

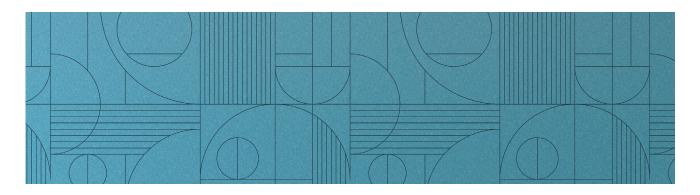


# Wall Panels Ready-made

731.24.10-20.000.00 731.12.10-20.000.00

732.24.11-28.000.00-05 732.12.11-28.000.00-08

# General Information



# **Data**

### Applicable article numbers

731.24.10-20.000.00 732.24.11-28.000.00-05 731.12.10-20.000.00 732.12.11-28.000.00-08

Total Dimensions <sup>3</sup>	24mm / 12 mm	0.9" / 0.5'
Height	2400mm / 2800mm	95" / 110"
Weight	1800mm / 1200mm	71" / 47"



### **Material**

Wall Covering 100% PET (60% post-consumer) in 32 colors

Glue Spray Glue



### Weight<sup>1</sup>

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 Spray glue Installation Warranty guide 2 years<sup>2</sup>









1 - all weights are nominal

2 - Impact Acoustic warranty terms apply

# 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:







Plans



Other Considerations

# 2

# Specify your Wall Covering:



Material Thickness



Quantity



Color

# **3** Article numbers

732	Material Thickness <sup>3</sup>	12	Color	00
732	24mm	12	Chanca calaur	00
/32	12mm	12	Choose colour	

Example: 732.24.12.662.00

Wall Covering - Kingscross, 2400 x 1800 x 24mm, 662 - Poster Red incl. spray glue

# Tabula



# Geometry Information

# Tabula 24mm

# Applicable articles numbers

731.24.10.000.00 731.24.11.000.00 731.24.11.000.00

### Scope of delivery

For each 24mm item you will receive a set PET panels (in the dimensions below), 1x spray adhesive can per set.

### **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Tabula 12mm

# **Applicable articles numbers**

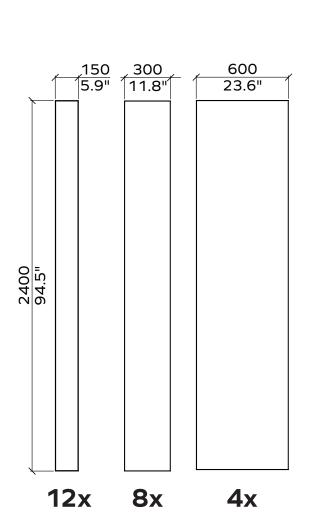
731.12.10.000.00 731.12.11.000.00 731.12.12.000.00

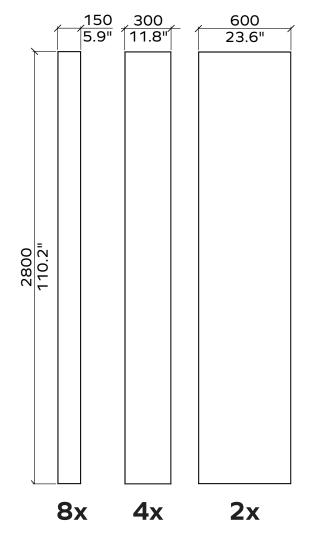
# Scope of delivery

For each 12mm item you will receive a set of PET panels (in the dimensions below), 1x spray adhesive can per set.

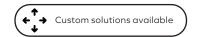
### **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# **Fishbone**



# Geometry Information

# Fishbone 24mm

# Applicable articles numbers

731.24.15/16.000.00 (RIGHT/ LEFT)

### Scope of delivery

For each 24mm item you will receive a set of Xx PET panels (in the dimensions below), 1x spray adhesive can per set.

### **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Fishbone 12mm

# **Applicable articles numbers**

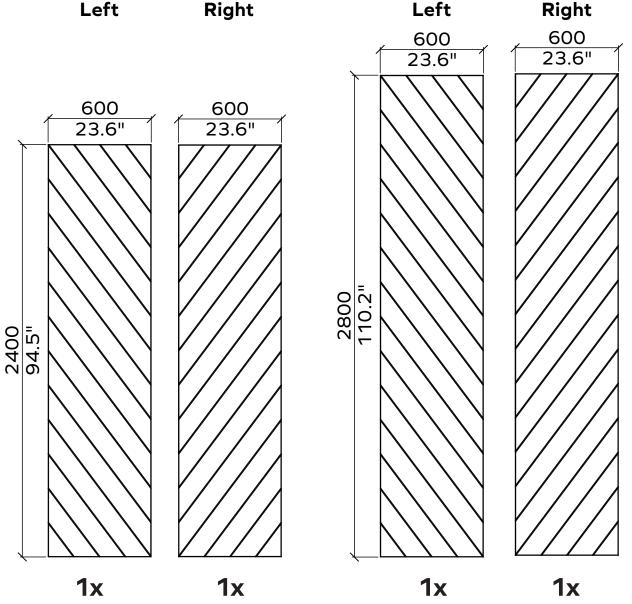
731.12.15/16.000.00 (RIGHT/ LEFT)

### Scope of delivery

For each 12mm item you will receive a set of Xx PET panels (in the dimensions below), 1x spray adhesive can per set.

