

PROJECT		REFERENCE TYPE		DATE	
SPECIFIED BY		QUANTITY		NOTE	

Architectural Perforated Metal Solutions

Transform your space by combining the unique look and feel of metal with almost unlimited possibilities for shapes, patterns, and even detailed images. Velaria Systems has partnered with Astyl, a manufacturer of architectural metal solutions focused on the needs of architects to offer an alternative to typical finishes.

Description

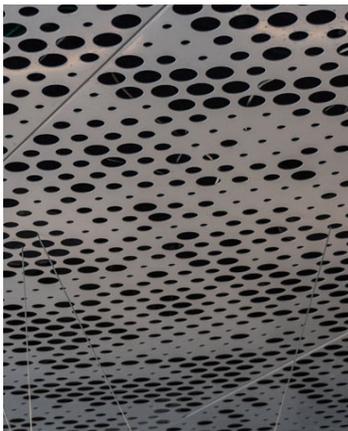
Perforated metal wall panels designed to easily mount to the wall surface and offer the option of selecting one of the standard available patterns or creating something completely unique.

Panels are available in a wide range of powercoat finishes with the option to add acoustic felt for additional color and noise reduction.



A Variety of Perforation Options

From simple symmetrically repeating geometric patterns to complete images recreated with perforations, there is a solution that's perfect for your design. Combined with your favorite finish and an option to add acoustic felt in a variety of colors you can play with aesthetics, texture, and color to make your space unforgettable.



Puncto

Symmetrical and abstract modern patterns and textures created from common geometric perforation shapes



Lasion

Laser cut allows free form perforation, enhancing organic shapes and unique geometries in pattern designs



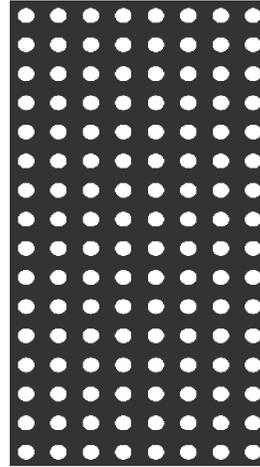
Picto

An advanced image transfer technology that translates any image into a geometric perforation pattern design

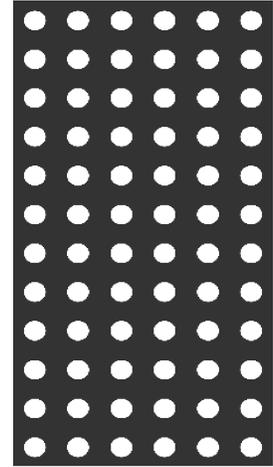
Perforated Metal / WALLS

Puncto – Standard Patterns

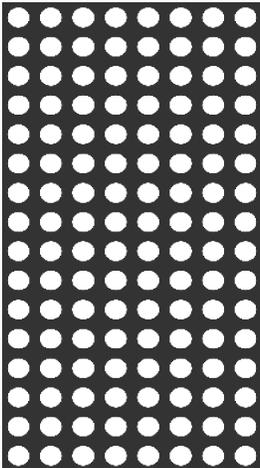
Select from 9 simple symmetrically repeating geometric patterns based on circles, rectangles, or squares.



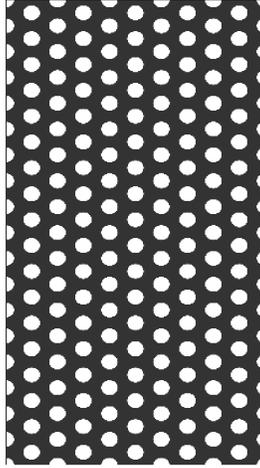
Pattern: SCO1
Open area 26%
Perforation Ø 1"



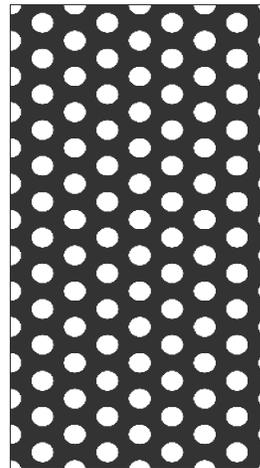
Pattern: SCO2
Open area 19%
Perforation Ø 2"



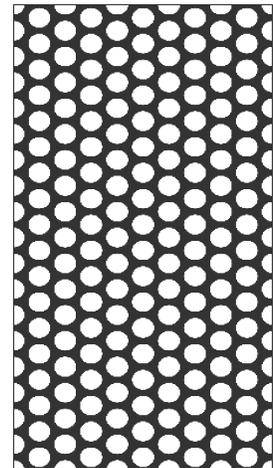
Pattern: SCO3
Open area 34%
Perforation Ø 2"



