



PROGRESS
ARCHITECTURE

METAL FACADES

Architectural mesh and grid systems

+60

CUSTOMERS
IN 60 COUNTRIES
ACROSS THE WORLD

ISO

WE WORK IN
ACCORDANCE WITH EN 1090,
ISO 9001:2015, TUV

35

YEARS OF
EXPERIENCE

3

MANUFACTURING
FACILITIES

+300

A TEAM OF
300 SPECIALISTS

360°

COMPREHENSIVE DESIGN
AND INVESTMENT SUPPORT

**GET A RELIABLE
AND PROFESSIONAL
PARTNER**

DRAW ON OUR KNOWLEDGE AND EXPERIENCE

LET'S TAKE CARE OF OUR ENVIRONMENT TOGETHER

- Reduction of solar exposure and energy consumption.
- Effective production processes and waste reduction.
- Recyclable materials.



MORE THAN

230 PATTERNS OF METAL ARCHITECTURAL MESHES AND GRIDS



WIDE RANGE OF MATERIALS

Stainless steel, low carbon steel, galvanised steel, copper, brass, bronze, aluminium, Pro-ZINAL®.



FINISHING AND COLOURS

Full RAL palette, HWF and PVDF custom colours, anodising.



PERSONALISED IMPRINT

Logo or personalised artwork directly on the mesh / grid.



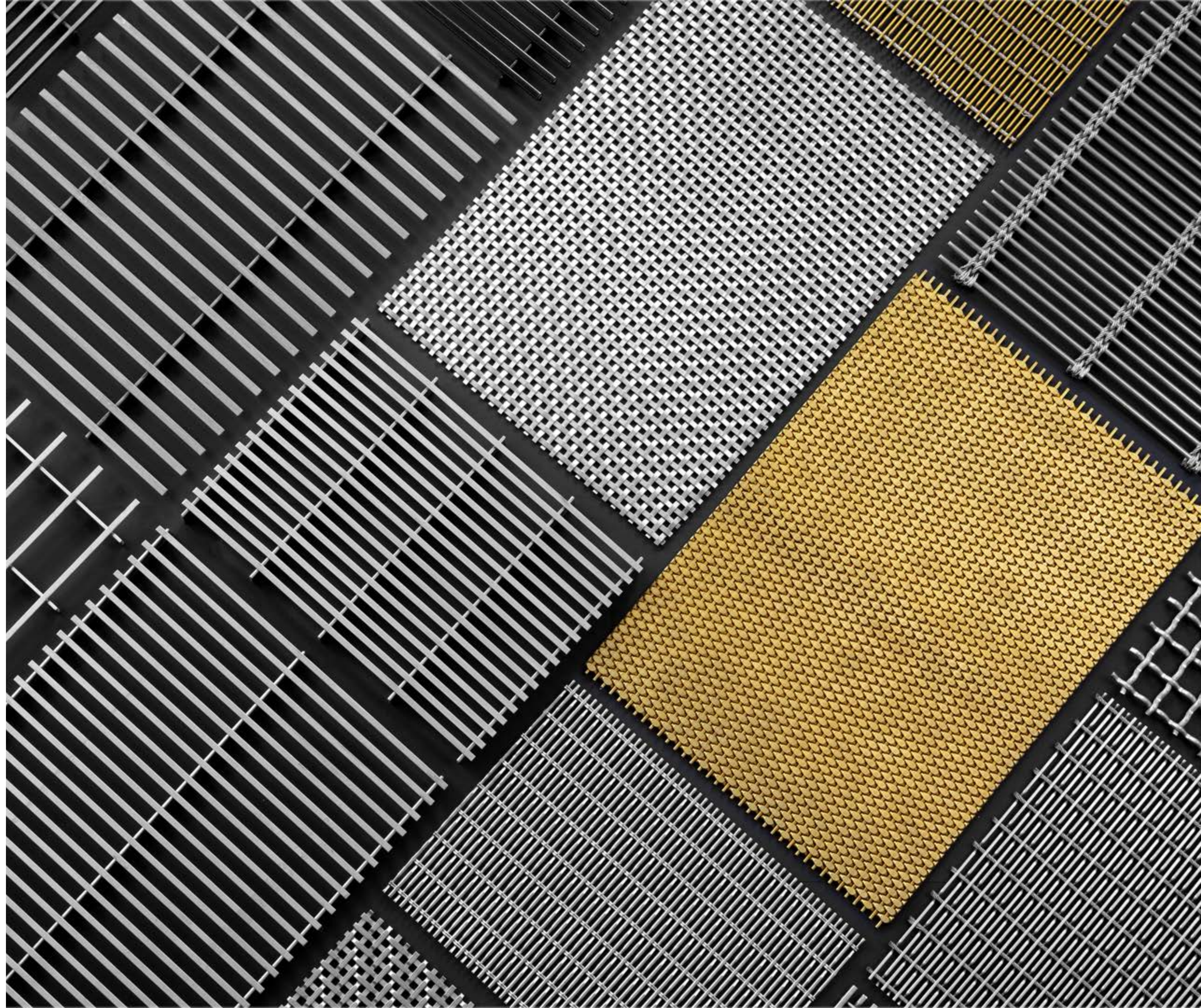
LARGE FORMAT PANELS

Up to 4 m wide and 30 m long.



HIGH RESISTANCE

to mechanical damage and changeable weather conditions.





WHY PROGRESS ECO?

EXPLORE THE BENEFITS



UNIQUE DESIGN

Transparent nature of metal meshes and grids allows you to create unique spatial effects.



EFFECTIVE VENTILATION

The open-work structure allows you to take advantage of the natural air circulation and provides effective ventilation of the facade walls.



SOLAR PROTECTION

Adequate shading reduces the level of heating on the facade, reduces energy costs, and does not restrict the view from the inside.



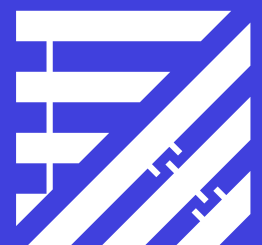
SUSTAINABLE USE

Thanks to the high resistance to weather and mechanical damage, the long-lasting effect does not require additional maintenance and investment.



FLEXIBLE SOLUTIONS

The right choice of designs, parameters, materials, finishes, and fastening systems allows you to stick to both the design and the budget objectives.



PROGRESS
ARCHITECTURE

METAL FACADES

Framed and tensioned systems dedicated
to the ASTRO WAVE woven mesh

TENSIONED SYSTEM

ASTRO STRETCHED

Use large-area mesh panels. Give facades unique spatial effects and provide them with effective sun protection.

The STRETCHED tensioning system makes it possible to tension woven meshes with rope in any plane. It consists of top and bottom fixings and intermediate brackets. There are dedicated types of fixings for each model of mesh. Adequate mesh open area ensures optimal shading. Natural ventilation of the facade reduces the risk of overheating of the inter-facade space in double layer facade construction.



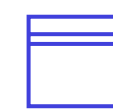
Can be imprinted with any graphics and colour.



Max. panel size:
4 000 × 30 000 mm.