### **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.



# Hexagon



# Geometry Information

# Hexagon 24mm

# **Applicable articles numbers**

731.24.20.000.00

### Scope of delivery

For each 24mm item you will receive a set of 65x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Hexagon 12mm

# **Applicable articles numbers**

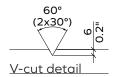
731.12.20.000.00

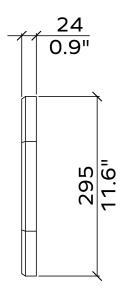
### Scope of delivery

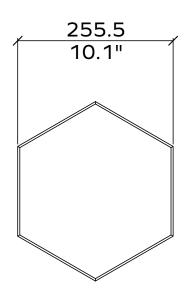
For each 12mm item you will receive a set of 48x PET panels (in the dimensions below), 1x spray adhesive can per set.

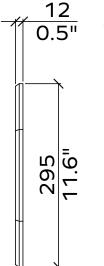
# **Applicable articles numbers**

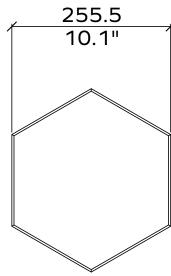
These panels are mounted with a contact spray adhesive. Instructions are available online.











65x

48x



# Flow



# Geometry Information

# Flow 24mm

# Applicable articles numbers

732.24.11.000.00

### Scope of delivery

For each 24mm item you will receive a set of 3x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Flow 12mm

# **Applicable articles numbers**

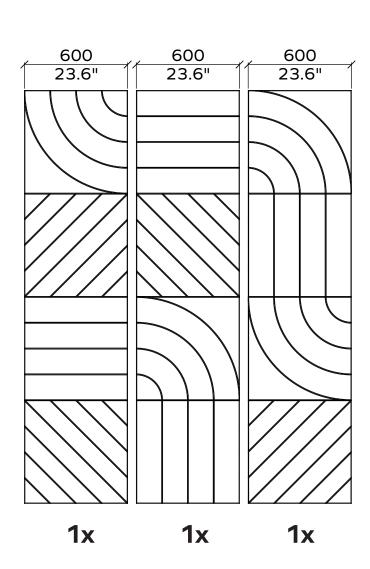
732.12.11.000.00

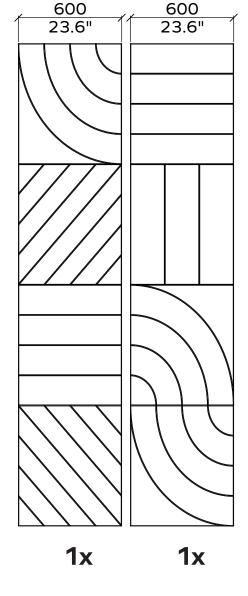
### Scope of delivery

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Kingscross

# Custom solutions available

# **Geometry Information**

# Kingscross 24mm

# Applicable articles numbers

732.24.12.000.00

### Scope of delivery

For each 24mm item you will receive a set of 3x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Kingscross 12mm

# **Applicable articles numbers**

732.12.12.000.00

### Scope of delivery

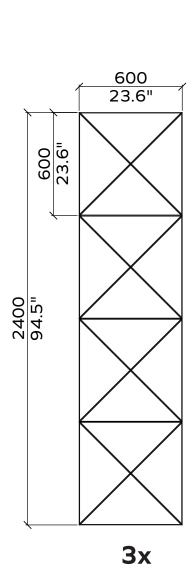
60°

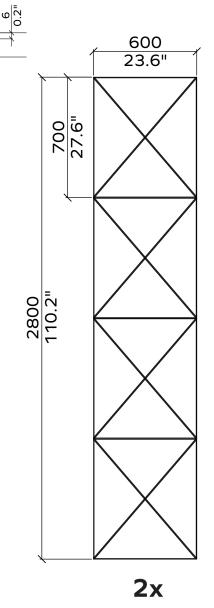
V-cut detail

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Vertigo

# Custom solutions available

# Geometry Information

# Vertigo 24mm

# Applicable articles numbers

732.24.13.000.00

### Scope of delivery

For each 24mm item you will receive a set of 3x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Vertigo 12mm

# **Applicable articles numbers**

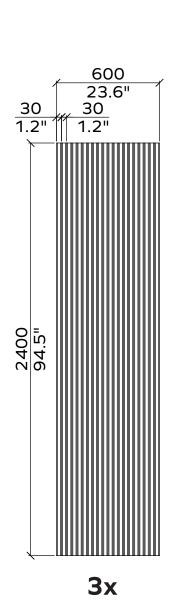
732.12.13.000.00

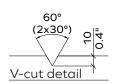
### Scope of delivery

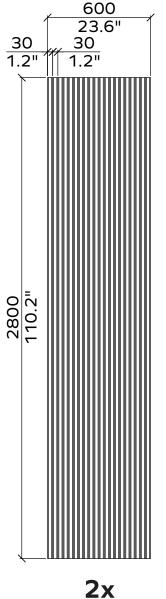
For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.







# **Vertigo Fine**

# Custom solutions available

# **Geometry Information**

# **Vertigo Fine 24mm**

# **Applicable articles numbers**

732.24.13.000.30

### Scope of delivery

For each 24mm item you will receive a set of 3x PET panels (in the dimensions below), 1x spray adhesive can per set.

