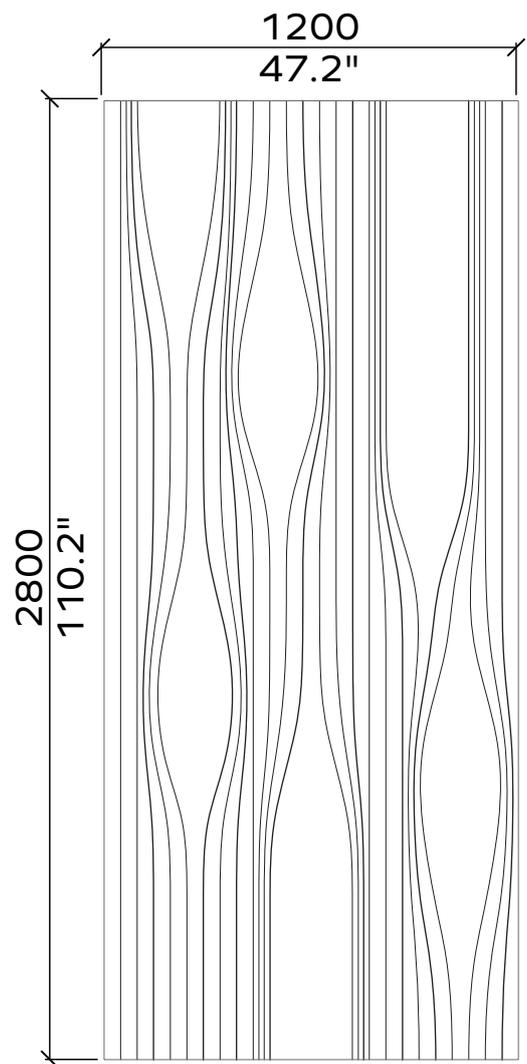
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#### Scope of delivery

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.

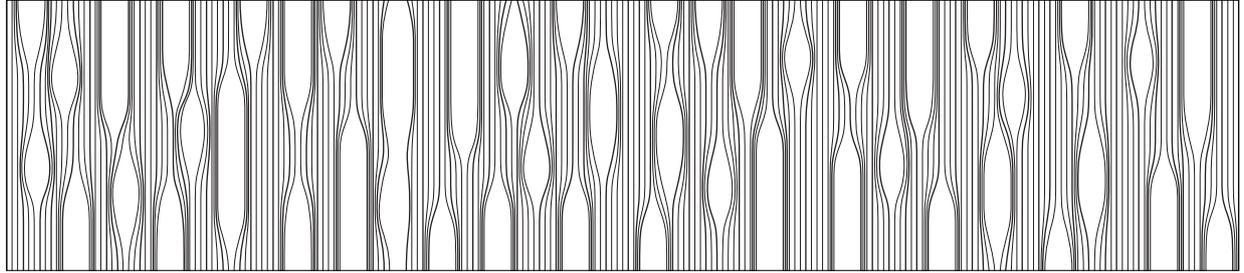
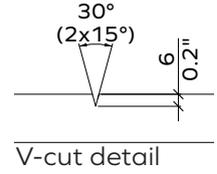
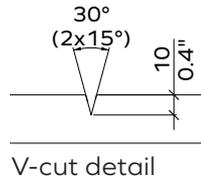