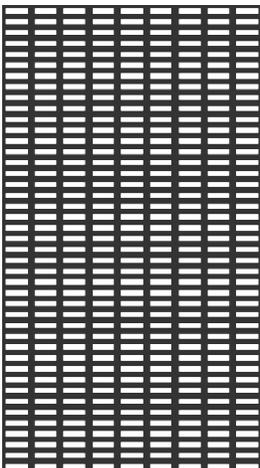
Pattern: SCO4
Open area 27%
Perforation Ø 1.5"



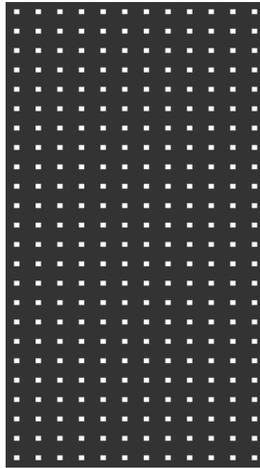
Pattern: SCO5
Open area 24%
Perforation Ø 2"



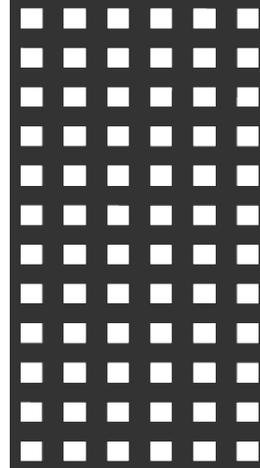
Pattern: SCO6
Open area 50%
Perforation Ø 2"



Pattern: SRO1
Open area 28%
Perforation 0.5" X 2.0"



Pattern: APO1
Open area 28%
Perforation 0.5" X 0.5"



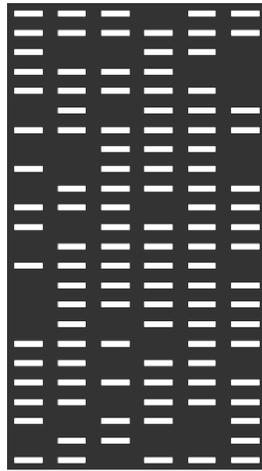
Pattern: APO1
Open area 28%
Perforation 2.0" X 2.0"



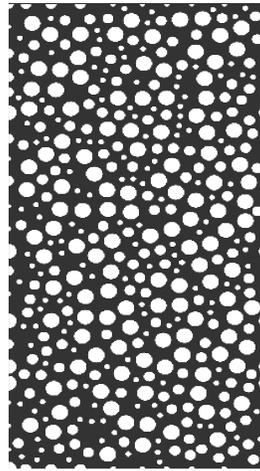
Perforated Metal / WALLS

Puncto – Abstract Patterns

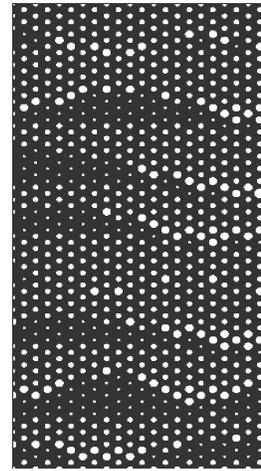
Select from 14 abstract patterns based on common geometric shapes arranged in unique arrangements to create unforgettable ceilings.