### **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# **Vertigo Fine 12mm**

# **Applicable articles numbers**

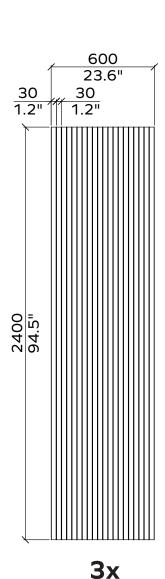
732.12.13.000.30

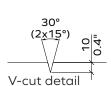
# Scope of delivery

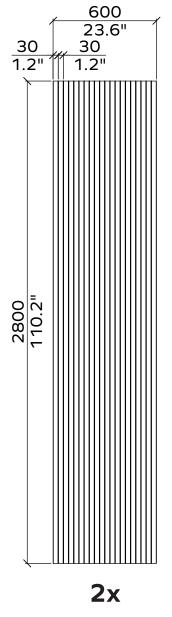
For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

### **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.







# Vertigo Irregular



600

# Geometry Information

# Vertigo Irregular 24mm

# **Applicable articles numbers**

732.24.15.000.00

### Scope of delivery

For each 24mm item you will receive a set of 3x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Vertigo Irregular 12mm

# **Applicable articles numbers**

732.12.15.000.00

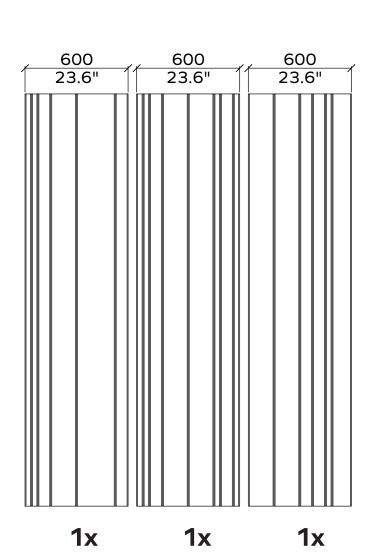
### Scope of delivery

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

600



1x 1x

# Prisma



# **Geometry Information**

# Prisma 24mm

# Applicable articles numbers

732.24.16.000.00

### Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Prisma 12mm

# **Applicable articles numbers**

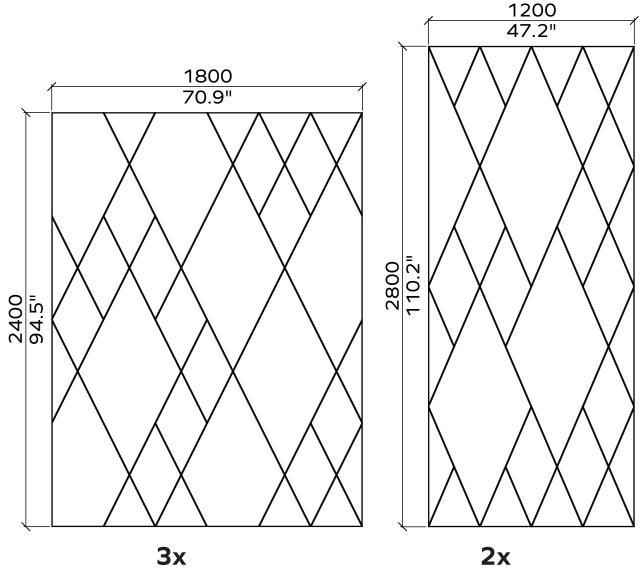
732.12.16.000.00

### Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.



# **Facet**

# Custom solutions available

# Geometry Information

# Facet 24mm

# Applicable articles numbers

732.24.17.000.00

# Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Facet 12mm

# **Applicable articles numbers**

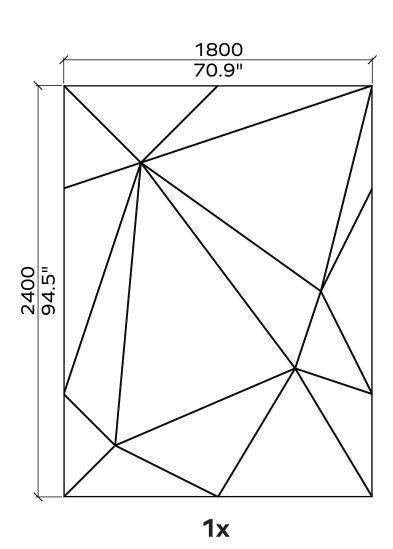
732.12.17.000.00

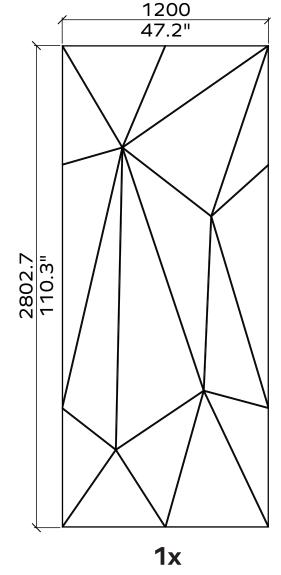
### Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# Applicable articles numbers