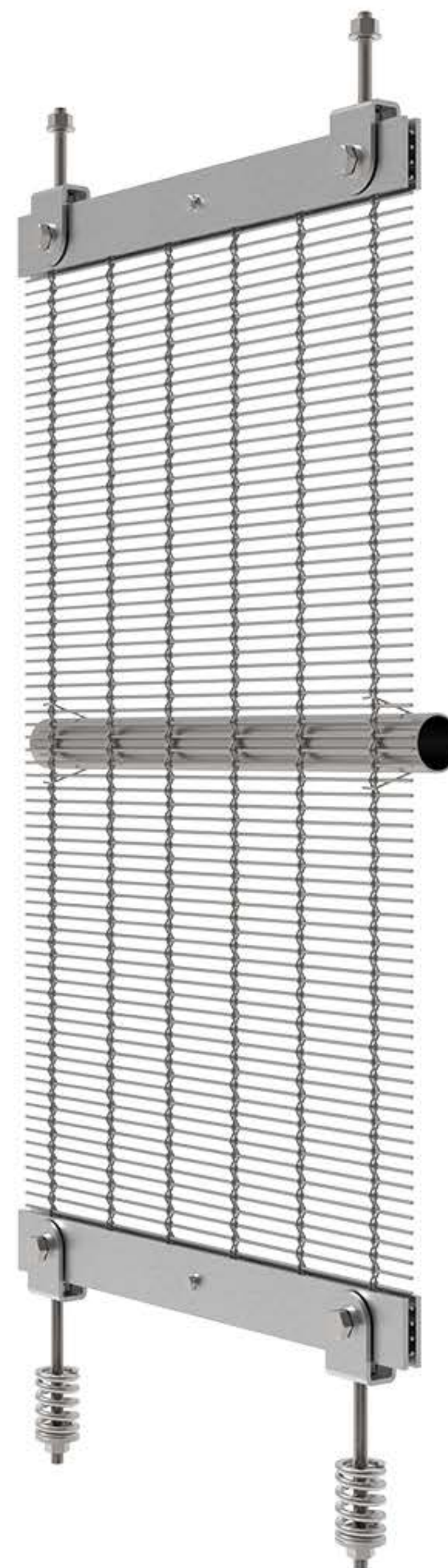
Natural inter-facade ventilation.



Open area:
20-95 %.



Spatial
3D effects.



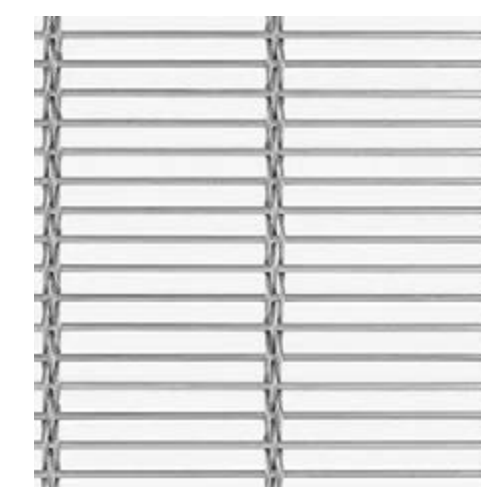
FIXING SYSTEM EXAMPLE FLAT BAR Fixing type

System fork hanger

Top fixing
clamped into two flat bars.

Intermediate fixing
Wire mounting bracket.

Mesh pattern sample



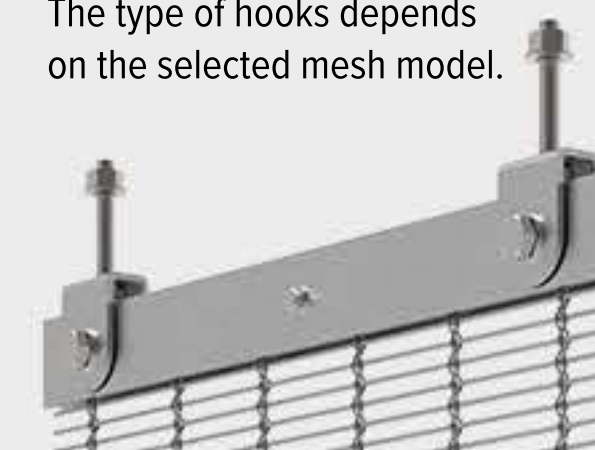
Woven wire mesh
SAGITTARIUS P11320.

Bottom fixing
clamped into two flat bars.

System fork hanger
and tension springs.

DEDICATED FIXING TYPES

The type of hooks depends on the selected mesh model.



FLAT BAR Fixing type



ROD Fixing type



COMB Fixing type



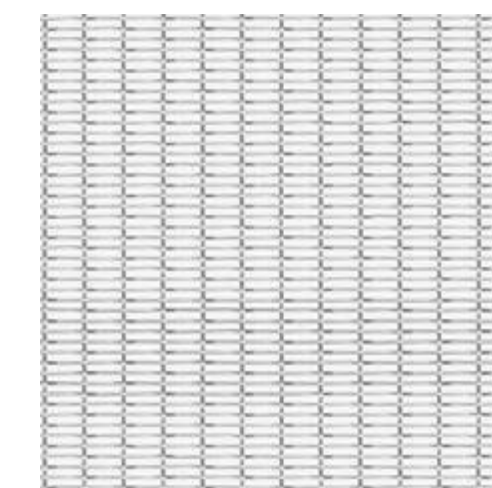
SANDWICH Fixing type



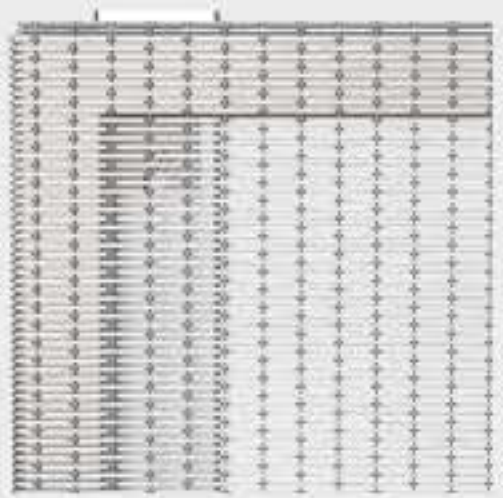
Large-area facades with personalized graphics

ASM Clermont Auvergne

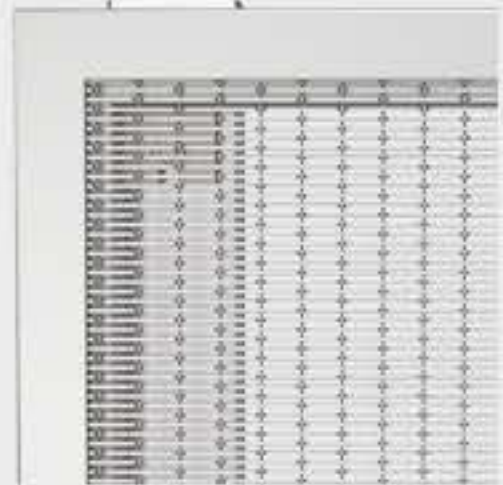
Location **Clermont-Ferrand / FRANCE**
Mesh **VIRGO P07030**
System **STRETCHED**



Product: steel woven mesh
VIRGO P07030.
ASTRO product line.



Frame made of stainless steel.
Mesh stretched over the frame.



Frame made of stainless steel.
Mesh inserted into profiles.

Mesh pattern sample



Woven mesh with a rope
AQUARIUS P10011.



FRAME SYSTEM

ASTRO FRAMED

Put different patterns of architectural mesh formats together. Arrange a unique composition. Give the facade an original and durable character.

The frame system FRAMED allows for the attachment of woven meshes made of round or flat wires. The mesh can be fixed in the frame or on the frame. Depending on the function and desired visual effect, the panels can have different infills, formats, and shapes. Hanger substructure as in classic ventilated facades. Natural ventilation of the façade reduces the risk of overheating of the inter-facade space in double layer facade construction. The system makes it possible to plug the panels into post and beam facades and element facades.



Ability to use **different mesh patterns** on a single facade.



Can be imprinted with any graphics and colour.



Max. panel size:
4 000 × 3 000 mm.



Natural inter-façade ventilation.



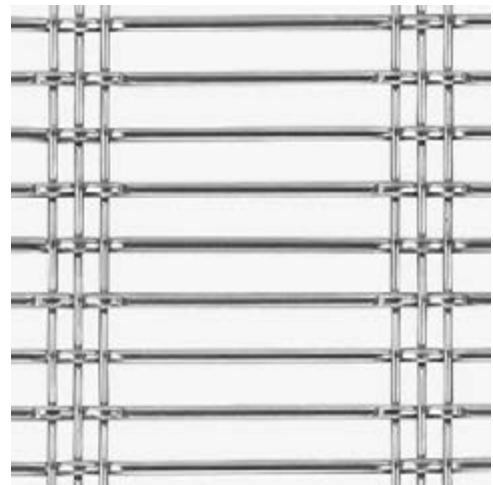
Open area:
20-95 %.