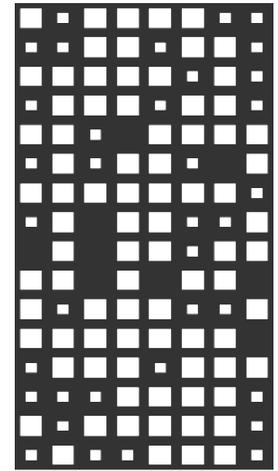
Pattern: APO1
Open area: 28%



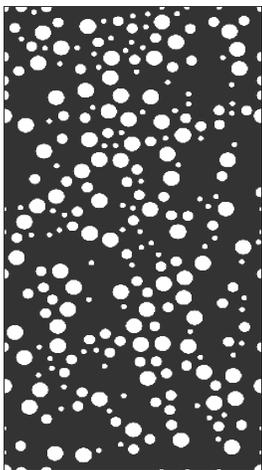
Pattern: APO2
Open area: 32%



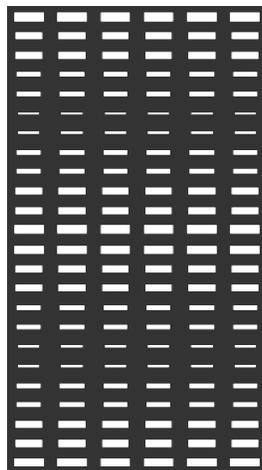
Pattern: APO3
Open area: 13%



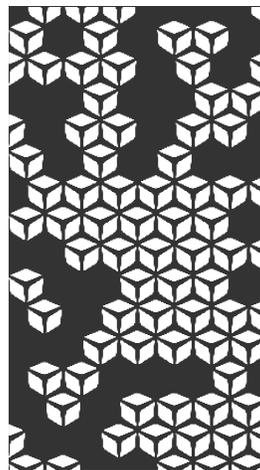
Pattern: APO4
Open area: 31%



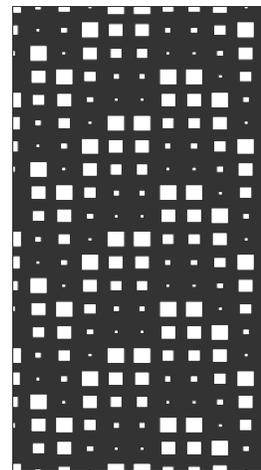
Pattern: APO5
Open area: 17%



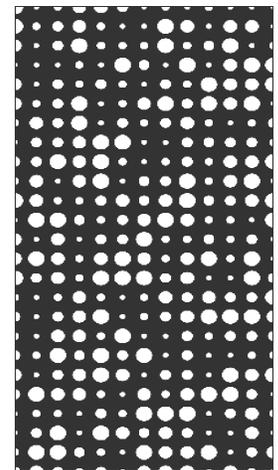
Pattern: APT
Open area: 53%



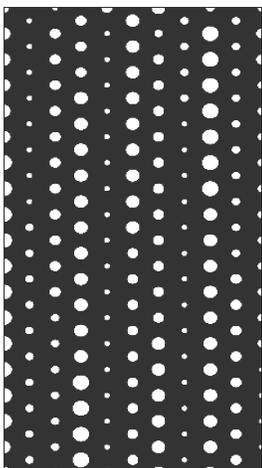
Pattern: API2
Open area: 53%



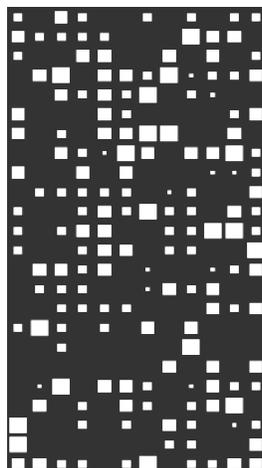
Pattern: API3
Open area: 17%



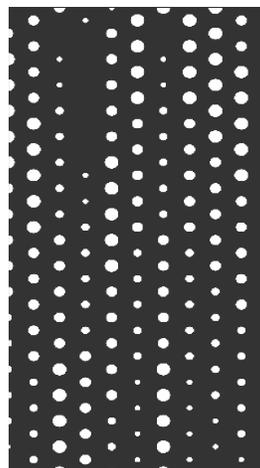
Pattern: API4
Open area: 21%



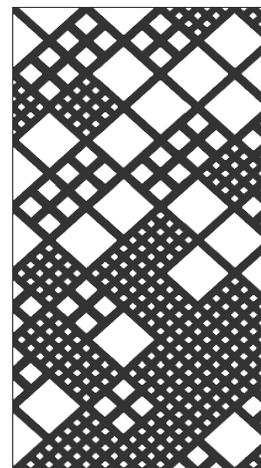
Pattern: API5
Open area: 10%



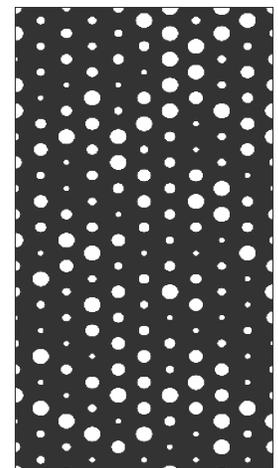
Pattern: API6
Open area: 16%



Pattern: API7
Open area: 58%



Pattern: API8
Open area: 54%



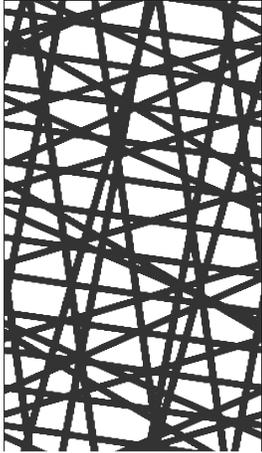
Pattern: API9
Open area: 13%



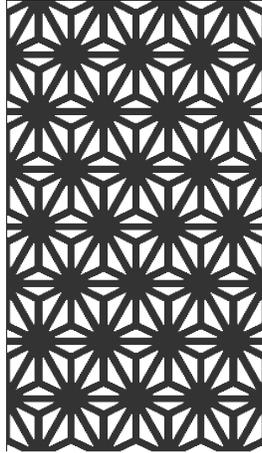
Perforated Metal / WALLS

Lasion

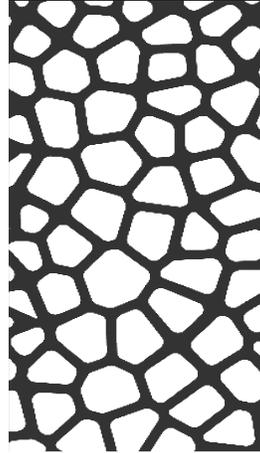
Select from 15 laser cut patterns incorporating free form perforations to generate one-of-a-kind designs.