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Maze

# Custom solutions available

# Geometry Information

# Maze 24mm

# **Applicable articles numbers**

732.24.18.000.00

### Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Maze 12mm

# **Applicable articles numbers**

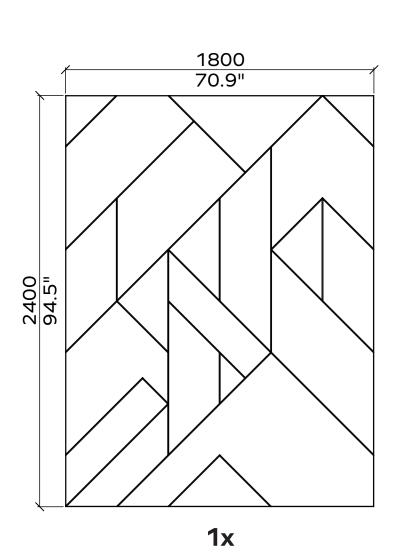
732.12.18.000.00

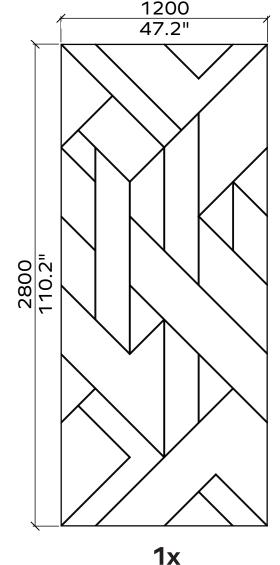
### Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# Applicable articles numbers

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Gatsby

# **Geometry Information**



# **Gatsby 24mm**

# Applicable articles numbers

732.24.19.000.00

### Scope of delivery

For each 24mm item you will receive a set of 3x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Gatsby 12mm

# **Applicable articles numbers**

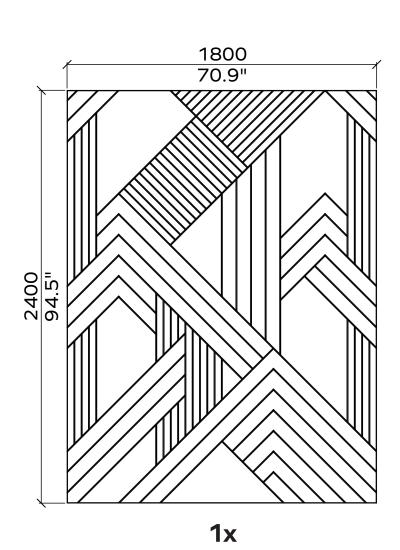
732.12.19.000.00

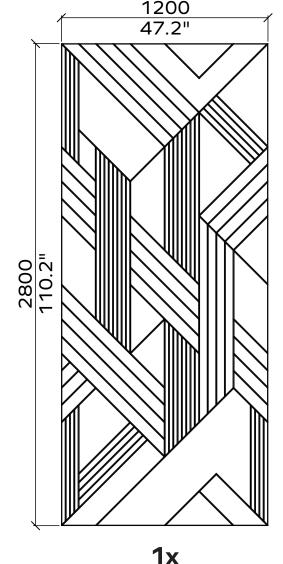
### Scope of delivery

For each 12mm item you will receive a set of 3x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Contour

# Custom solutions available

# Geometry Information

# Contour 24mm

# **Applicable articles numbers**

732.24.20.000.00

### Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Contour 12mm

# **Applicable articles numbers**

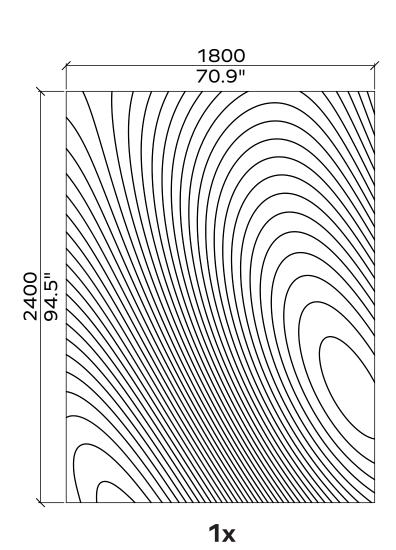
732.12.20.000.00

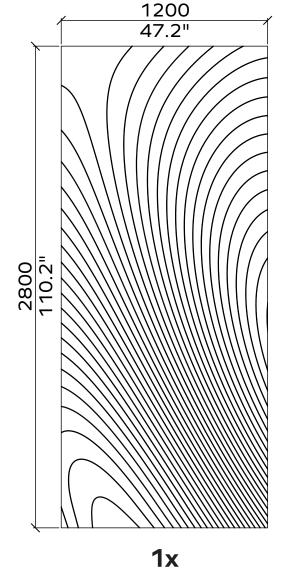
# Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