Facade panel mosaic made of woven meshes

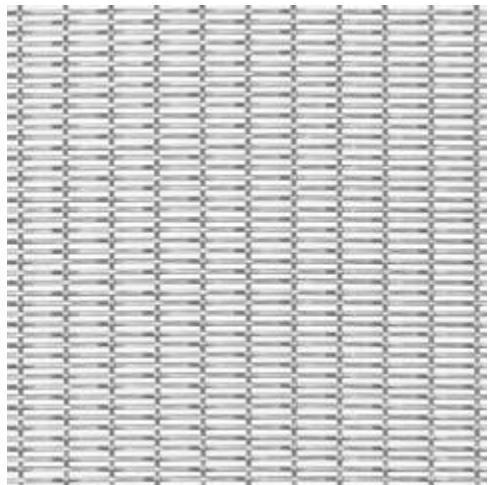
Honfleur shopping center

Location	Honfleur / FRANCE
Mesh	SCORPIO P04015 VIRGO P07020 TAURUS P02070
System	FRAMED

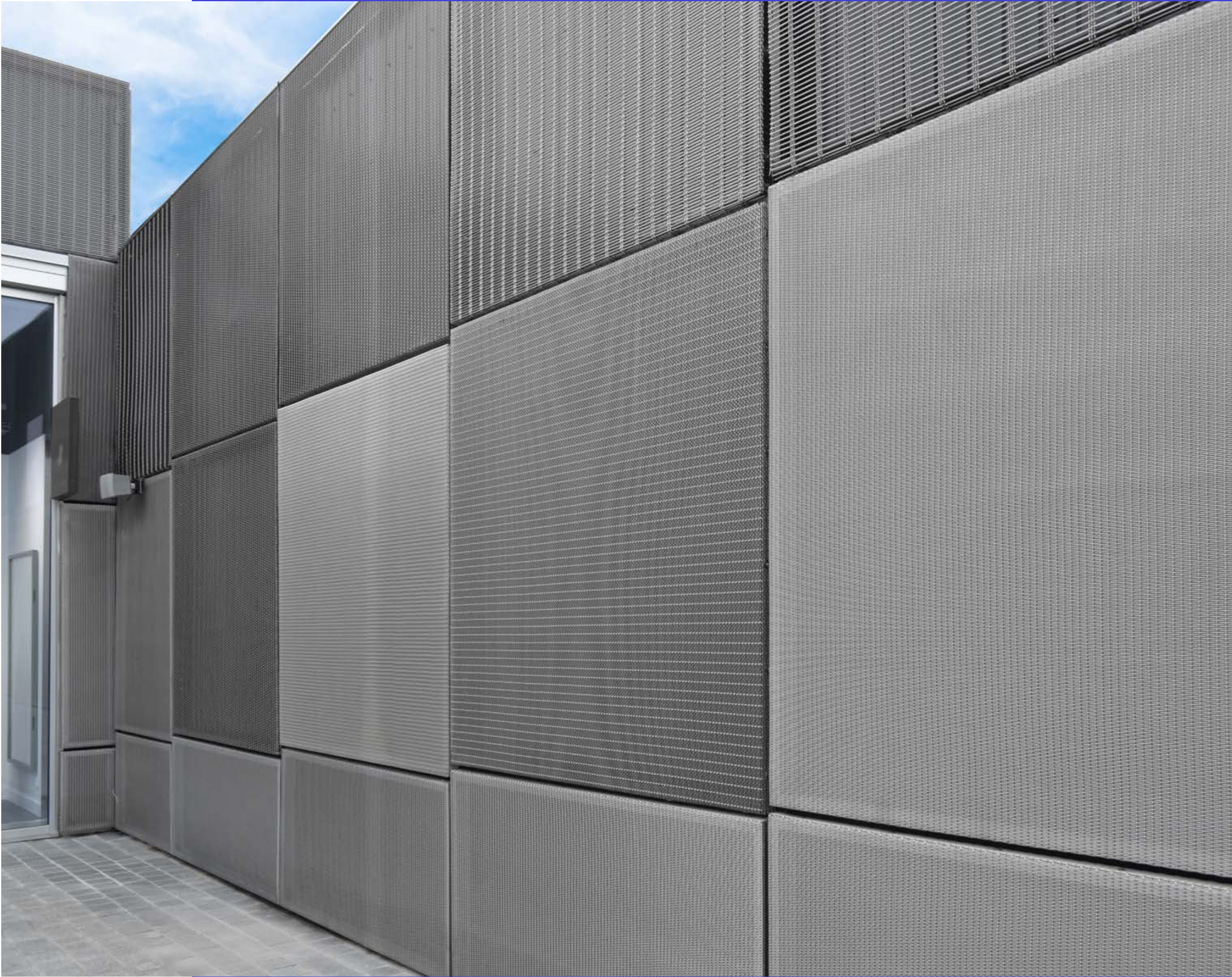
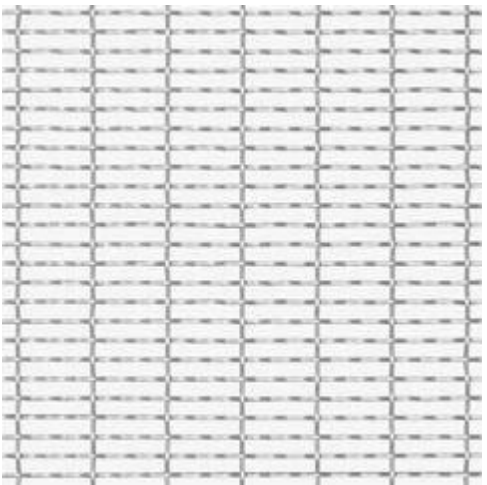
Product: steel woven mesh SCORPIO P04015. ASTRO product line.

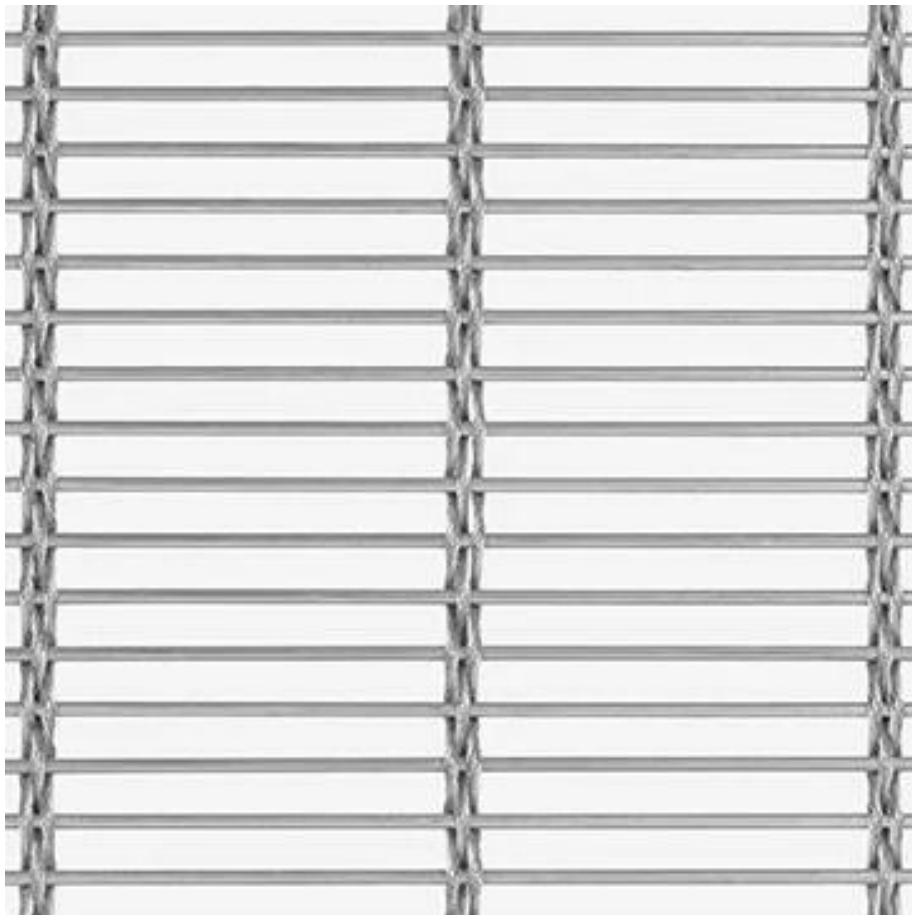


Product: steel woven mesh VIRGO P07020. ASTRO product line.



