



**INNOVATE
WITH CONFIDENCE**

Architectural Facades

Innovate with Confidence

The architectural facades product line from Valmont® Structures has set the standard for architectural metal facades, balustrades and shading. Our materials are custom manufactured locally in the U.S. for our world-class global network, to meet project requirements.

This document details recent projects along with our most popular profiles; beyond this we can create completely new profiles to assist you in achieving your design vision.

Ease and Simplicity

Available as a complete engineering package, our Atmosphere, Aurora and Transit Mesh facade systems were created to help simplify choice, shorten lead times and simplify installation. All the while, these systems offer you the design flexibility and functionality that Valmont Structures solutions are known across the globe.

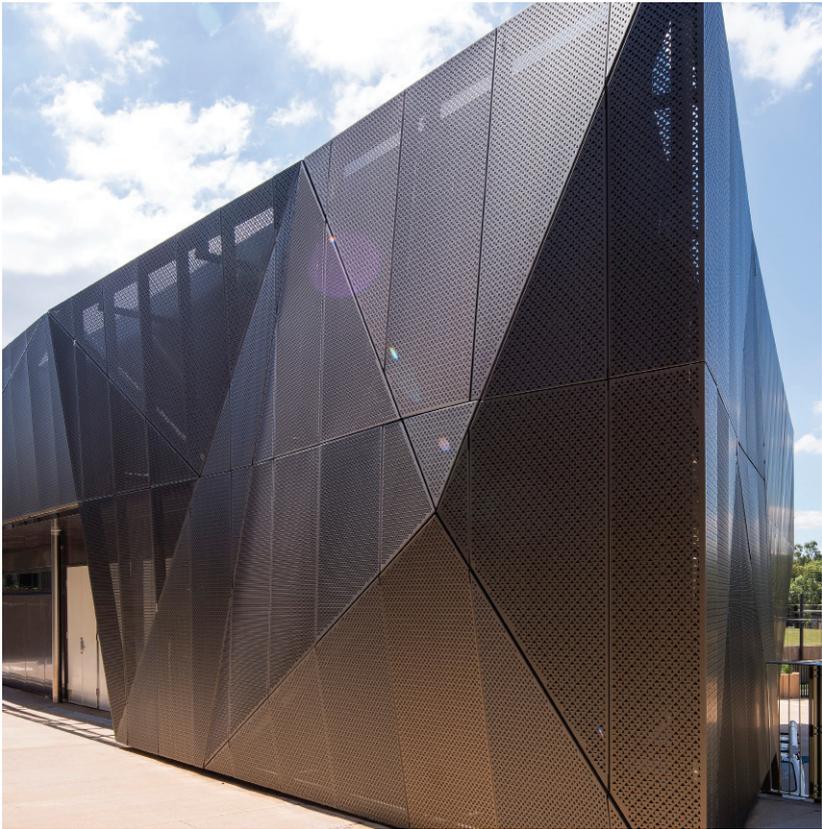
Systems

We prepackaged some of our most popular screening products with our proven attachment systems to simplify design and installation.

Pic Perf creates an indelible image in perforated metal. Perforated metal sheets are manufactured by using small perforations to create stunning architectural designs, while allowing for maximum airflow and enhanced natural lighting. Hole size, shape and pattern are tailored to your specifications and enhanced with three dimensional profiles like those offered in Pic Perf Dimensions.

The **Transit Mesh** system is manufactured in a variety of different shapes to complement a variety of structure designs. Further flexibility can be found in the materials that are available in Transit Mesh, including stainless steel, brass or galvanized steel. Regardless of how you use Transit Mesh, there is also a full range of attachment options available to ensure it performs exactly as expected.

The **Atmosphere** system from our product line offers a simple solution for those who need a visually striking facade. Saving you effort and money, Atmosphere provides solar shading and visual screening, while fulfilling your desire for striking design.