Pattern: AI01
Open area 45%



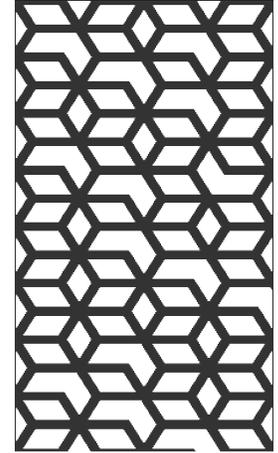
Pattern: AI02
Open area 52%



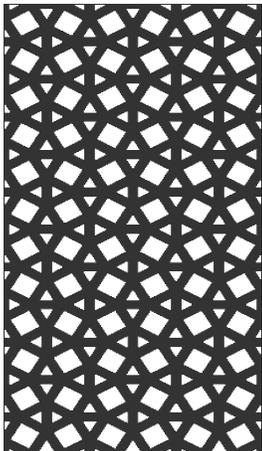
Pattern: AI04
Open area 60%



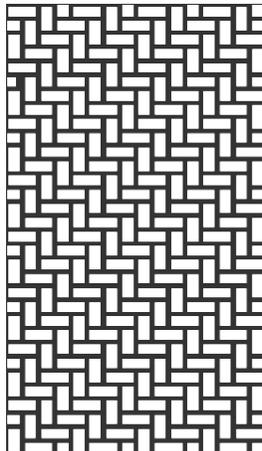
Pattern: AI10
Open area 48%



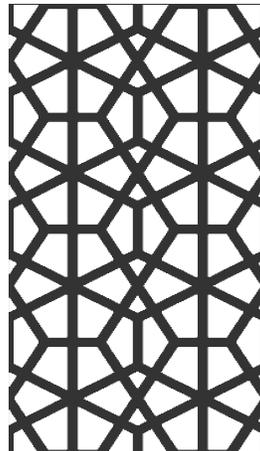
Pattern: AI05
Open area 61%



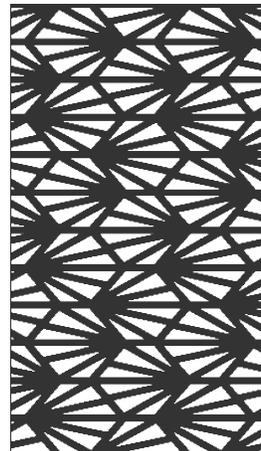
Pattern: AI06
Open area 31%



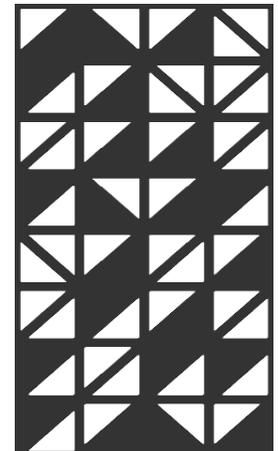
Pattern: AI07
Open area 55%



Pattern: AI08
Open area 53%