Product: steel woven mesh TAURUS P02070. ASTRO product line.





SAGITTARIUS P11320

Open area: **66,1 %**
Weight: **6,1 kg/m²**
Mesh: **7,5 × 74 mm**

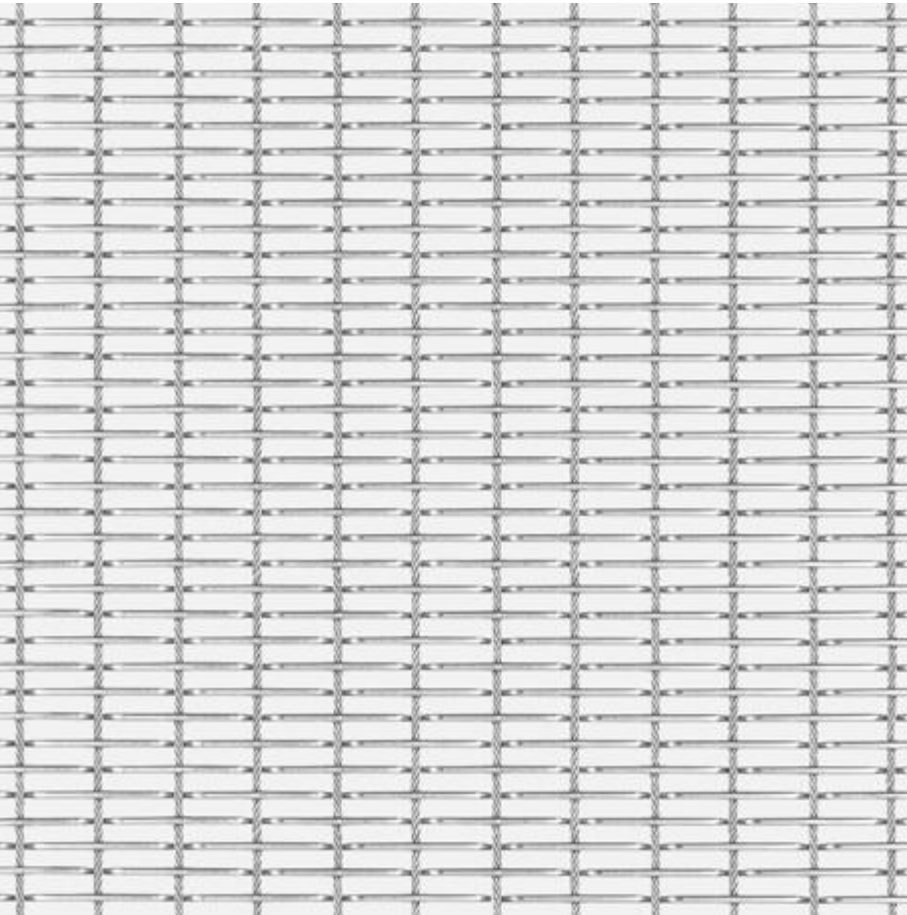
Material: **SN**
System: **S F**



SATURN PO5130

Open area: **50,6 %**
Weight: **5,3 kg/m²**
Mesh: **2,0 × 15,5 mm**

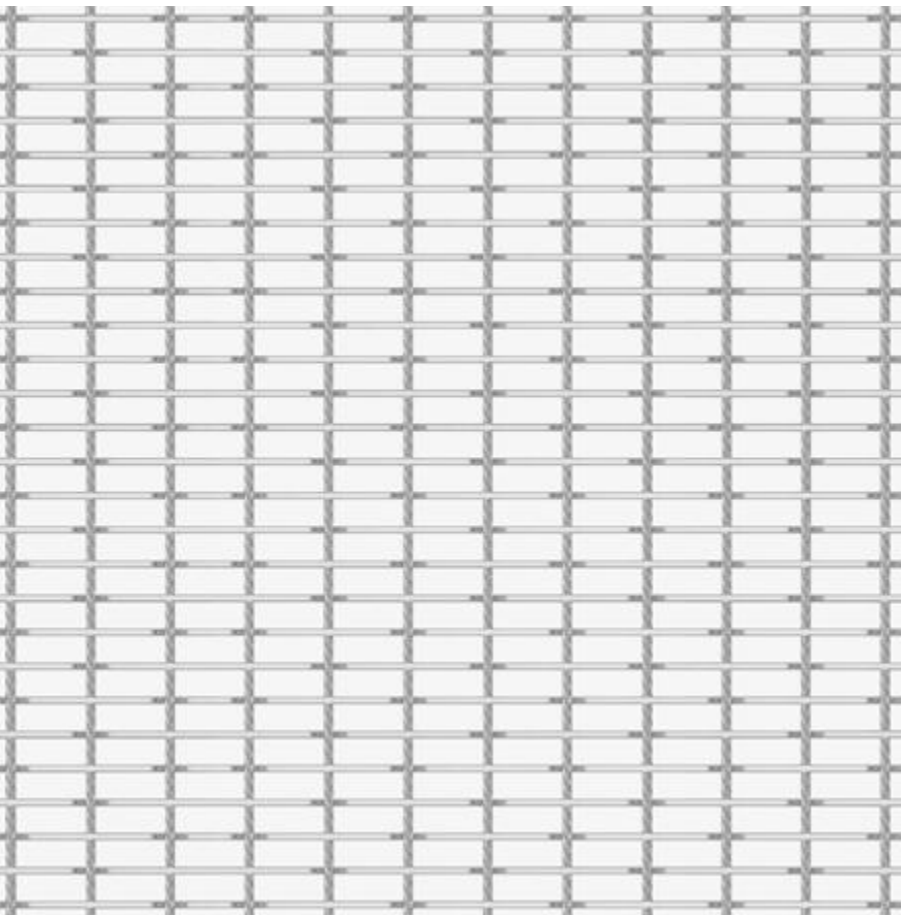
Material: **SN**
System: **S F**



SATURN PO5131

Open area: **64,4 %**