PERFORATED





PERFORATED

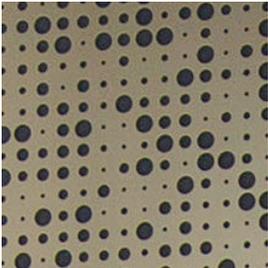
Winning Appliance Store

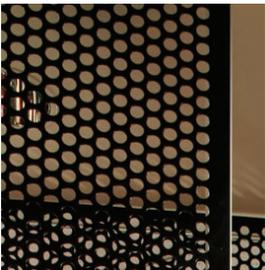
Builder: Sunset Signs

Anodised Champagne Facade

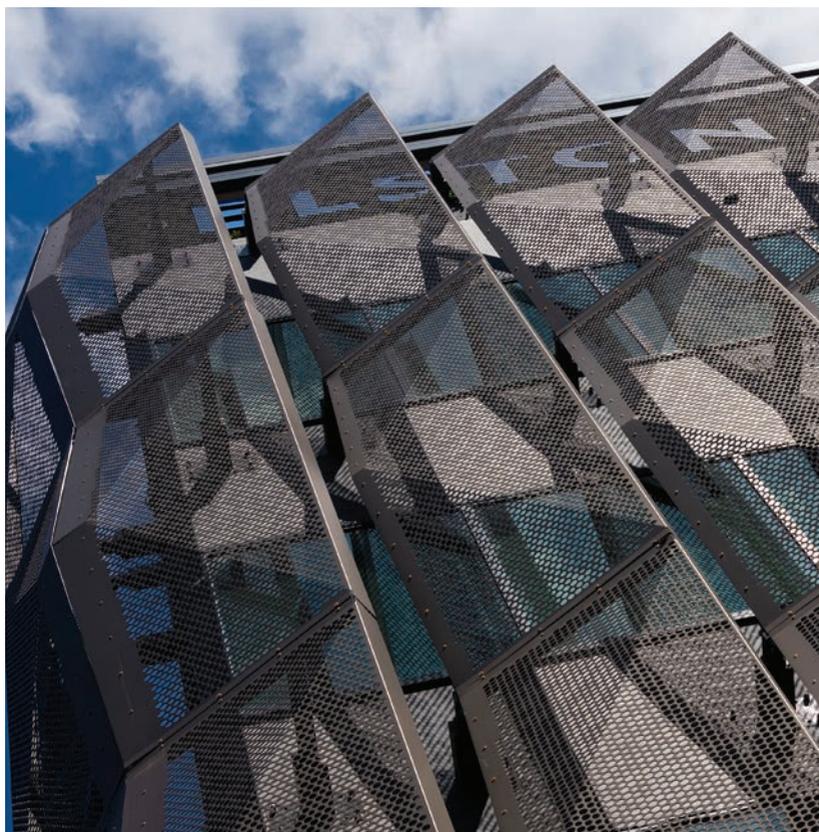


PERFORATED

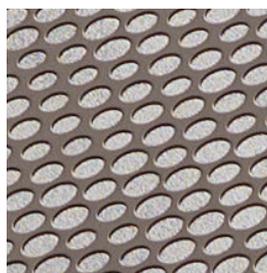


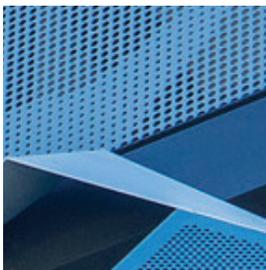


PERFORATED



PERFORATED

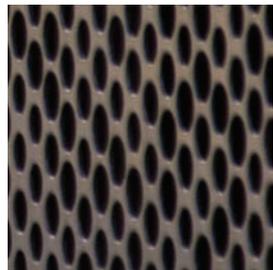


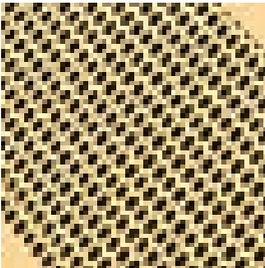


PERFORATED
& PIC PERF



PERFORATED

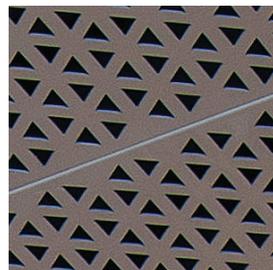


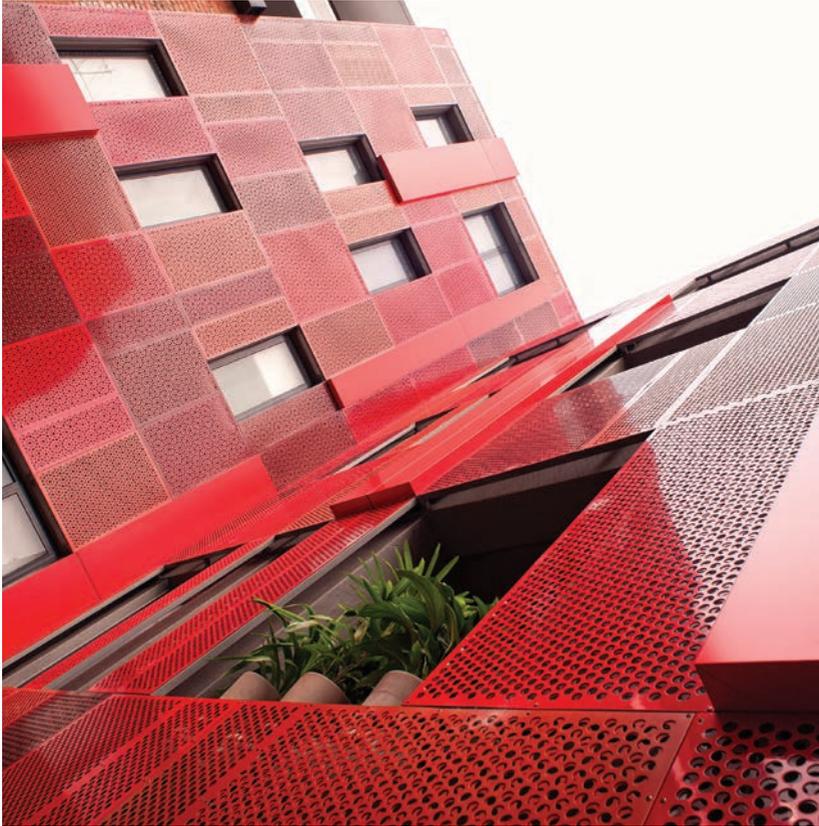


PERFORATED



PERFORATED





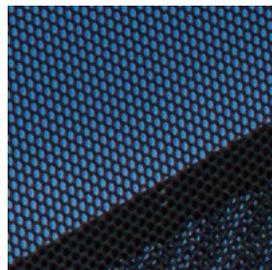
*Duplicate panels create "Moray" effect when installed correctly.