1x

All dimensions are nominal

# STREAM

## Patterns 24mm



01

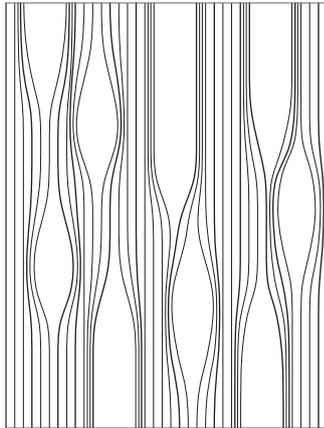
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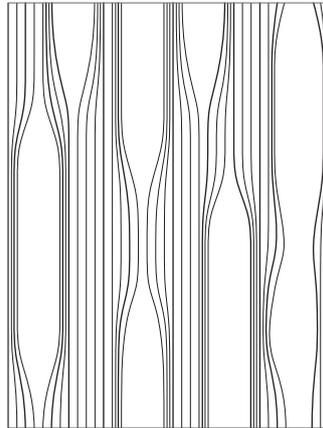
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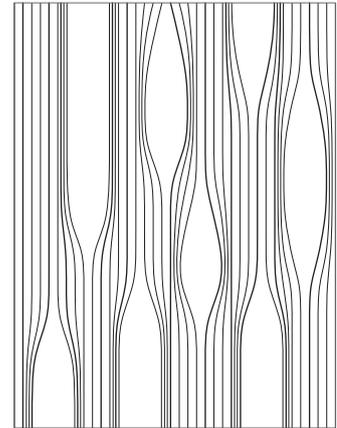
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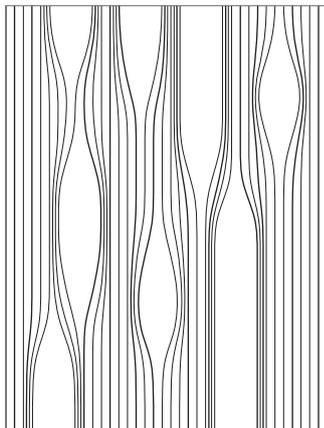
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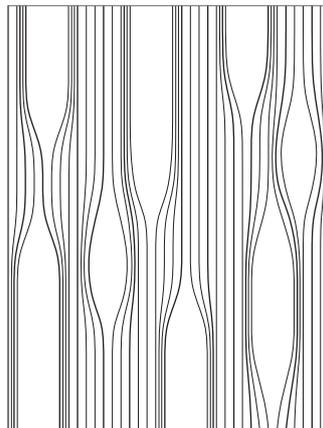
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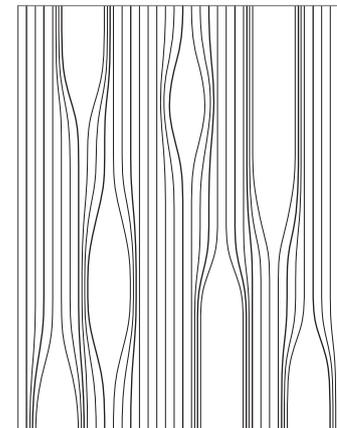
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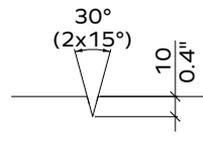
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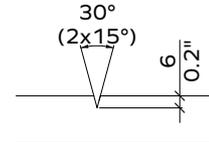
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# STREAM