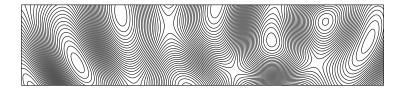


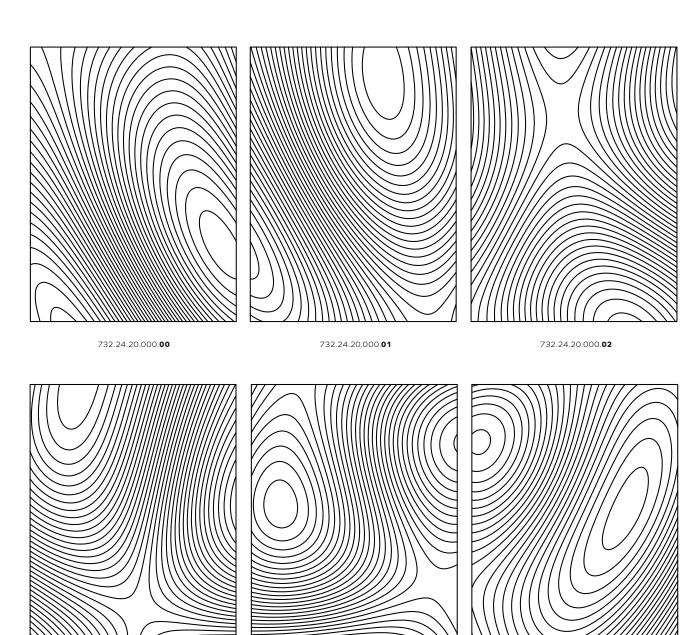




# Contour

# Patterns 24mm

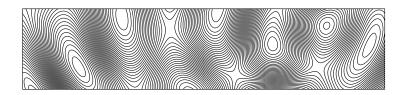


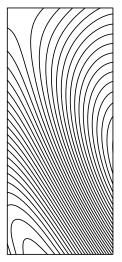


732.24.20.000.**03** 732.24.20.000.**04** 732.24.20.000.**05** 

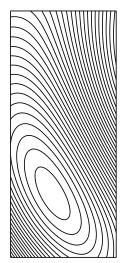
# Contour

# Patterns 12mm

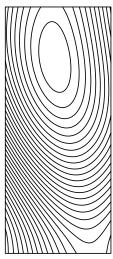




732.12.20.000.**00** 



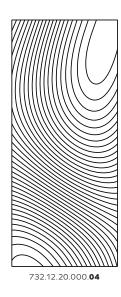
732.12.20.000.**01** 

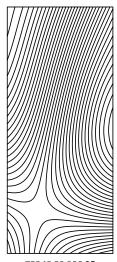


732.12.20.000.**02** 



732.12.20.000.**03** 

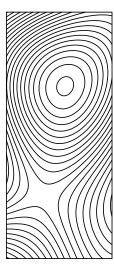




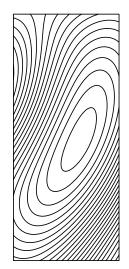
732.12.20.000.**05** 



732.12.20.000.**06** 



732.12.20.000.**07** 



732.12.20.000.08

# Loop



# Geometry Information

# Loop 24mm

# Applicable articles numbers

732.24.21.000.00

### Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Loop 12mm

# **Applicable articles numbers**

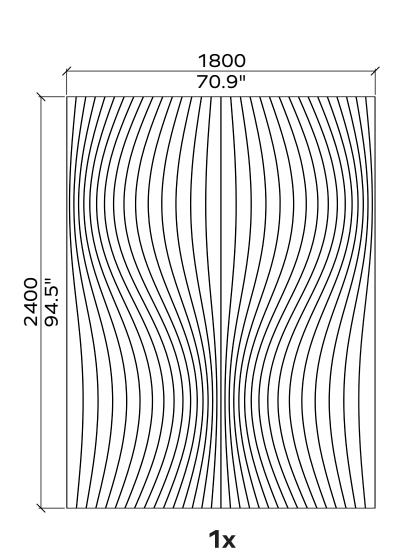
732.12.21.000.00

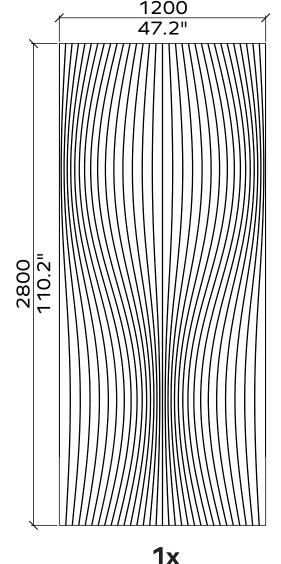
# Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Maya

# Geometry Information



# Maya 24mm

# Applicable articles numbers

732.24.22.000.00

### Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Maya 12mm

# **Applicable articles numbers**

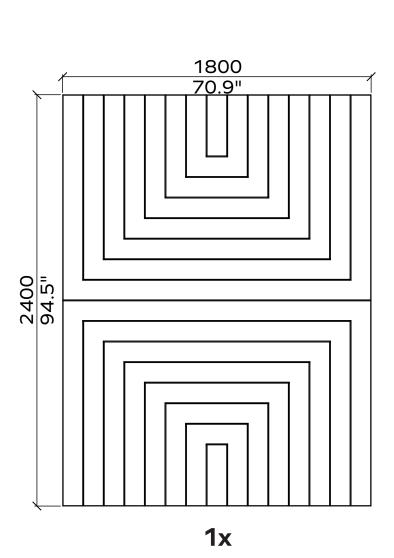
732.12.22.000.00

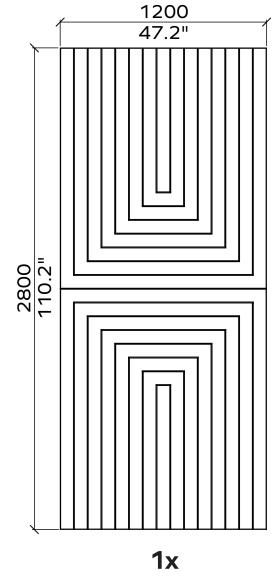
# Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Fylo