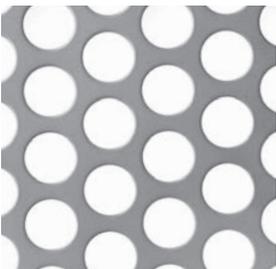


PERFORATED



PERFORATED

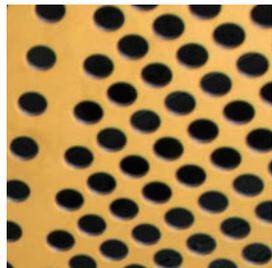


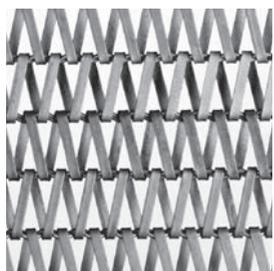


PERFORATED



PERFORATED

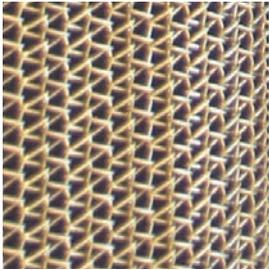


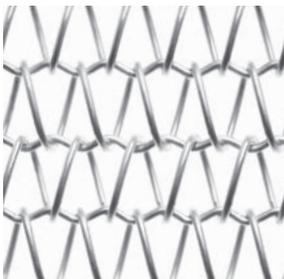


TRANSIT

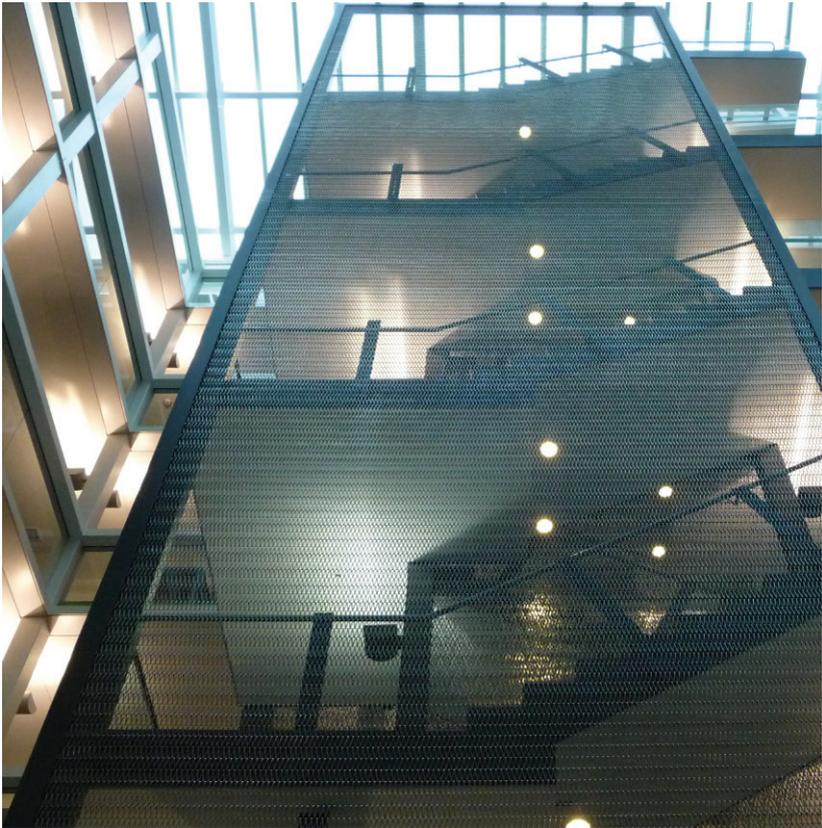


TRANSIT

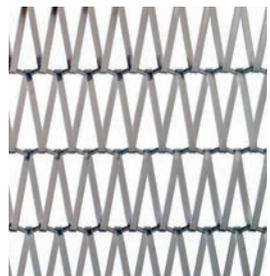




TRANSIT

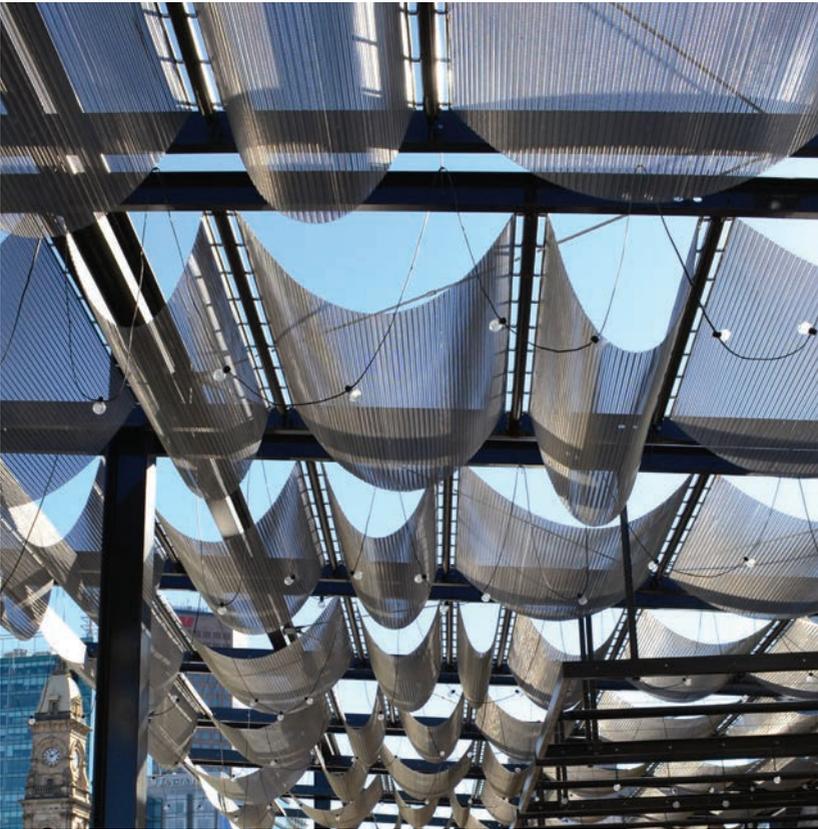


TRANSIT

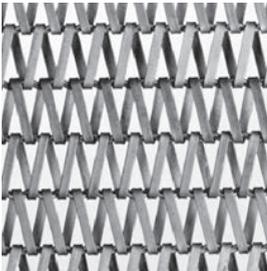


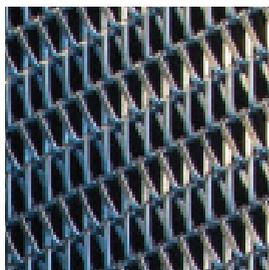