Pattern: AI09
Open area 54%



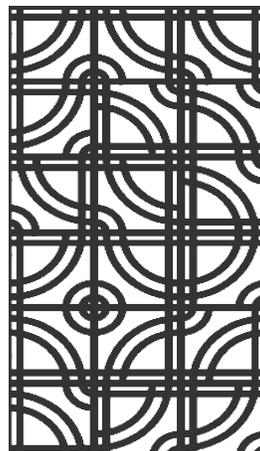
Pattern: AI10
Open area 33%



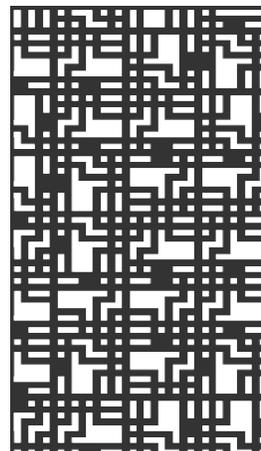
Pattern: AI11
Open area 45%



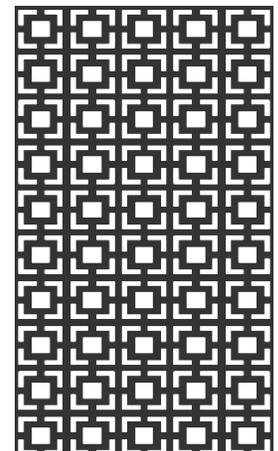
Pattern: AI12
Open area 48%



Pattern: AU01
Open area 48%



Pattern: AU02
Open area 25%



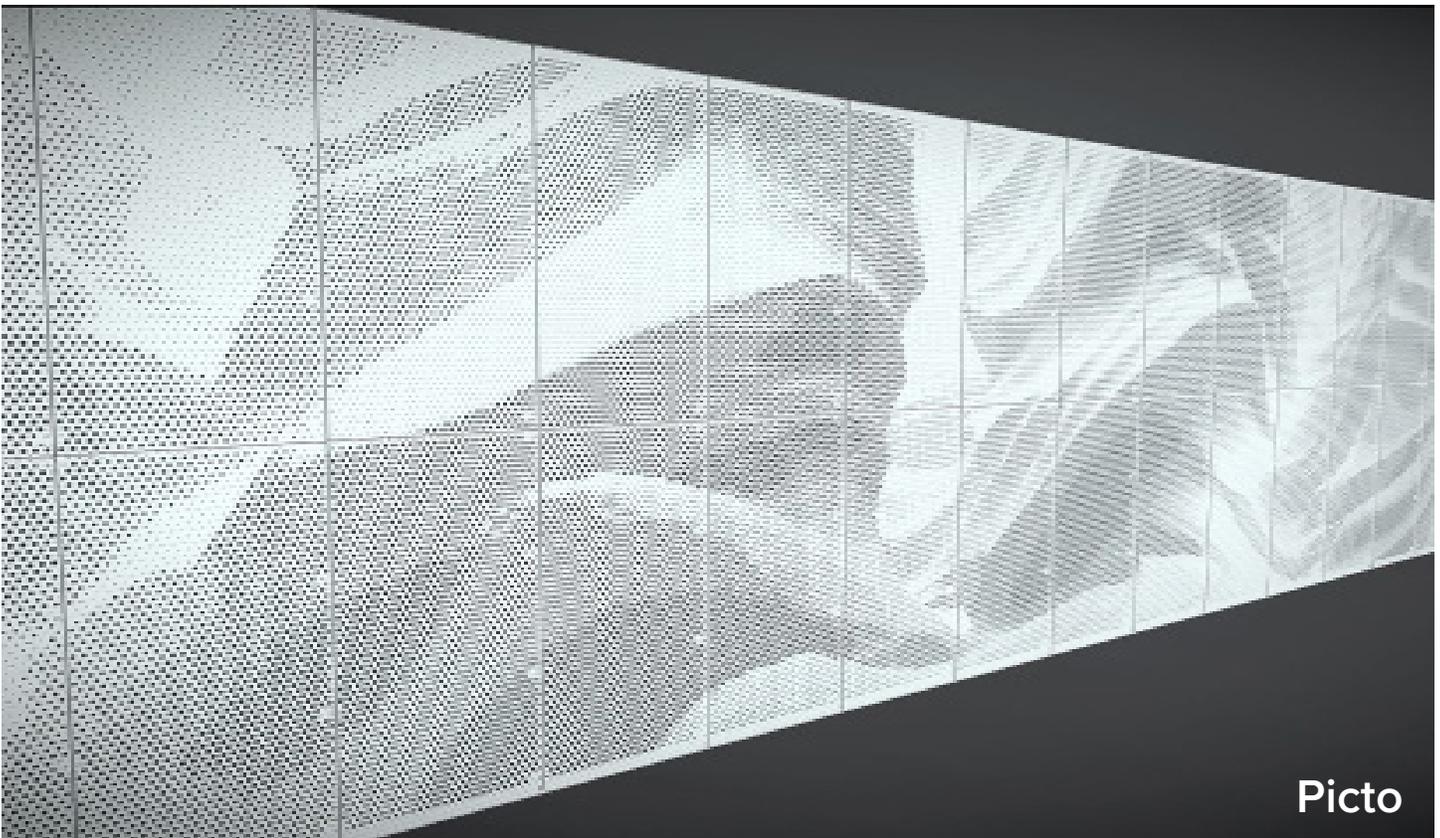
Pattern: AU03
Open area 35%



Perforated Metal / WALLS

Picto

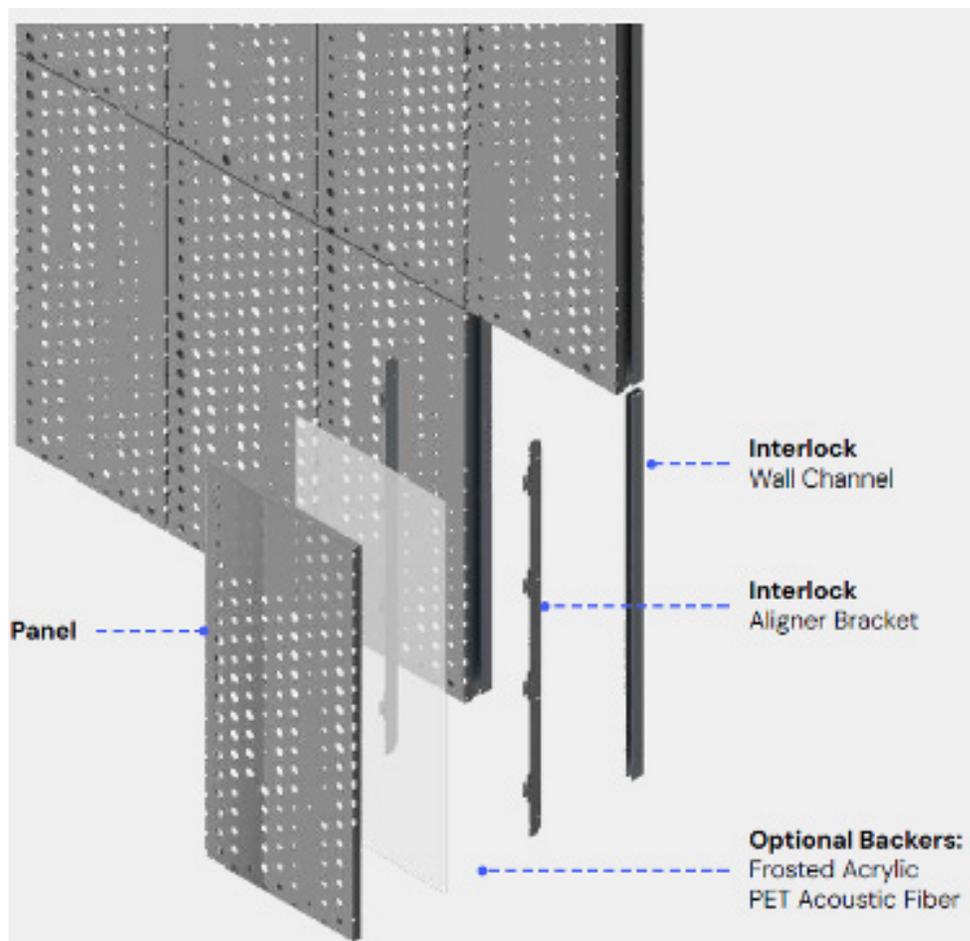
Create your own unique design by incorporating an image that comes to life in perforations using Astyl's advanced manufacturing techniques



Perforated Metal / WALLS

Panel Details

Wall panels are designed for easy installation. Available in 2 standard sizes with custom options available, the panels are made from lightweight aluminum and utilize a simple interlock bracket mounting system with the option to add sound absorbing materials or an acrylic cover (*contact Velaria Systems for available acrylic panel options*)