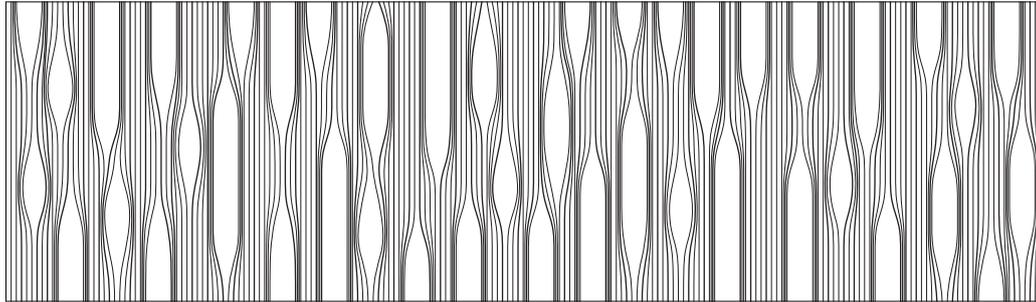
## Patterns 12mm



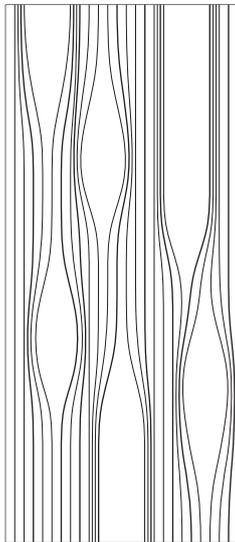
V-cut detail



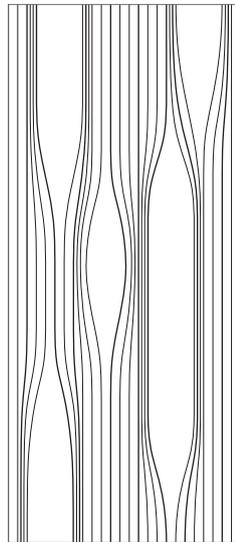
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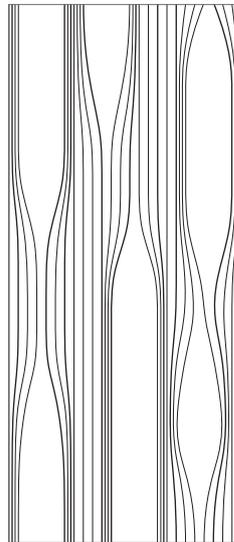
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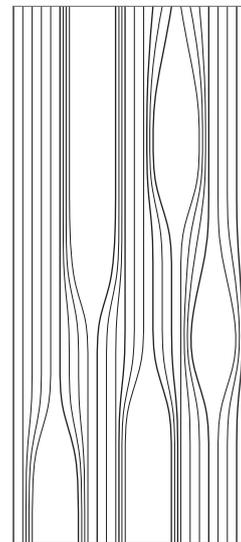
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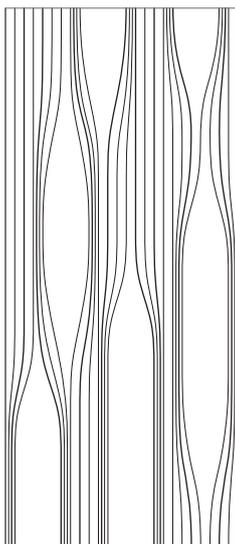
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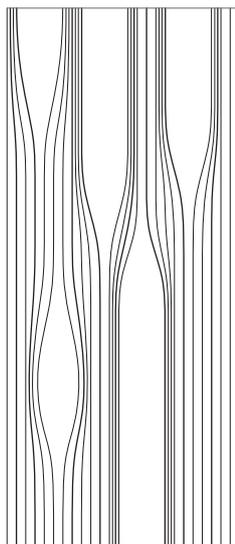
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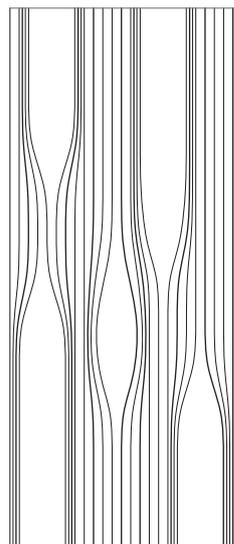
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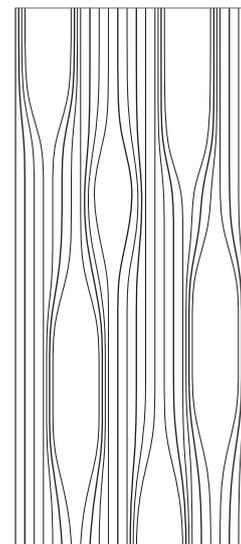
05