TRANSIT

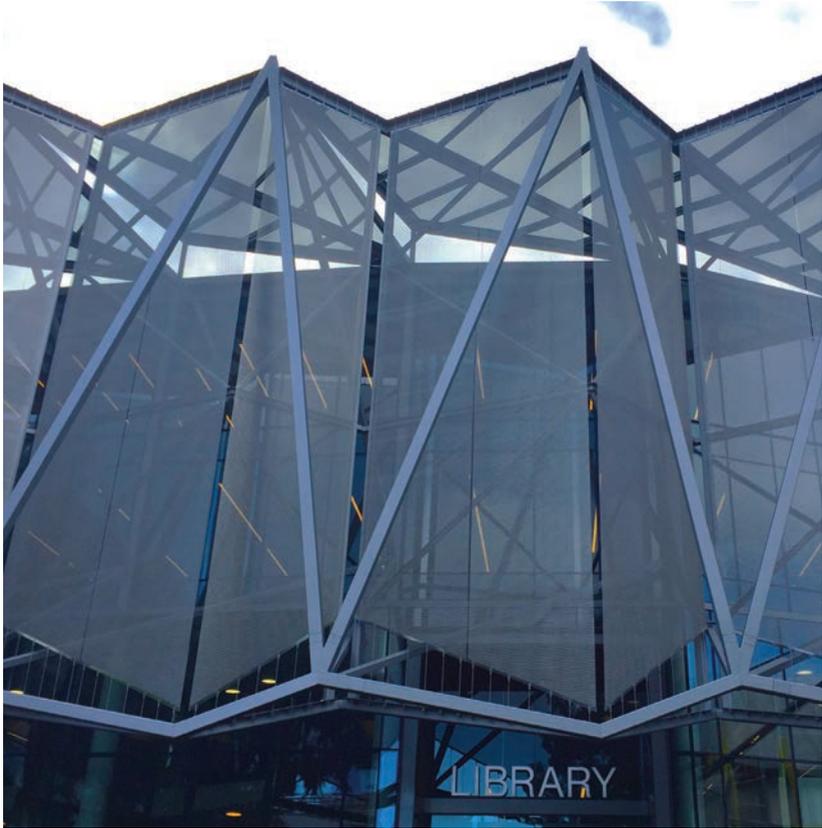


TRANSIT

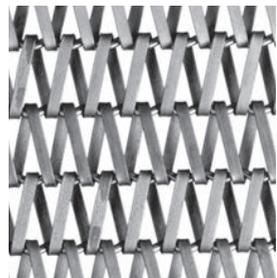




TRANSIT

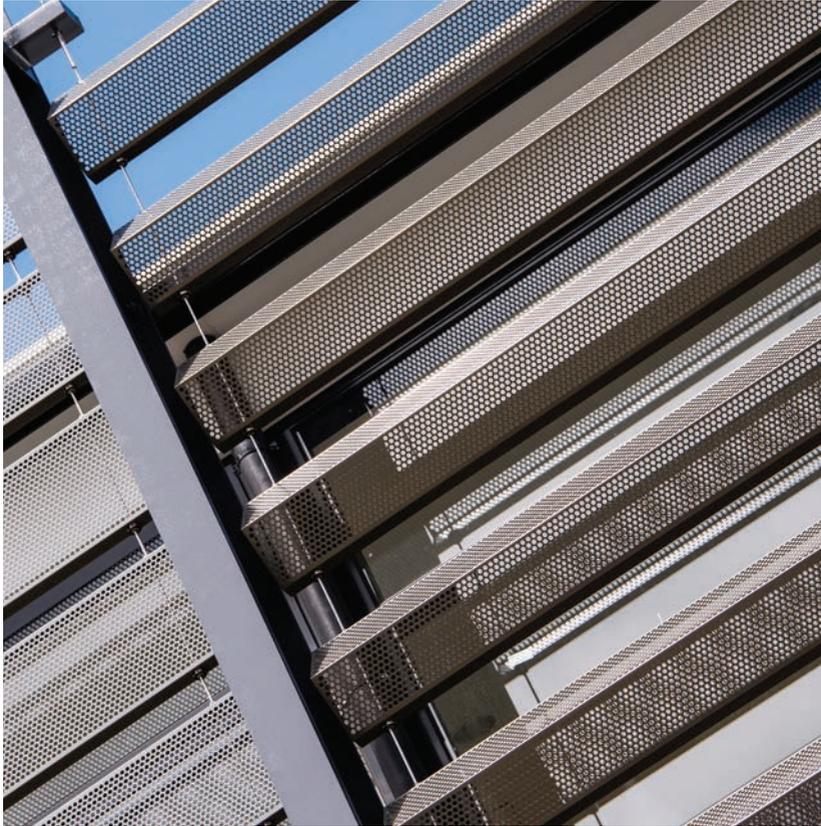


TRANSIT



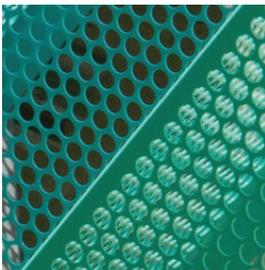


ATMOSPHERE
& PIC PERF

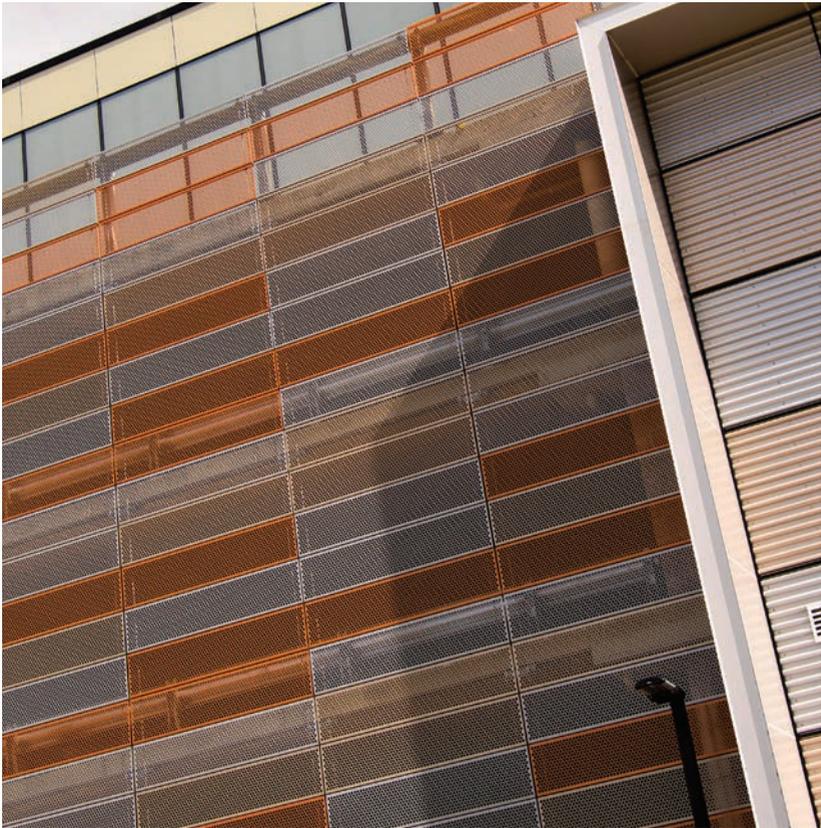


ATMOSPHERE

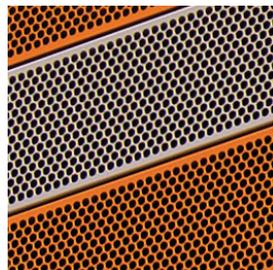




ATMOSPHERE



ATMOSPHERE

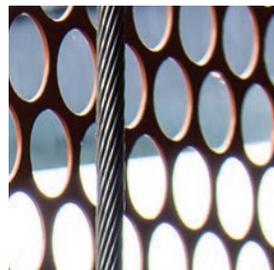


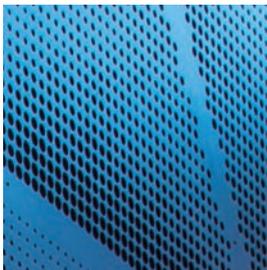
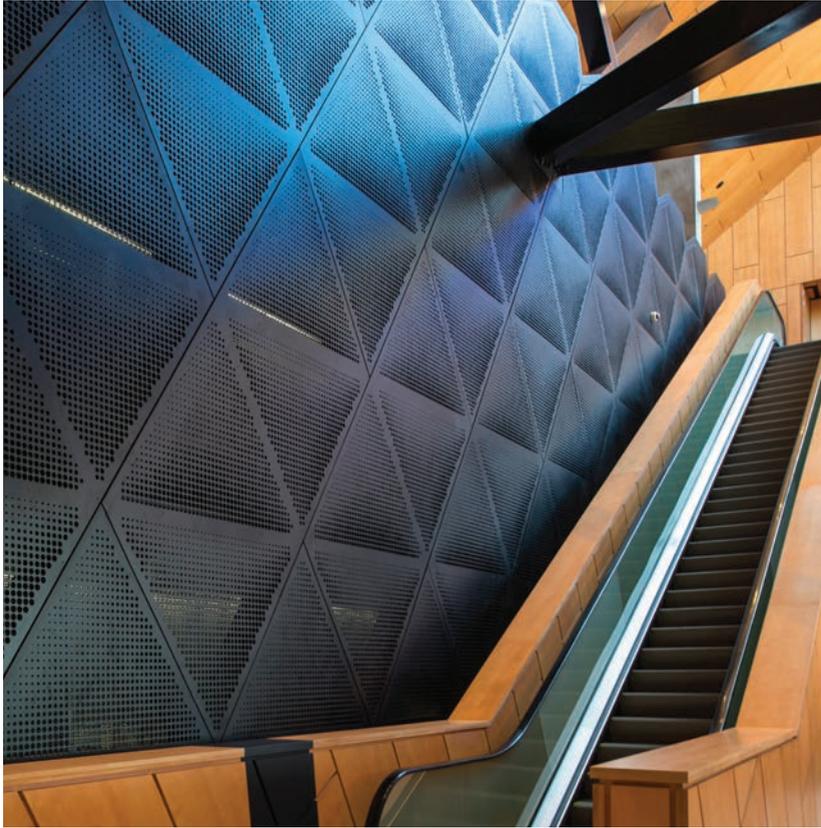