# Geometry Information



# Fylo 24mm

# Applicable articles numbers

732.24.23.000.00

### Scope of delivery

For each 24mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Fylo 12mm

# **Applicable articles numbers**

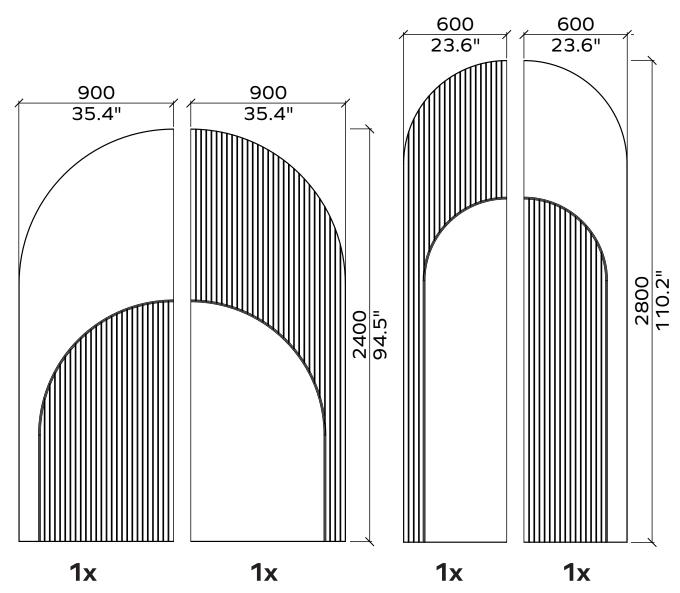
732.12.23.000.00

### Scope of delivery

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# Applicable articles numbers

These panels are mounted with a contact spray adhesive. Instructions are available online.



# Cottage

# Custom solutions available

# **Geometry Information**

# Cottage 24mm

# Applicable articles numbers

732.24.24.000.00

### Scope of delivery

For each 24mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Cottage 12mm

# **Applicable articles numbers**

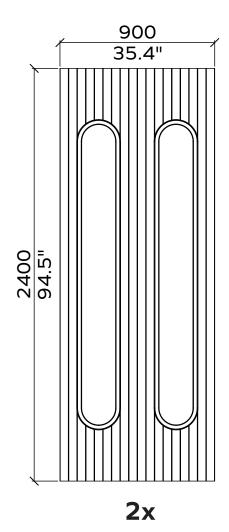
732.12.24.000.00

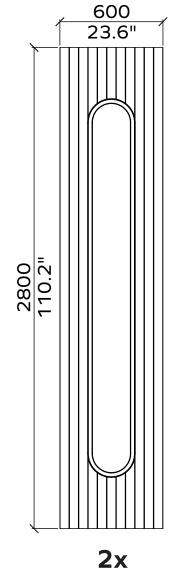
# Scope of delivery

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Fon



# Geometry Information

# Fon 24mm

# Applicable articles numbers

732.24.25.000.00

### Scope of delivery

For each 24mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Fon 12mm

# **Applicable articles numbers**

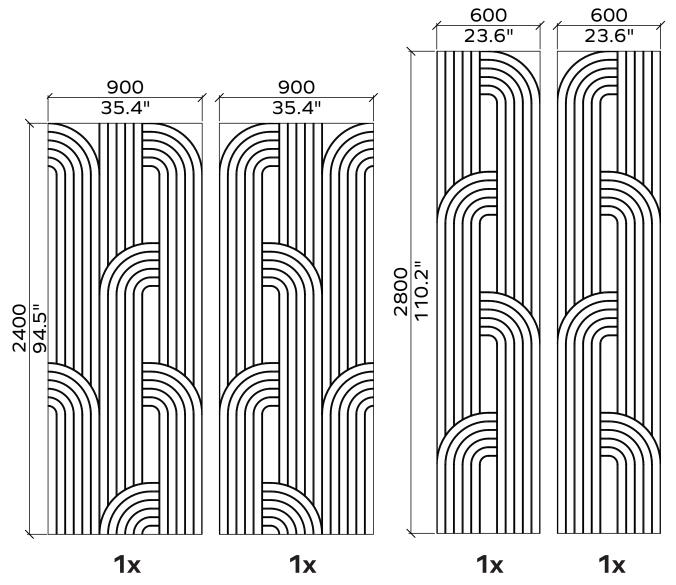
732.12.25.000.00

# Scope of delivery

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.





# Pass

# Custom solutions available

600

# Geometry Information

# Pass 24mm

# Applicable articles numbers

732.24.26.000.00

### Scope of delivery

For each 24mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Pass 12mm

# **Applicable articles numbers**

732.12.26.000.00

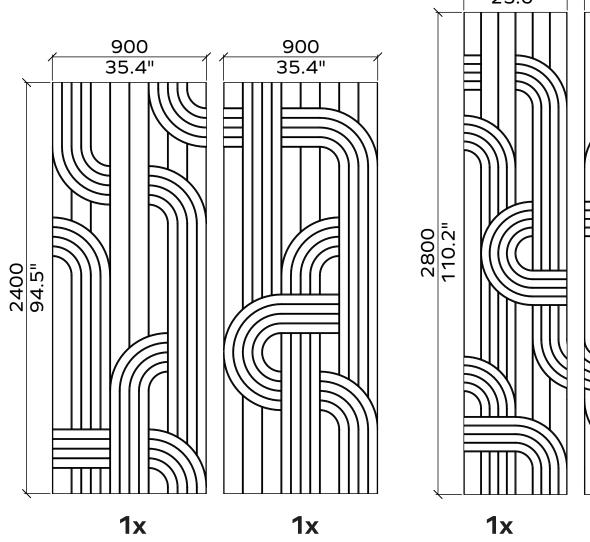
### Scope of delivery

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# Applicable articles numbers

These panels are mounted with a contact spray adhesive. Instructions are available online.