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08

# ARCHISONIC®

## Colours

 Material brochure available

									
<b>Name</b>	Snow White	Cloud	Smoke	Slate	Charcoal	Raven	Ground	Gull	Milk
<b>Code</b>	500	103	442	444	542	550	108	144	404
<b>NCS</b>	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

									
<b>Name</b>	Linen	Dune	Jute	Fallow	Warm Stone	Truffle	Sunshine	Honeycomb	Electric Orange
<b>Code</b>	107	104	920	238	105	539	846	139	464
<b>NCS</b>	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

									
<b>Name</b>	Terracotta	Soft Coral	Cinnabar	Shell Pink	Garnet	Poster Red	Hot Pink	Grape	Marine Blue
<b>Code</b>	239	516	725	102	724	662	140	540	864
<b>NCS</b>	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

									
<b>Name</b>	Midnight	Royal Blue	Winter Sky	Deep Sea	Nocturne	True Navy	Ice Blue	Pacific Ocean	Lagoon
<b>Code</b>	810	865	410	918	866	194	304	432	917
<b>NCS</b>	S 7020-R70B	S 3560-R80B	S 2020-R90B	S 5020-R90B	S 8010-R90B	S 8005-B	S 0510-B	S 3040-B	S 7020-B30G

									
<b>Name</b>	Succulent	Spearmint	Seafoam	Nordic Pine	Moss	Grove	Pistachio	Lichen	Fern
<b>Code</b>	712	706	710	311	439	317	315	160	180
<b>NCS</b>	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.

## 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 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

<b>Product Name</b>	ARCHISONIC® Felt	
<b>Content</b>	100% PET (60% certified post-consumer content)	
<b>Thickness<sup>1</sup></b>	12mm (0.47")	24mm (0.94")
<b>Max. Size</b>	1200x2800mm (47"x110")	1800x2400mm (70"x94")
<b>Acoustic<sup>2</sup></b>	<b>ASTM:</b> NRC=0.6 <b>ISO:</b> $\alpha_w$ =0.65	<b>ASTM:</b> NRC=0.9 <b>ISO:</b> $\alpha_w$ =0.95
<b>Density<sup>1</sup></b>	2400 g/m <sup>2</sup> (0.49 lbs/ sqft)	4000 g/m <sup>2</sup> (0.82 lbs/sqft)
<b>Colour Fastness</b>	<b>Class 6</b> ISO 105-B02:A1	
<b>Colour</b>	<b>45 colours</b> (see ARCHISONIC® Felt Colour page for more information)	
<b>Maintenance</b>	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.	
<b>Production Lead time<sup>3</sup></b>	21 days	
<b>Fire Rating</b>	DIN EN 13501-1: <b>B-s1, d0</b>	ASTM E84 <b>Class A</b>
<b>VOC Emission</b>	28 Days French Regulation <b>A+</b> ASTM E84 <b>Pass</b> Bream® (International, UK, NL, SE, NOR) <b>Exemplary</b> CDPH (CDPH/EHLB/Standard Method V1.2) <b>Pass</b>	
<b>Certifications</b>	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	
<b>Durability</b>	Contract	

1 - all values are nominal    2 - measured with 300mm air cavity    3 - depending on the location and type of product