ATMOSPHERE



ATMOSPHERE

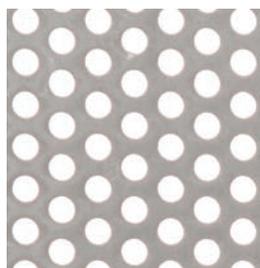


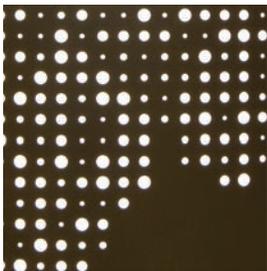


PIC PERF

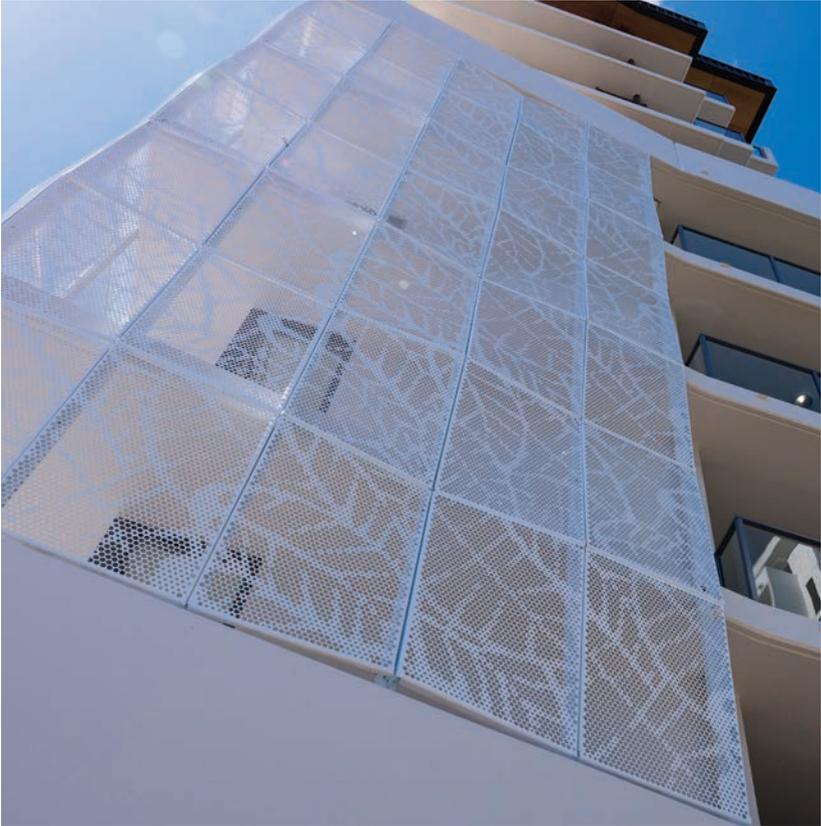


PIC PERF

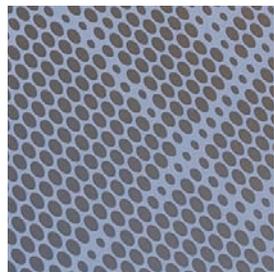




PIC PERF



PIC PERF

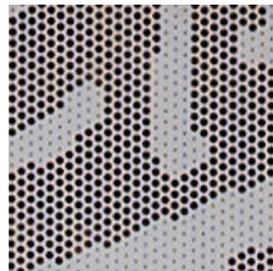


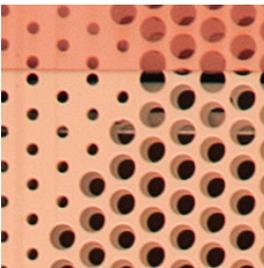


PIC PERF AND
STANDARD PERF



PIC PERF

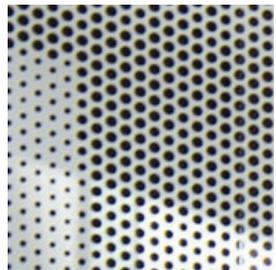


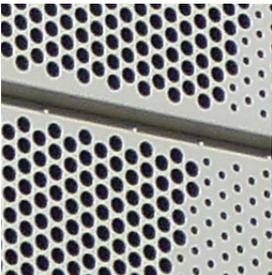


PIC PERF



PIC PERF





PIC PERF

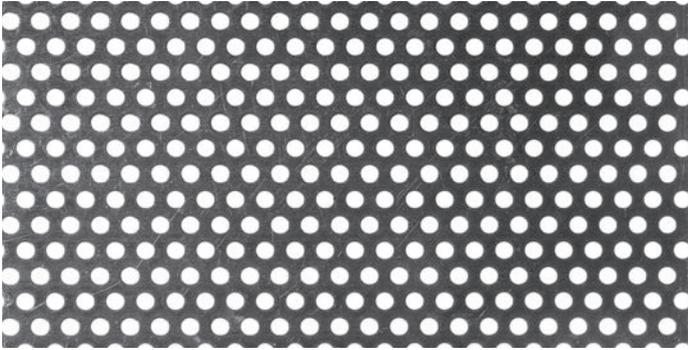


PIC PERF



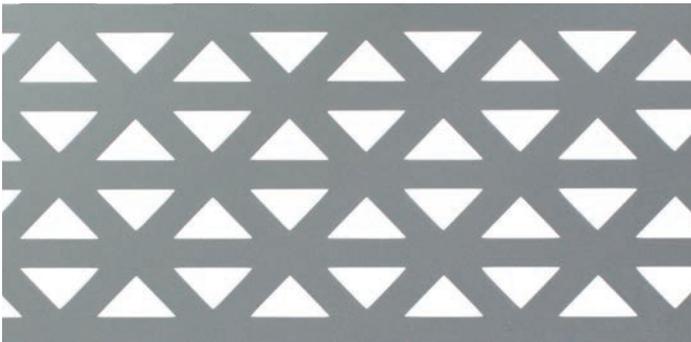
Perforated

APOLLO 300



MATERIAL	Aluminum T304 (S/S), T316 (S/S)
MAX WIDTH	60" (1500mm)
OPEN AREA	30%
THICKNESS	0.04"-0.12" (1.0-3.0mm) (A) 0.02"-0.06" (0.5-1.5mm) (S/S)
APPLICATIONS	Car Park Screens, Facades, Security Screens, Infill Panels, Partitions & Balustrades

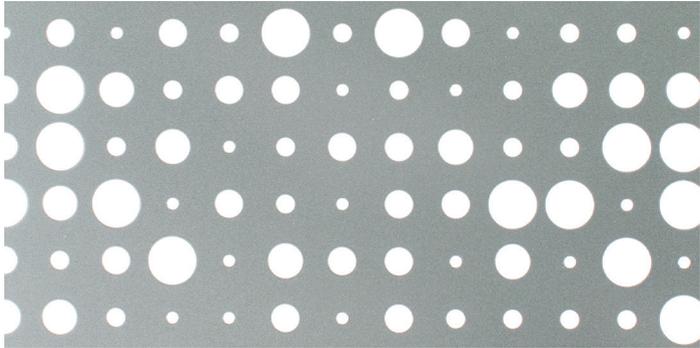
AZTEC



MATERIAL	Aluminum
MAX WIDTH	60" (1500mm)
OPEN AREA	28%
THICKNESS	0.125" (3.0mm)
APPLICATIONS	Facades, Balustrade Infills, Decorative Panels, Ceiling Tiles & Partitions

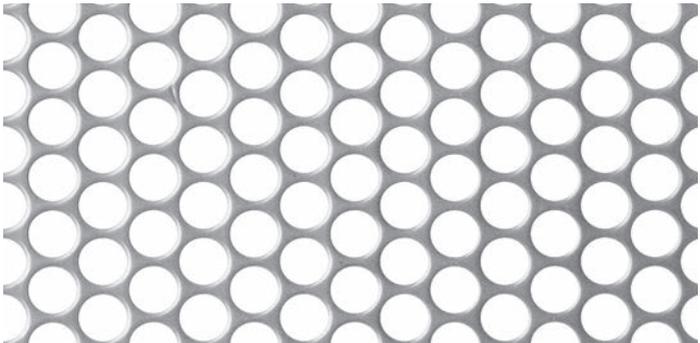
Perforated

CHAMPAGNE



MATERIAL	Aluminum
MAX WIDTH	60" (1500mm)
OPEN AREA	22%
THICKNESS	0.125" (3.0mm)
APPLICATIONS	Balustrade Infills, Decorative Panels, Cladding, Facades, Ceiling Tiles, Privacy Screens & Partitions

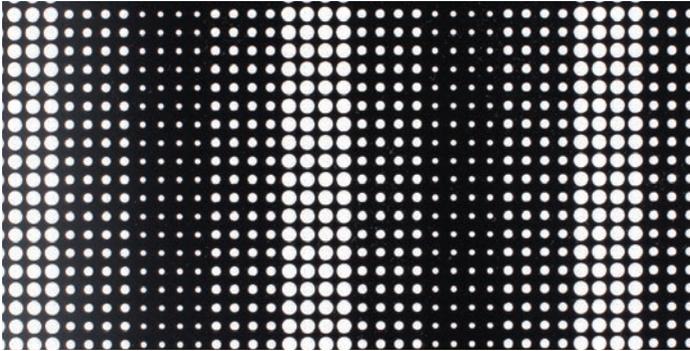
CLARITY 800



MATERIAL	Aluminum, T304 (S/S), T316 (S/S)
MAX WIDTH	60" (1500mm)
OPEN AREA	62%
THICKNESS	0.04"-0.12" (1.0-3.0mm) (A) 0.02"-0.06" (0.5-1.5mm) (S/S)
APPLICATIONS	Car Park Screens, Facades, Security Screens, Infill Panels, Partitions & Balustrades

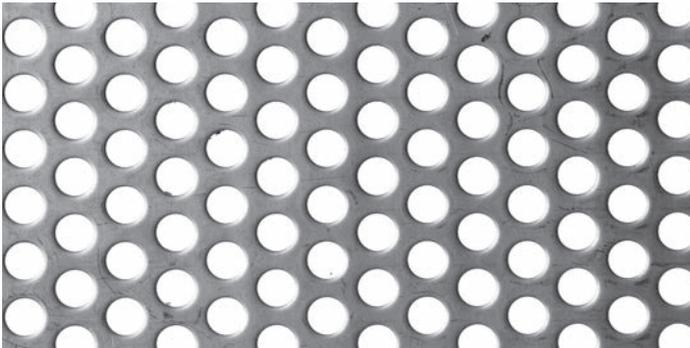
Perforated

DOMINO 358



MATERIAL	Aluminum
MAX WIDTH	60" (1500mm)
OPEN AREA	25%
THICKNESS	0.125" (3.0mm)
APPLICATIONS	Facades, Balustrade Infills, Decorative Panels, Ceiling Tiles & Partitions