Weight: **3,7 kg/m²**
Mesh: **4,0 × 15,5 mm**

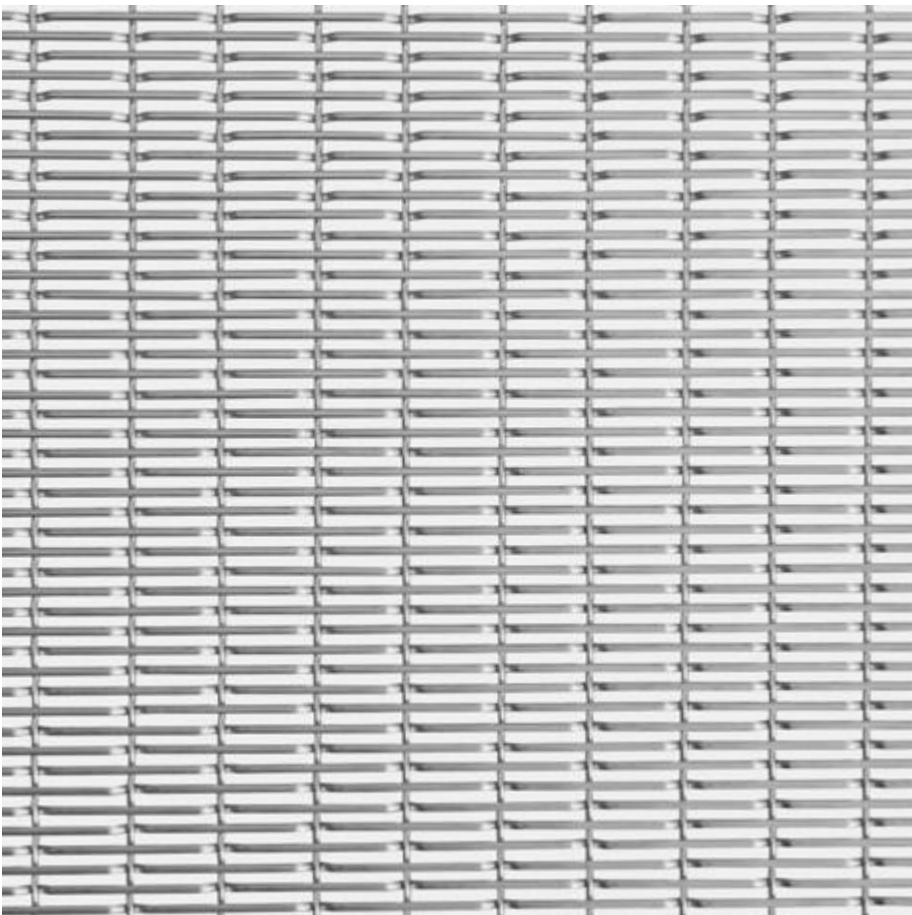
Material: **SN**
System: **S F**



SATURN PO5136

Open area: **70,9 %**
Weight: **3 kg/m²**
Mesh: **6,0 × 15,5 mm**

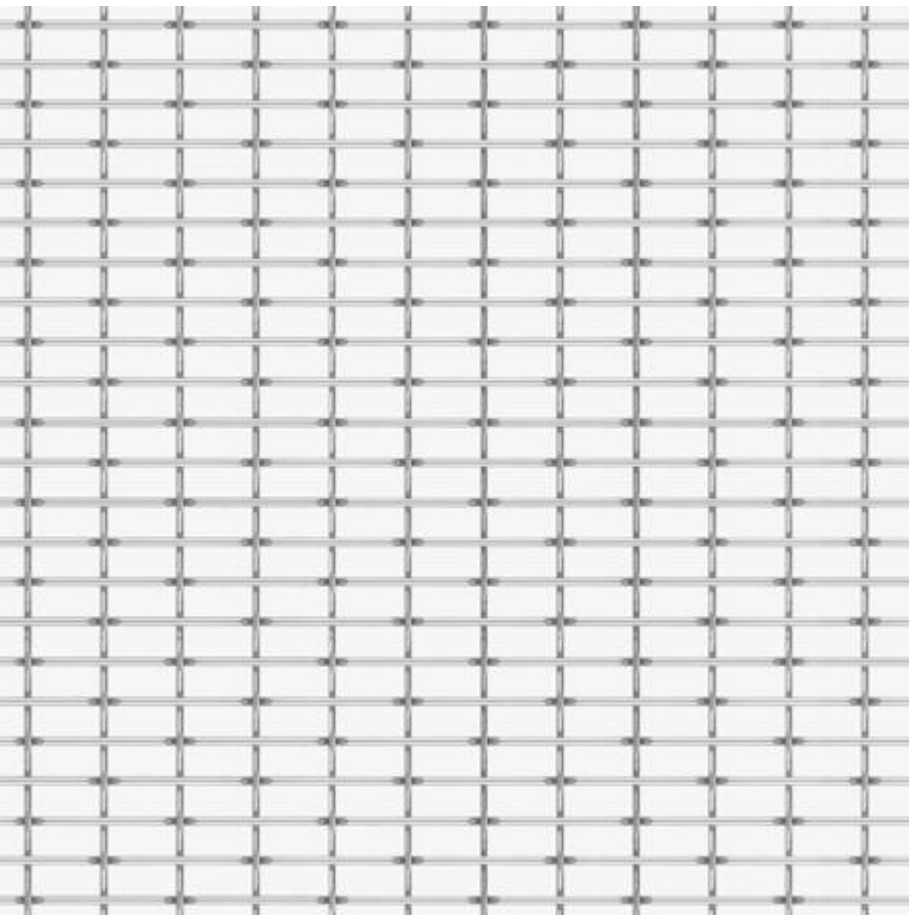
Material: **SN**
System: **S F**



LEO PO6030

Open area: **45,6 %**
Weight: **2,6 kg/m²**
Mesh: **2,0 × 15,5 mm**

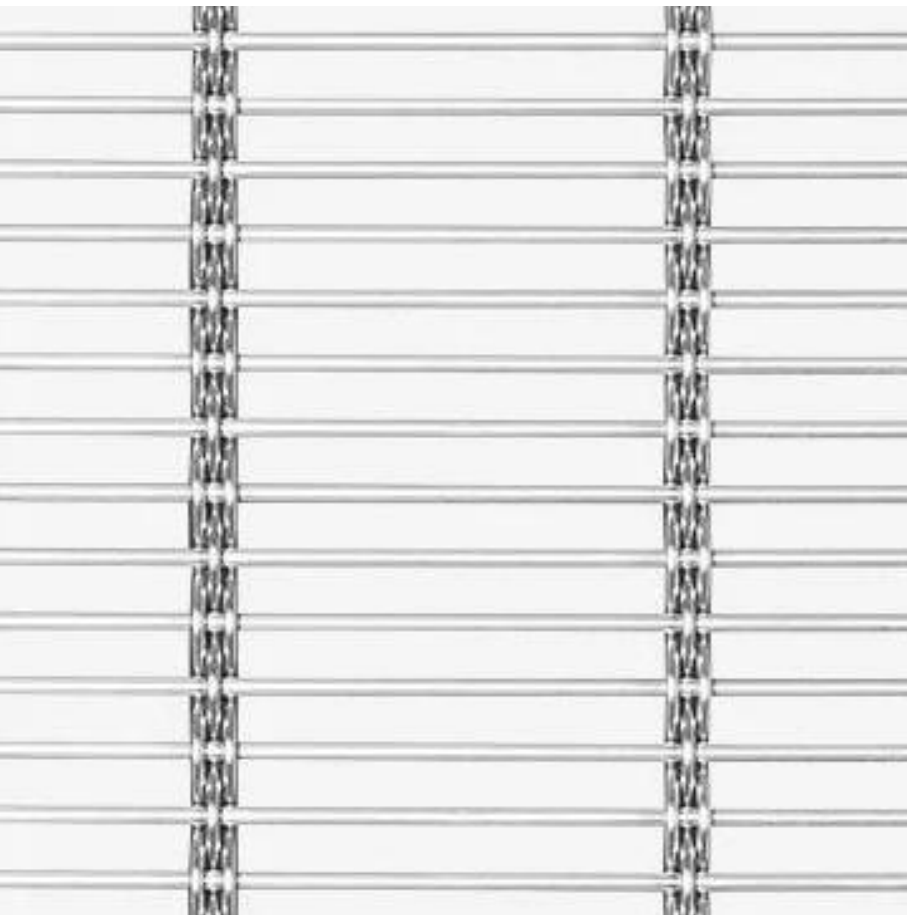
Material: **SN O AL C B**
System: **S F**