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



**Declare.**



# Wall Panels

## Acoustic Performance



### Testing Standards

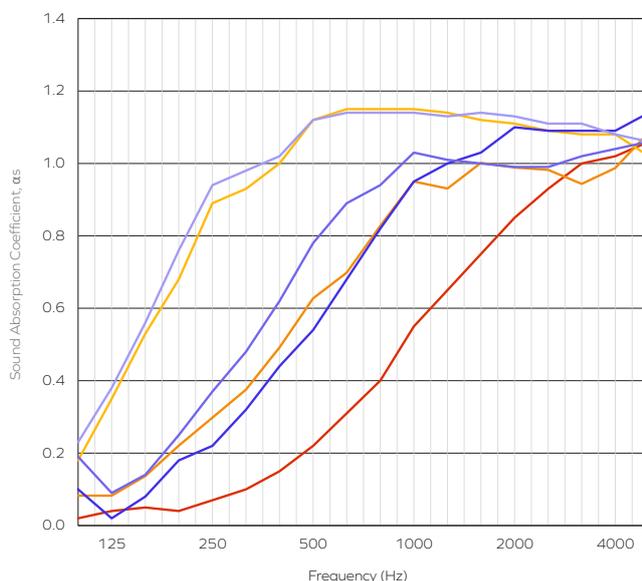
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound 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	$\alpha_w$	SAA	NRC
Archisonic 12mm (no air cavity)	0.3 (MH)	0.42	0.45
Archisonic 12mm (50mm air cavity)	0.5 (MH)	0.70	0.70
Archisonic 12mm (50mm insulation)	1.00	1.00	0.95
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)	$\alpha_p$	0.05	0.05	0.25	0.55	0.85	1.00
Archisonic 12mm (50mm air cavity)	$\alpha_p$	0.10	0.30	0.60	0.90	1.00	1.00
Archisonic 12mm (50mm insulation)	$\alpha_p$	0.35	0.85	1.00	1.00	1.00	1.00
Archisonic 24mm (no air cavity)	$\alpha_p$	0.05	0.25	0.55	0.90	1.00	1.00
Archisonic 24mm (50mm air cavity)	$\alpha_p$	0.15	0.35	0.75	1.00	1.00	1.00
Archisonic 24mm (50mm insulation)	$\alpha_p$	0.40	0.90	1.00	1.00	1.00	1.00



- Archisonic 12mm (no air cavity)
- Archisonic 12mm (50mm air cavity)
- Archisonic 12mm (50mm insulation)
- Archisonic 24mm (no air cavity)
- Archisonic 24mm (50mm air cavity)
- Archisonic 24mm (50mm insulation)

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

# 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 days<sup>1</sup> from your first point of contact, allowing you to focus on what truly matters to you.



Contact our  
consultant

Quote<sup>1</sup>

48 h



Order Confirmation

Production<sup>1</sup>

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 question.



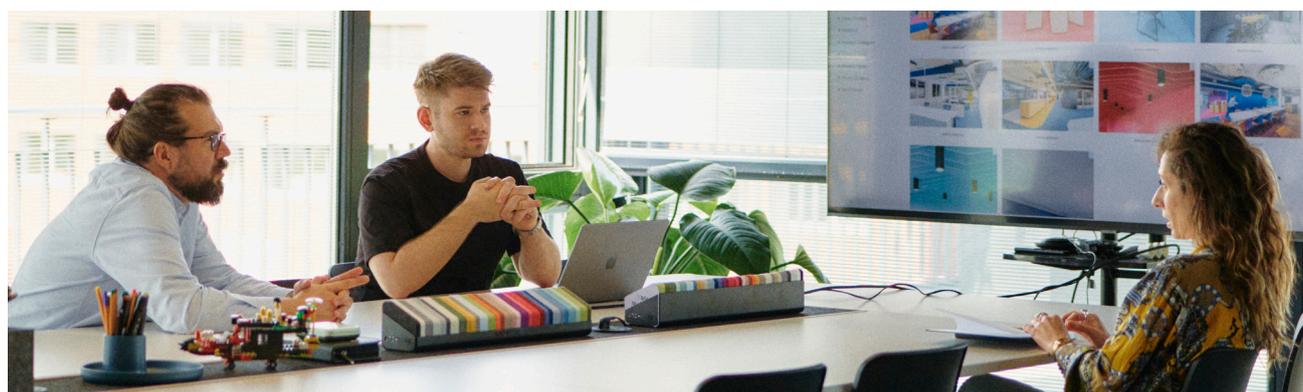
+41 41 244 14 00



connect@impactacoustic.com



Online form



<sup>1</sup> - Quote and Production times may vary.

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