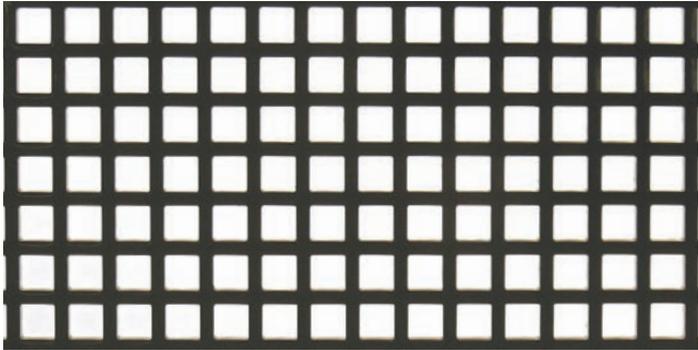
ECLIPSE 600



MATERIAL	Aluminum, T304 (S/S), T316 (S/S)
MAX WIDTH	60" (1500mm)
OPEN AREA	40%
THICKNESS	0.05"-0.24" (1.2-6.0mm) (A) 0.04"-0.16" (0.9-4.0mm) (S/S)
APPLICATIONS	Facades, Security Screens, Infill Panels, Partitions & Balustrades

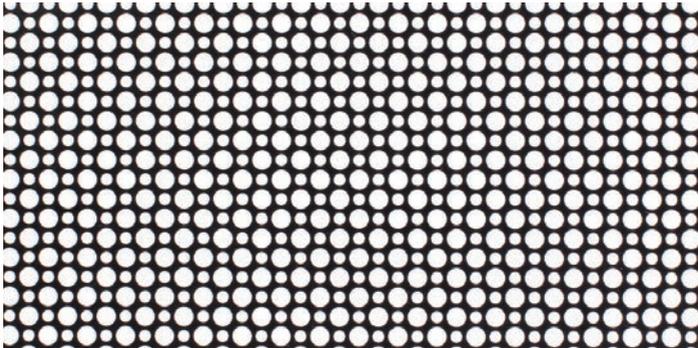
Perforated

FORTE 800



MATERIAL	T316 (S/S), Steel, Aluminum
MAX WIDTH	47" (1200mm)
OPEN AREA	53%
THICKNESS	0.04"-0.08" (1.0-2.0mm) (S) 0.04"-0.06" (0.9-1.5mm) (S/S) 0.04"-0.12" (1.0-3.0mm) (A)
APPLICATIONS	Decorative Screens (Internal or External), Fencing, Balustrade Infills, Partitions & Car Park Screens

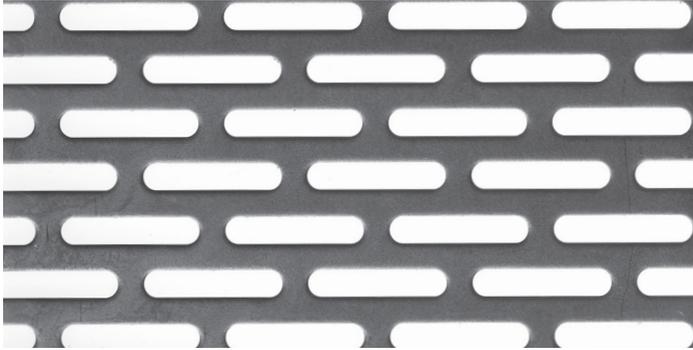
MOROCCO



MATERIAL	Aluminum
MAX WIDTH	60" (1500mm)
OPEN AREA	51%
THICKNESS	0.125" (3.0mm)
APPLICATIONS	Car Park Screens, Facades, Balustrade Infills, Decorative Panels & Ceiling Tiles

Perforated

NICHE 250



MATERIAL	Aluminum, T304 (S/S), T316 (S/S)
MAX WIDTH	60" (1500mm)
OPEN AREA	40%
THICKNESS	0.05"-0.20" (1.2-5.0mm) (A) 0.05"-0.10" (1.2-2.5mm) (S/S)
APPLICATIONS	Facades, Security Screens, Infill Panels, Partitions & Balustrades

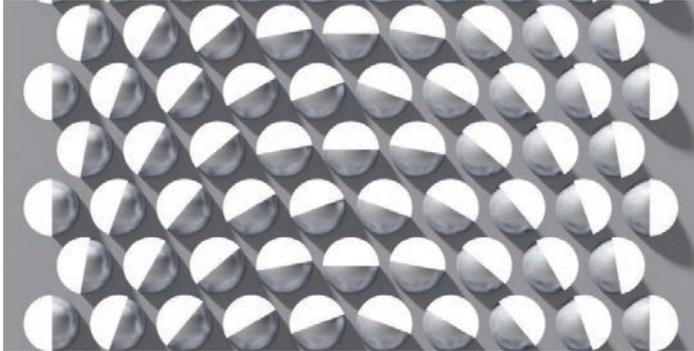
ORBIT 19



MATERIAL	Aluminum, Steel & Stainless Steel
MAX WIDTH	59" (1500mm)
OPEN AREA	23%
THICKNESS	0.12" (3.0mm) (A) 0.08" (2.0mm) (S)
APPLICATIONS	Balustrade Infills, Decorative Panels, Ceiling Tiles, Partitions & Privacy

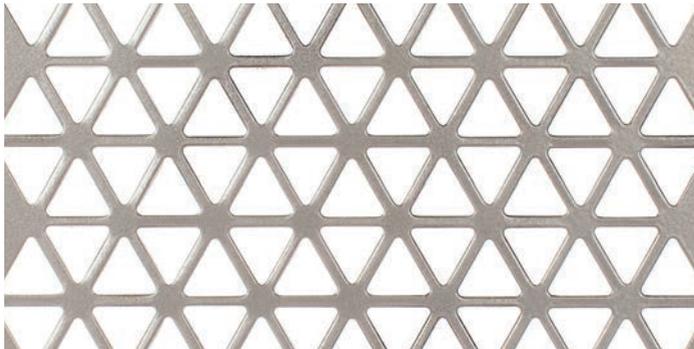
Perforated

PIC PERF DIRECTIONS



MATERIAL	Aluminum
MAX WIDTH	55" (1400mm)
OPEN AREA	51%
THICKNESS	0.12" (3.0mm)
WEIGHT	193 LBS (8.13 KG/M ²)
APPLICATIONS	Car Park Screens, Balustrades, Cladding & Facades

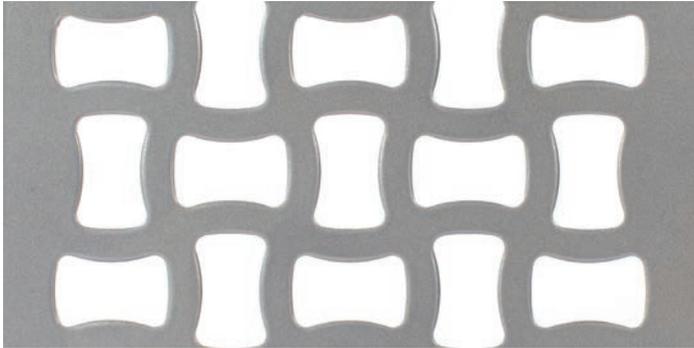
PRISM



MATERIAL	Aluminum, Steel
MAX WIDTH	59" (1500mm)
OPEN AREA	62%
THICKNESS	0.12" (3.0mm) (A) 0.08" (2.0mm) (S)
APPLICATIONS	Car Park Screens, Facades, Balustrade Infills & Decorative Panels