LEO PO6075

Open area: **79,9 %**
Weight: **1,3 kg/m²**
Mesh: **7,0 × 15,5 mm**

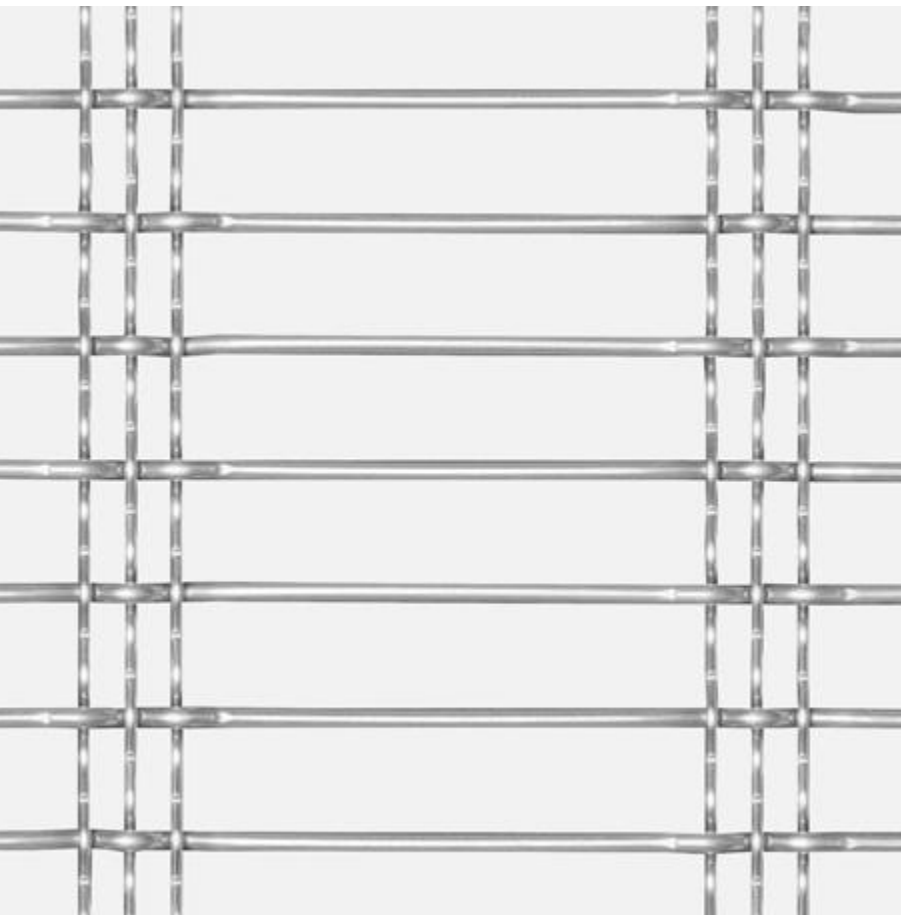
Material: **SN O AL C B**
System: **S F**



AQUARIUS P10020

Open area: **66,1 %**
Weight: **6,6 kg/m²**
Mesh: **74 × 7,5 mm**

Material: **SN O AL C B BR PR**
System: **S F**



SCORPIO PO4010

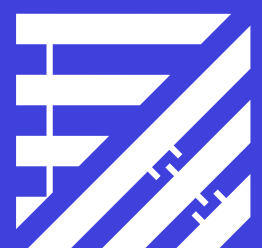
Open area: **80,0 %**
Weight: **3,8 kg/m²**
Mesh: **18 × 84 mm**

Material: **SN O PR**
System: **S F**

EXAMPLES OF
MESH
PATTERNS
MORE THAN 170 PATTERNS
OF WOVEN MESHES

- Available mesh materials:
- SN** STAINLESS STEEL
 - SW** CARBON STEEL
 - O** GALVANISED STEEL
 - AL** ALUMINIUM
 - C** COPPER
 - B** BRASS
 - BR** BRONZE
 - PR** Pro-ZINAL®

- System:
- S** STRETCHED
 - F** FRAMED



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METAL FACADES

Facade systems dedicated
to SCREEN DECO welded grids

HANGER SYSTEM

DECO HOOK

Take advantage of the unique features of architectural grids and distinguish the facade with the modern aesthetics. Take care of the details with rounded corners and variable open area.

The HOOK system is dedicated to fixing welded grids made of profile wires with a triangular cross section. The facade panels are hung on the support structure with special locks cut in the grid crossbars, which ensures fast and simple installation. A unique solution is the ability of obtaining a variable slot on the same panel. Natural ventilation of the facade reduces the risk of overheating of the inter-facade space in double layer facade construction.



Wide range of different width profiles.



Bespoke slot selection available.



Mounting system as in ventilated facades.



Max. panel size: 2 000 × 3 000 mm.



Open area: 20-95 %.



Grid pattern sample

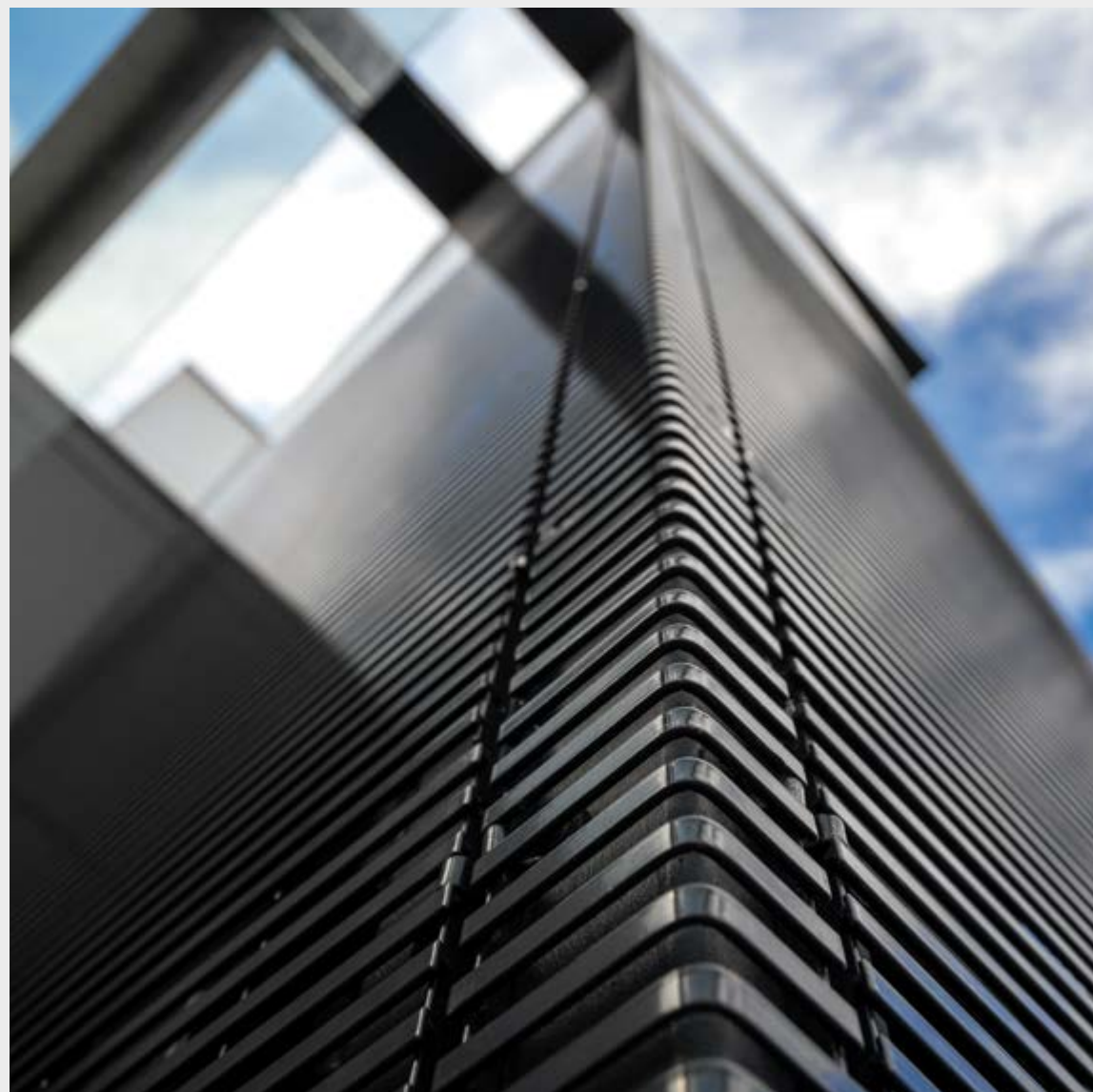


Welded grid RADIUS Z10115.



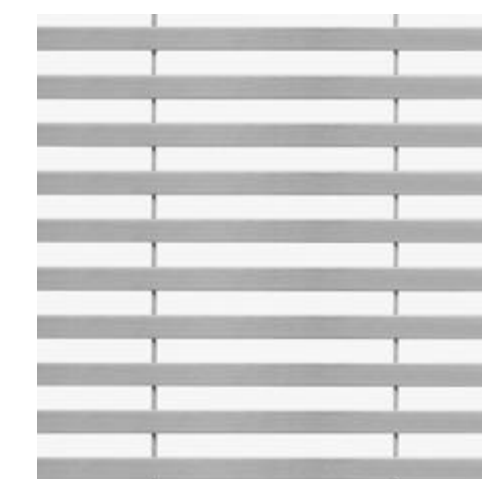
Mounting locks cut into the grid support rod.