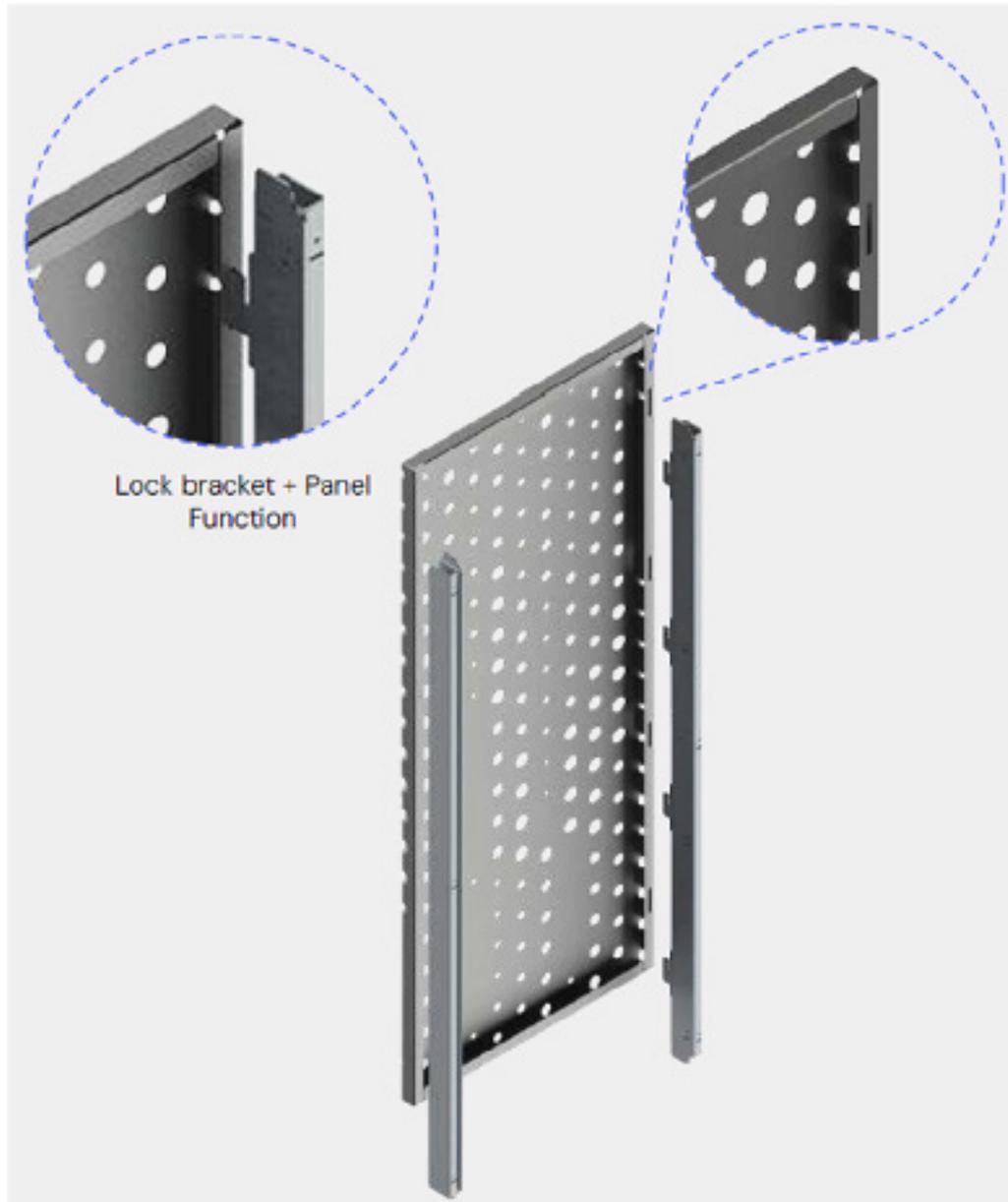


Material	Aluminum: 0.080" or 0.125" thickness
Panel Sizes (ft)	Nominal 2x4, 4x6.5, Custom (contact Velaria Systems)
Mounting Orientation	<ul style="list-style-type: none">• 2x4: Horizontal or Vertical• 4x6.5: Vertical only
Max. Weight (lb/sqft)*	<ul style="list-style-type: none">• 0.080" = 1.12• 0.125" = 1.69
Finishes	Powdercoat Paint: Standard RAL or Special
Fire Rating	Aluminum is a "non-combustible material" (ASTM E 136)

*Weight of panel prior to perforation

Interlock Bracket Mounting

A simple 3-step procedure enables quick and accurate panel installation.

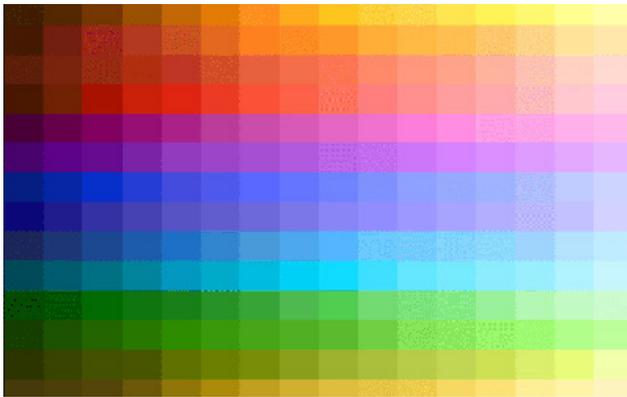


Simple 3-Step Installation

1. Attach Channel to wall
2. Insert Aligner Bracket into Channel
3. Clip Panels to Aligner Bracket

Perforated Metal / WALLS

Finishes



RAL Powdercoat

A highly durable finish available in a virtual rainbow of standard colors.