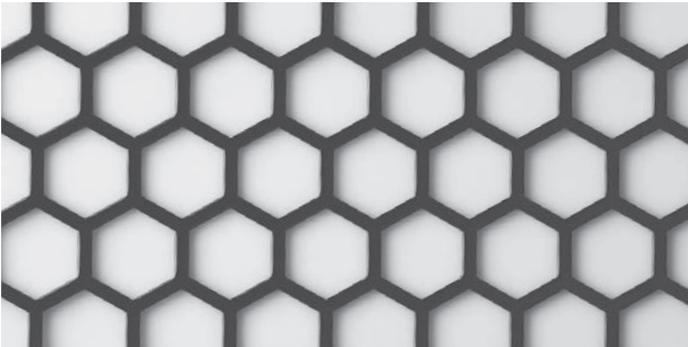
Perforated

RIBBON



MATERIAL	Aluminum
MAX WIDTH	59" (1500mm)
OPEN AREA	51%
THICKNESS	0.12" (3.0mm) - 0.20" (5.0mm)
APPLICATIONS	Car Park Screens, Facades, Security Screens, Infill Panels, Partitions & Balustrades

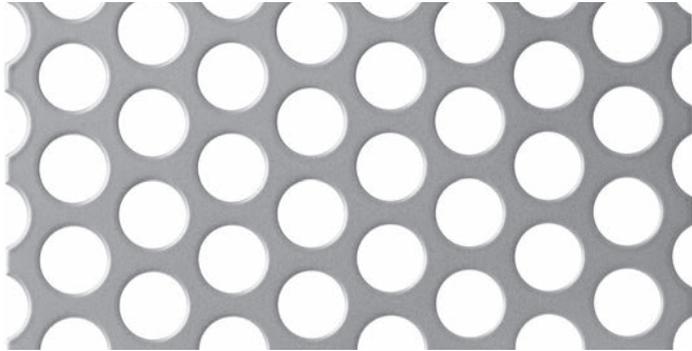
SHEER 2800



MATERIAL	Aluminum, Steel
MAX WIDTH	47" (1200mm)
OPEN AREA	73%
THICKNESS	0.12" (3.0mm) (A)
WEIGHT	101 LBS (4.24 KG/M ²) (S) 52 LBS (2.20 KG/M ²) (A)
APPLICATIONS	Car Park Screens, Facades, Balustrade Infills, Decorative Panels & Ceiling Tiles

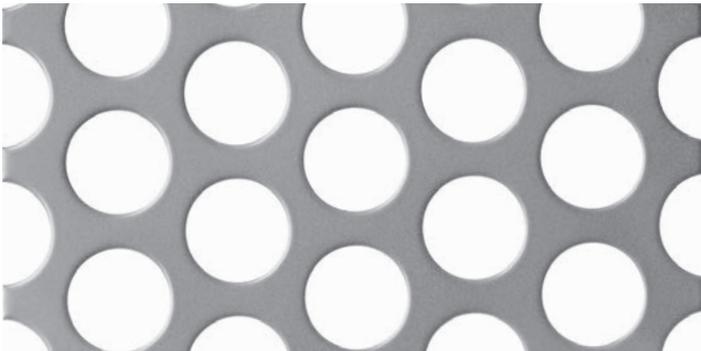
Perforated

TITAN 120



MATERIAL	Aluminum, T304 (S/S), T316 (S/S)
MAX WIDTH	60" (1500mm)
OPEN AREA	49%
THICKNESS	0.06" - 0.39" (1.6-10.0mm) (A) 0.04" - 0.24" (0.9-6.0mm) (S/S)
APPLICATIONS	Car Park Screens, Facades, Security Screens, Infill Panels, Partitions & Balustrades

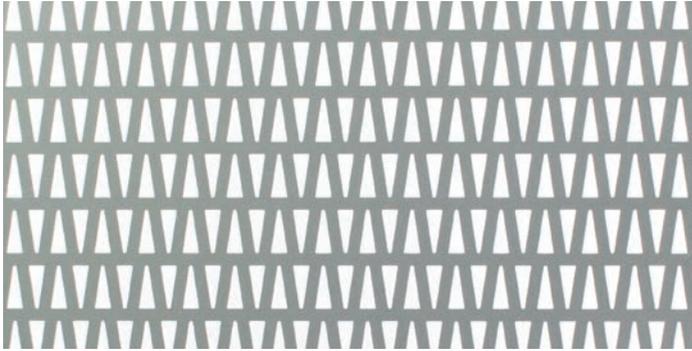
TITAN 190



MATERIAL	Aluminum, T304 (S/S), T316 (S/S)
MAX WIDTH	60" (1500mm)
OPEN AREA	51%
THICKNESS	0.06"-0.20" (1.6-5.0mm) (A) 0.10"-0.20" (2.5-5.0mm) (S/S)
APPLICATIONS	Car Park Screens, Facades, Security Screens, Infill Panels, Partitions & Balustrades

Perforated

ULTIMO



MATERIAL	Aluminum, Steel & Stainless Steel
MAX WIDTH	59" (1500mm)
OPEN AREA	34%
THICKNESS	0.12" (3.0mm) (A) 0.08" (2.0mm) (S) 0.06" (1.5mm) (S/S)
APPLICATIONS	Facades, Balustrade Infills, Decorative Panels, Ceiling Tiles & Partitions

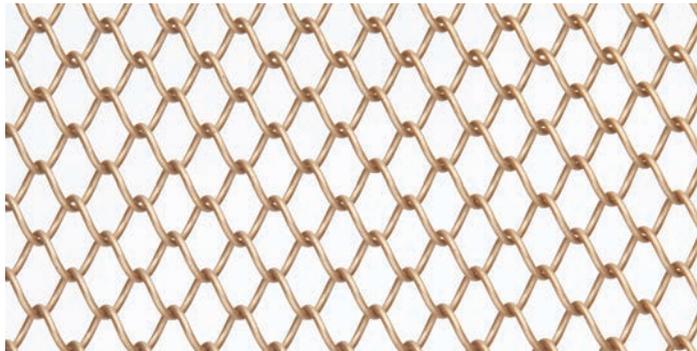
Wire Mesh

TRANSIT 091



MATERIAL	T316 (S/S)
MAX WIDTH	118" (3000mm)
OPEN AREA	76%
WEIGHT	0.54 LB/FT ² (2.64 KG/M ²)
APPLICATIONS	Building Facades, Curtain Ceilings

TRANSIT 100



MATERIAL	Stainless Steel & Mild Steel
MAX WIDTH	118" (3000mm)
OPEN AREA	74%
WEIGHT	0.78 LB/FT ² (3.8 KG/M ²)
APPLICATIONS	Curtains, Internal Features

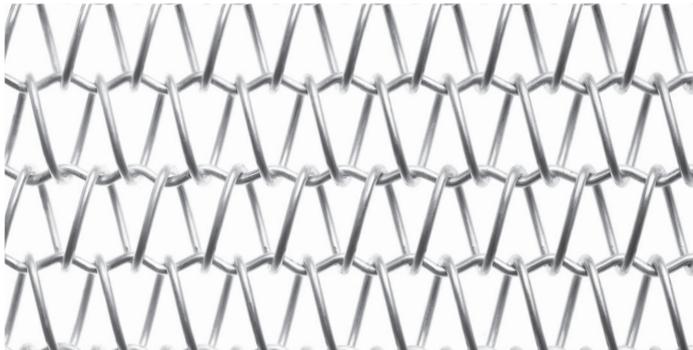
Wire Mesh

TRANSIT 210



MATERIAL	Mild Steel Painted
MAX WIDTH	197" (5000mm)
OPEN AREA	56%
WEIGHT	0.94 LB/FT ² (4.56 KG/M ²)
APPLICATIONS	Building Facades, Curtain Ceilings