Second skin made of architectural welded grid



MOlecoLAB - Łódź Centre for Molecular Research of Lifestyle Diseases

Localization **Łódź / POLAND**
Grid **ARRAS D08100**
System **PP**
Workshop **Architekton / Andrzej Szurmak**



Product: steel grid
ARRAS D08100.
SCREEN DECO
product line.

FRAMELESS SYSTEM

DECO PP

Save money by quickly mounting the panels directly to the building wall*.
Take advantage of the grid structure and revitalise the facade with a green element.

The PP system allows for fixing architectural welded grids made of profile wires with a triangular cross section. Direct mounting ensures maximum proximity to the building wall. Dedicated as a substructure for living green facades in facilities. A unique solution is the ability of obtaining a variable slot on the same panel.

* For the installation of DECO panels, a substructure, designed according to Progress Architecture guidelines, is required

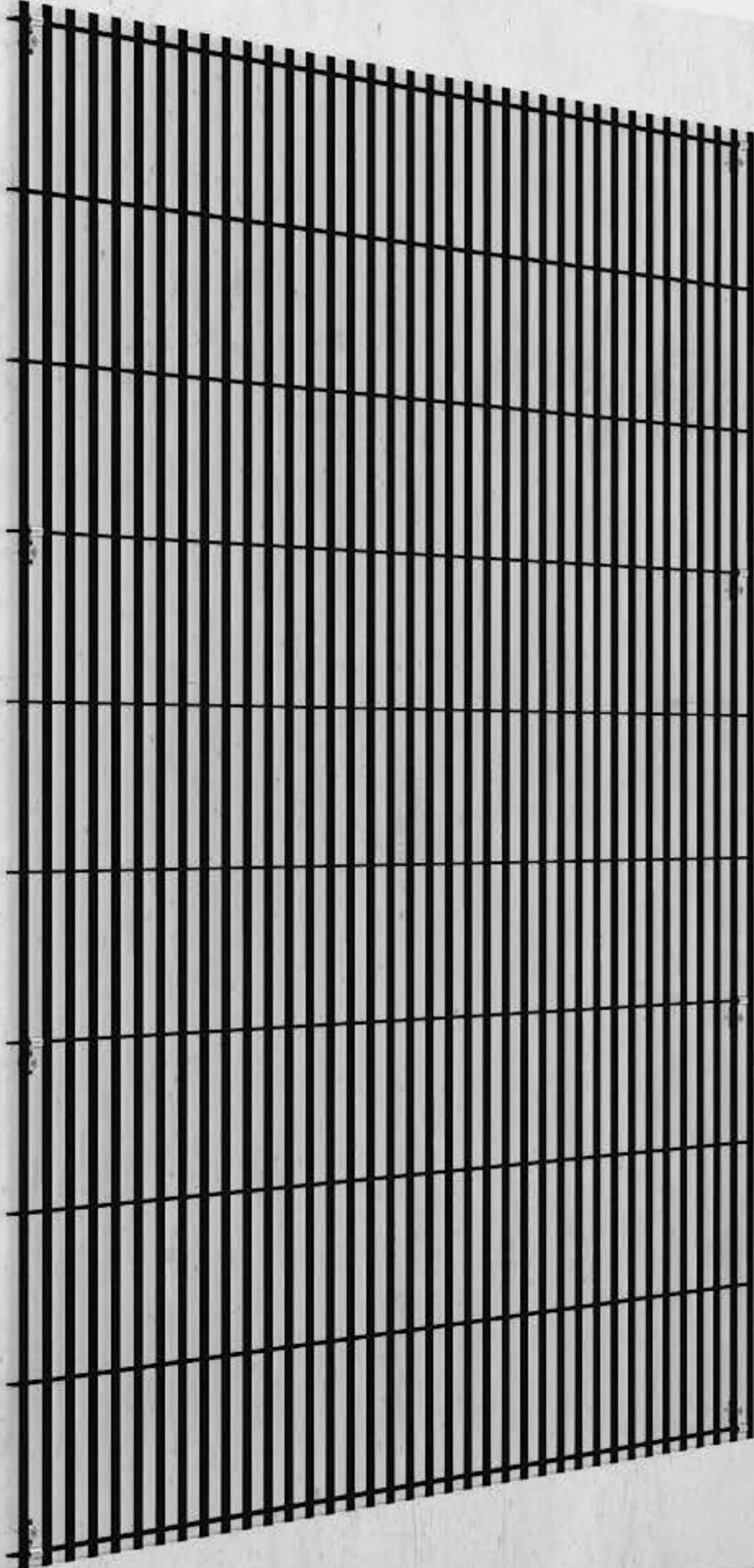
Grid pattern sample



Welded grid RADIUS Z10115.



Mounting clip.



Bespoke slot
selection available.



Wide range of different
width **profiles**.



Mounting system as
in ventilated facades.

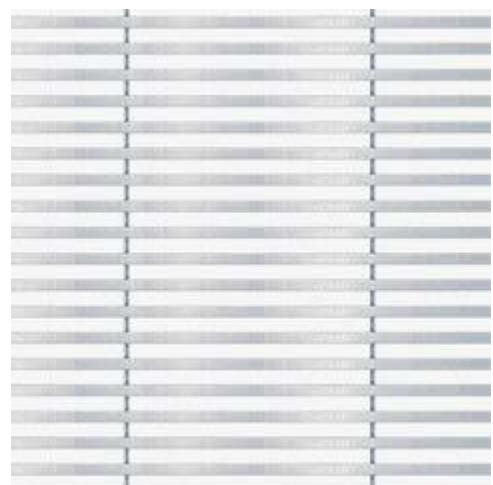
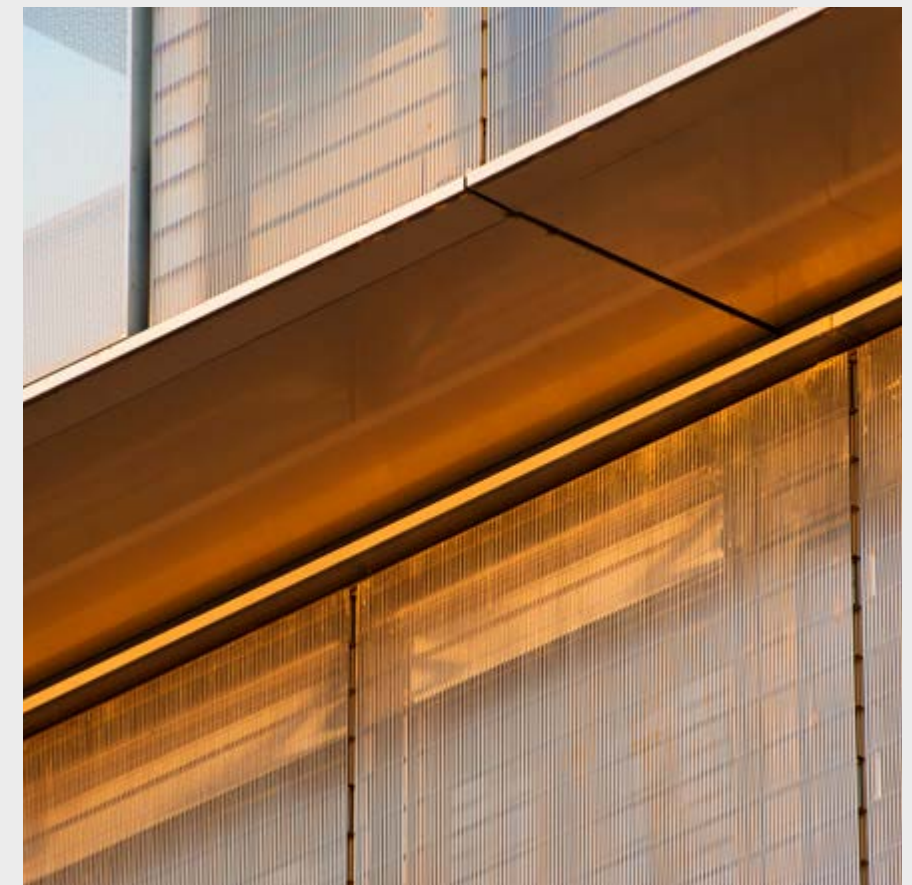


Max. panel size:
2 000 × 3 000 mm.