600



All dimensions are nominal

1x

# Bau



# Geometry Information

# Bau 24mm

# Applicable articles numbers

732.24.27.000.00

# Scope of delivery

For each 24mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Bau 12mm

# **Applicable articles numbers**

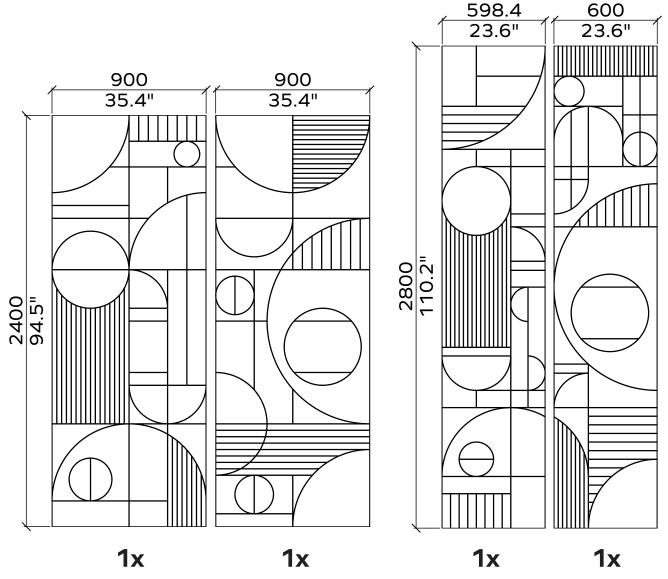
732.12.27.000.00

### Scope of delivery

For each 12mm item you will receive a set of 2x PET panels (in the dimensions below), 1x spray adhesive can per set.

# Applicable articles numbers

These panels are mounted with a contact spray adhesive. Instructions are available online.



# Vela

# Custom solutions available

# Geometry Information

# Vela 24mm

# Applicable articles numbers

732.24.28.000.00

### Scope of delivery

For each 24mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

These panels are mounted with a contact spray adhesive. Instructions are available online.

# Vela 12mm

# **Applicable articles numbers**

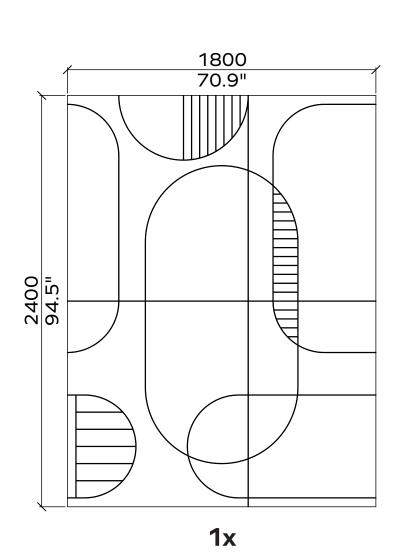
732.12.28.000.00

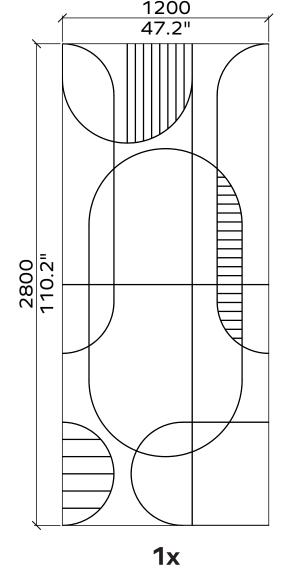
### Scope of delivery

For each 12mm item you will receive a set of 1x PET panels (in the dimensions below), 1x spray adhesive can per set.

# **Applicable articles numbers**

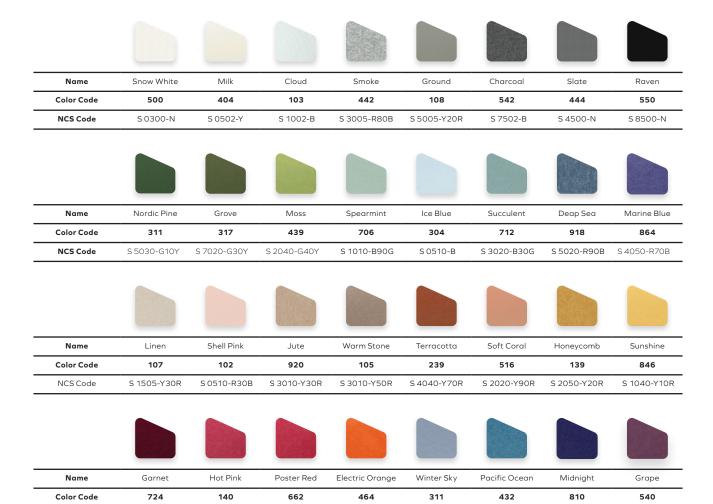
These panels are mounted with a contact spray adhesive. Instructions are available online.