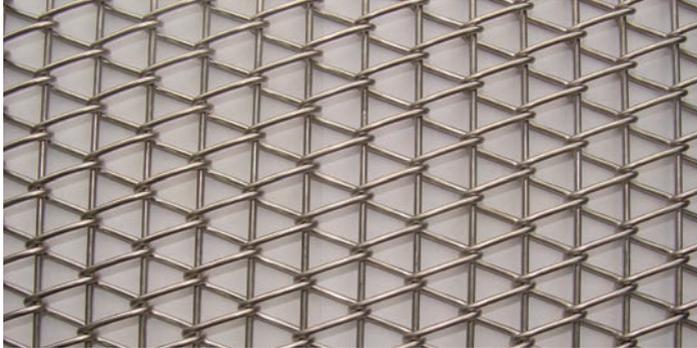
TRANSIT 210



MATERIAL	T316 (S/S), Brass
MAX WIDTH	197" (5000mm)
OPEN AREA	56%
WEIGHT	0.94 LB/FT ² (4.56 KG/M ²) (S/S)
APPLICATIONS	Building Facades, Curtain Ceilings

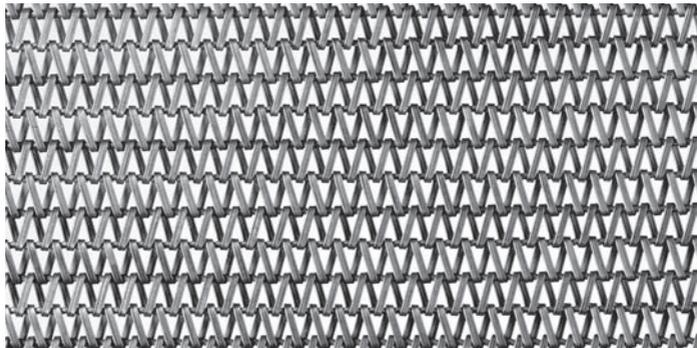
Wire Mesh

TRANSIT 223RR



MATERIAL	T316 (S/S)
MAX WIDTH	157.5" (4000mm)
WEIGHT	1.09 LB/FT ² (10.8 KG/M ²)
APPLICATIONS	Building Facades, Curtain Ceilings

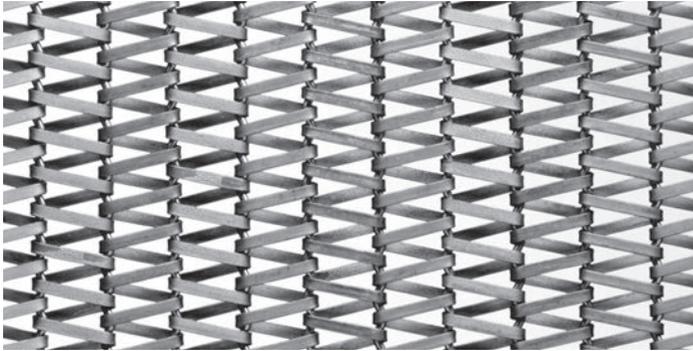
TRANSIT F160



MATERIAL	T316 (S/S)
MAX WIDTH	118" (3000mm)
OPEN AREA	19%
WEIGHT	2.09 LB/FT ² (10.2 KG/M ²)
APPLICATIONS	Facades, Curtains & Sunshades

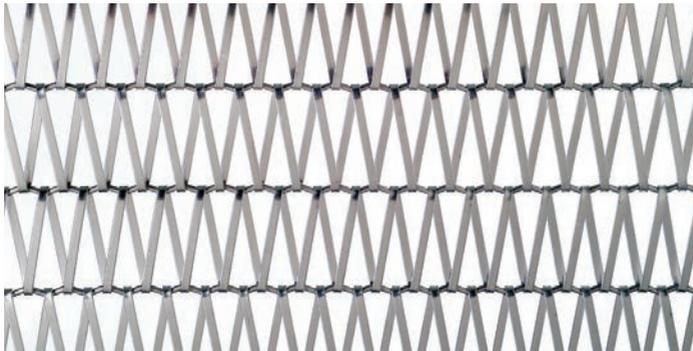
Wire Mesh

TRANSIT F281



MATERIAL	T316 (S/S), Mild Steel Painted
MAX WIDTH	118" (3000mm)
OPEN AREA	30%
WEIGHT	1.76 LB/FT ² (8.6 KG/M ²) (S/S)
APPLICATIONS	Building Facades, Roller Curtains

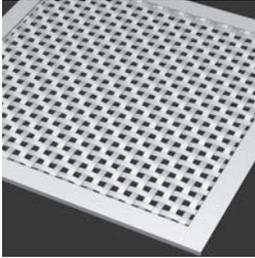
TRANSIT F360



MATERIAL	T316 (S/S)
MAX WIDTH	197" (5000mm)
OPEN AREA	61%
WEIGHT	2.21 LB/FT ² (10.8 KG/M ²)
APPLICATIONS	Building Facades, Features

Attachment Systems

Our attachment systems are held to the same high standards for personality and functionality as every other product we create.



L3.0A Cap System



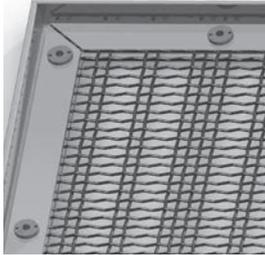
L2.0A Flat Bar System



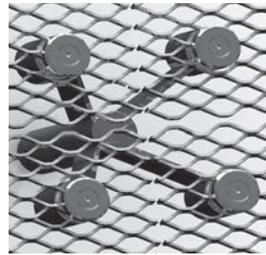
L5.1A Petite Aperture
Tension System



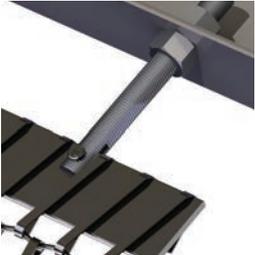
LA 100.1 Atmosphere System



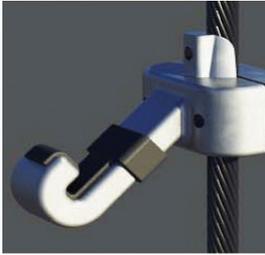
L1.0A Angle System



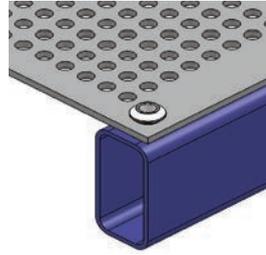
L4.0A Spider System



L5.2 Large Aperture
System



EC1 Clamp



Isolator

Copyright © 2019 Valmont® Industries, Inc. All rights reserved. Valmont® Structures has a policy of continuous product improvement and development. As a result, certain changes in standard equipment, options, price, etc., may have occurred after the publication of this document. Some drawings and specifications may not be identical to current production. Valmont Structures reserves the right to change product design and specifications at any time without incurring obligations.

Notes



28800 Ida Street
Valley, NE 68064-0358 USA

Contact your local Sales Representative today at:
941.402.3554 | 800.825.6668 | facades@valmont.com

valmontstructures.com/facades