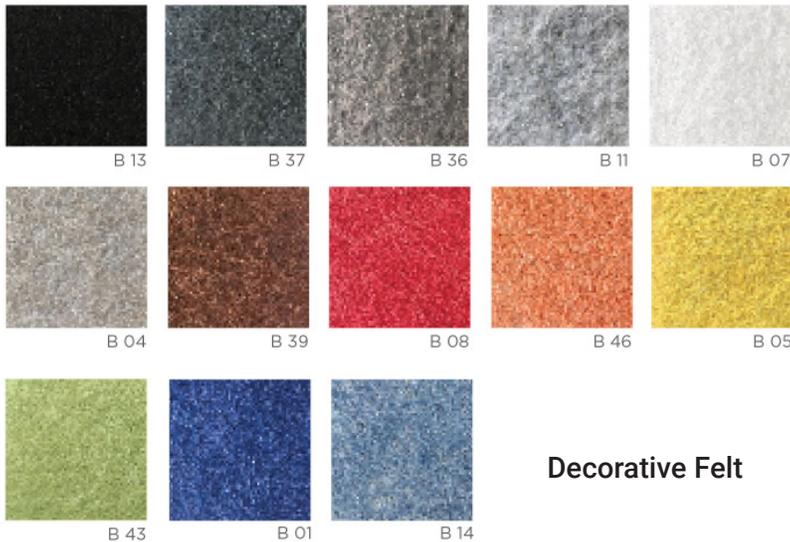


Special Powdercoat Finishes

This range of finishes offers textured, patina, anodized and metallic appearances.

Acoustic PET Felt

To ensure a high degree of noise reduction at the ceiling you can choose to add thick felt sound absorption behind the perforated metal panels or where acoustic performance is less critical but you want more aesthetic choice, you can select from a range of felt colors that make a significant contribution to reducing noise in the space.



Decorative Felt



High Performance Felt

	Decorative Felt	High Performance Felt
Thickness	0.35"	2"
Colors	13 choices (Bxx)	Black/Dark Grey
Acoustic Rating (NRC)	0.25-0.80 (dependent on setback from metal surface)	0.85
Fire Rating (ASTM E84)	Class A	Class A

Perforated Metal / WALLS



Specification Codes

NOTE: Specification Codes are provided for use as simple references to Velaria Systems Perforated Metal products in specifications and/or construction documents and do not include all details required to define the system. Specification Codes are NOT ordering codes. In order to receive quotations or purchase these products from Velaria Systems, finish colors, and in the case of Picto, image details are required. Velaria Systems may also request additional information before issuing a quotation or accepting a purchase order.



1 SUPPLIER	2 TYPE	3 PRODUCT	4 PATTERN TYPE	5 PATTERN #	6 PANEL SIZE	7 FINISH	8 BACKING
VS = Velaria Systems	W = Wall	PM = Perforated Metal	SPU = Standard Puncto APU = Abstract Puncto LAS = Lasion PIC = Picto CUS = Custom	Choose from list provided	24 = 2x4 465 = 4x6.5 CUS = Custom	RAL = RAL selection SPF = Special Finish	N = None DFBxx = Decorative Acooustic Felt Bxx color HPF = High Performance Felt ACR = Frosted Acrylic

Environmental

A quote from our partner:

"At Astyl, we are not only dedicated to creating cutting-edge metal solutions for exceptional architectural projects, but we are also proud to do so in a way that respects and protects our environment. Sustainability and green practices are core values that drive every aspect of our business."

Warranty



5 Year warranty on materials.

About Astyl Architectural Solutions in Metal



At ASTYL® we are a leading company specializing in the design, engineering and manufacturing of architectural metal panels. With more than 30 years of experience in the manufacturing of metal products, we have a design, engineering and project control center made up of architects, engineers and designers.

All of our products are manufactured in our state-of-the-art production plant based in the city of Monterrey, Mexico, with the highest quality standards and in compliance with ISO standards for quality, environment, health and safety.

At ASTYL® we are a creative, innovative, durable, lightweight, low-maintenance solution with a unique character.