# **ARCHI**SONIC<sub>®</sub> Colors





These NCS codes are the closest visual match available and may not be exact to blended fibres.

S 1080-R

S 2060-R20B

**ARCHI**SONIC®

S 5040-R40B

S 7020-R70B

# **Colors**

NCS Code

S 5040-R10B

Experience our ARCHISONIC® Felt material with a stunning selection of 32 colors across 8 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colors harmoniously to suit your preferences. Discover more in our Materials brochure and order your free sample box today.

S 0580-Y70R

S 5030-G10Y

S 3040-B

# **Color 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)			
Thickness <sup>1</sup>	12mm (0.47") 24mm (0.94")			
Max. Size	1200x2800mm (47"x110")	1800x2400mm (70"x94")		
Acoustic <sup>2</sup>	<b>ASTM:</b> NRC=0.6 <b>ISO</b> : αw=0.65	<b>ASTM</b> : NRC=0.9 <b>ISO</b> : αw=0.95		
Density <sup>1</sup>	2400 g/m² (0.49 lbs/ sqft)	4000 g/m² (0.82 lbs/sqft)		
Color Fastness	Class 6 ISO 105-B02:A1			
Color	32 colors (see Archisonic® Felt Color page for more information)			
Maintenance	For daily cleaning we recommend alcohol solution (75%), e.g. Pantasept. In case of contamination by dust or fluff, use feather duster or a regular vacuum cleaner. For heavy dirt, treat the material with hydrogen peroxide.			
Lead time <sup>3</sup>	21 days			
Fire Rating	DIN EN 13501-1: <b>B-s1, d0</b>	ASTM E84 Class A		
VOC Emission	28 Days French Regulation A+ ASTM E84 Pass Breeam® (International, UK, NL, SE, NOR) Examplary CDPH (CDPH/EHLB/Standard Method V1.2) Pass			
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climmate-KIC, VOC emissions in LEED EQ credit (low-emitting products), SCS Recycled Content			
Durability	Contract			

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

























# **Acoustic Performance**

# **Testing Standards**

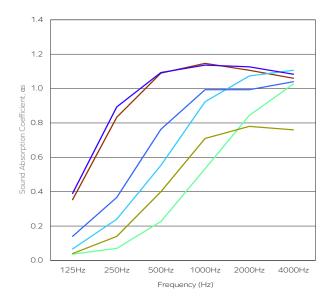


ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption
	and sound 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	αw	SAA	NRC
Archisonic 12mm (no air gap)	0.3 (MH)	0.42	0.45
Archisonic 12mm (50mm air gap)	0.4 (MH)	0.50	0.65
Archisonic 12mm (50mm insulation)	1.00	1.00	0.95
Archisonic 24mm (no air gap)	0.55 (MH)	0.70	0.70
Archisonic 24mm (50mm air gap)	0.65 (MH)	0.78	0.80
Archisonic 24mm (50mm insulation)	1.00	1.00	1.00

### **Acoustic Performance**

Frequency (Hz)		125	250	500	1000	2000	4000
Archisonic 12mm (no air gap)	$\alpha_{s}$	0.04	0.07	0.23	0.53	0.84	1.03
Archisonic 12mm (50mm air gap)	$\alpha_{\sf s}$	0.04	0.14	0.40	0.71	0.78	0.76
Archisonic 12mm (50mm insulation)	$\alpha_{s}$	0.35	0.83	1.09	1.15	1.11	1.06
Archisonic 24mm (no air gap)	$\alpha_{\sf s}$	0.07	0.24	0.55	0.92	1.07	1.11
Archisonic 24mm (50mm air gap)	$\alpha_{\sf s}$	0.14	0.37	0.76	0.99	0.99	1.04
Archisonic 24mm (50mm insulation)	$\alpha_{s}$	0.39	0.89	1.09	1.14	1.13	1.08



Archisonic 12mm (no air gap)

Archisonic 12mm (50mm air gap)

Archisonic 12mm (50mm insulation)

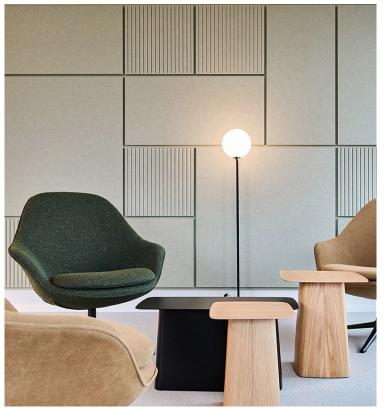
Archisonic 24mm (no air gap)

Archisonic 24mm (50mm air gap)

Archisonic 24mm (50mm insulation)

The graph represents the sound absorption coefficients ( $\alpha$ s) in the third octave band center frequencies. Measurement used Pink Noise as excitation signal in a reverberant room.

# Reference Projects







# Additional Information

# **Online Resources**

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



CAD files



Spec sheets and Installation Guide



Color families



Instruction videos



Associated products specs.

# **Ordering Process**

Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days<sup>1</sup> from your first point of contact, allowing you to focus on what truly matters to you.















Contact our consultant

Order Confirmation

Dispach

Delivery

# **Contact Us**

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









1 - Quote and Production times may vary.



# HWe Make An Invact