Open area:
20-95 %.

Decorative panels with sun protection function



Product: steel grid
RADIUS Z08050.
SCREEN DECO product line.

The headquarters of Orange le Bridge

Localization **Issy-les-Moulineaux / FRANCE**
Grid **RADIUS Z08050**
System **PP**



EXAMPLES OF

GRID PATTERNS

MORE THAN 40 PATTERNS
OF ARCHITECTURAL GRIDS

- Available grid materials:
- SN

STAINLESS STEEL
- SW

CARBON STEEL
- O

GALVANISED STEEL
- AL

ALUMINIUM
- C

COPPER
- B

BRASS
- BR

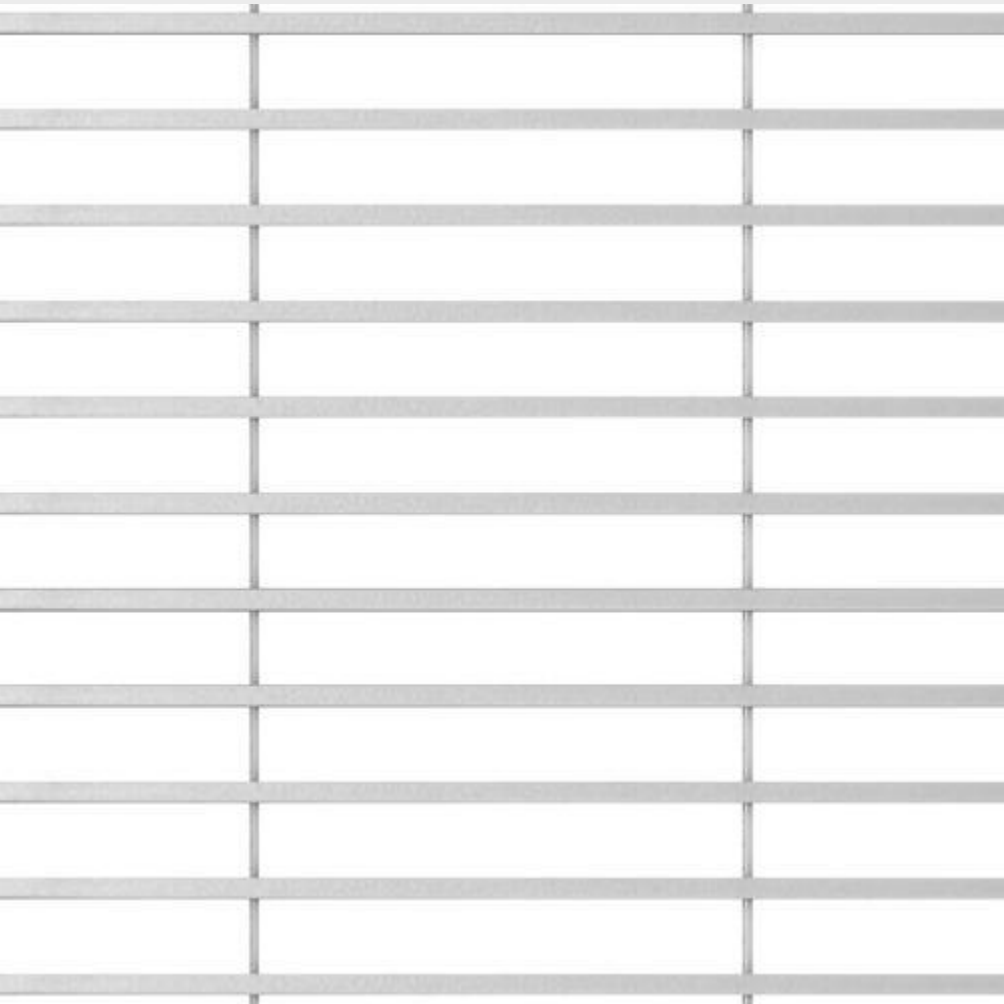
BRONZE
- PR

Pro-ZINAL®

- System:
- H

HOOK
- P

PP



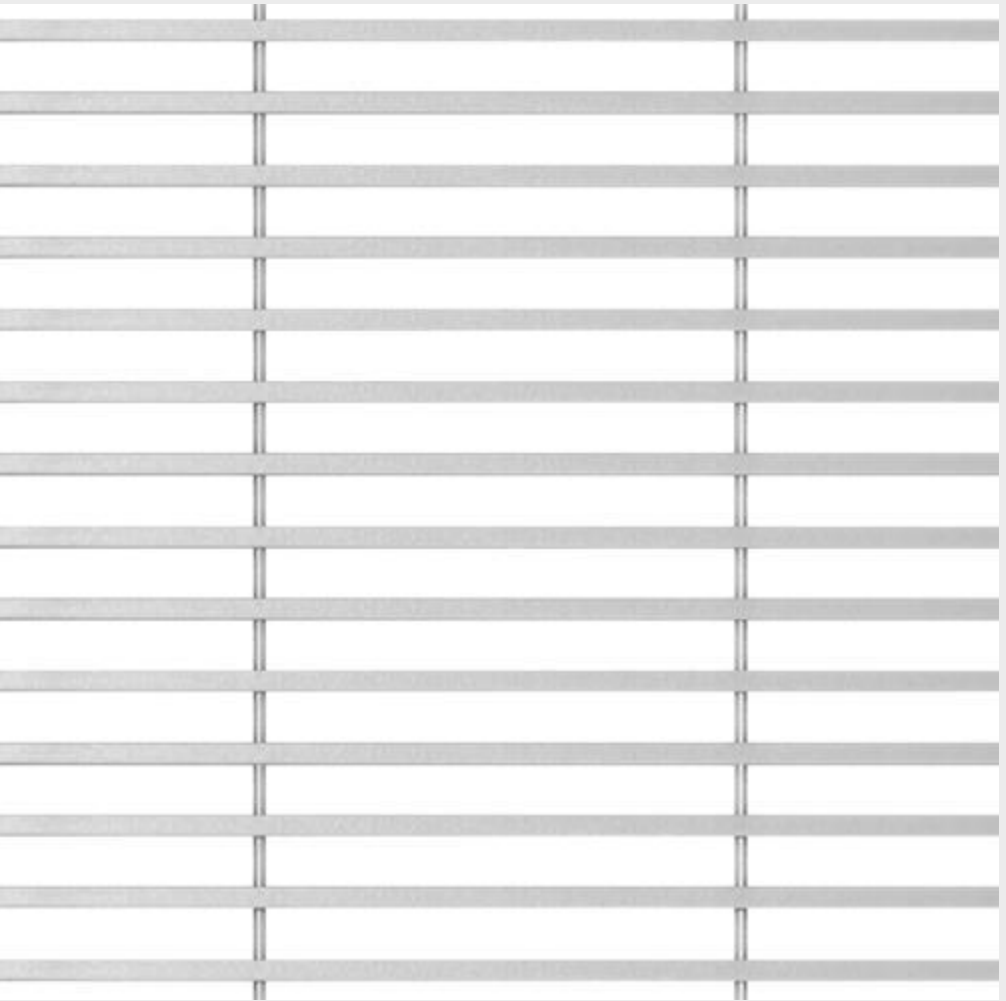
RADIUS Z10155
Open area: **77 %**
Weight: **6,1 kg/m²**
Slot: **15,5 mm**
Material: **PR**
System: **H P**



RADIUS Z10080
Open area: **65 %**
Weight: **7,9 kg/m²**
Slot: **8 mm**
Material: **PR**
System: **H P**



ARRAS D08100
Open area: **54 %**
Weight: **8,6 kg/m²**
Slot: **10 mm**
Material: **PZ**
System: **H P**



RADIUS Z10105
Open area: **70 %**
Weight: **6,9 kg/m²**
Slot: **10,5 mm**
Material: **PR**
System: **H P**



ARRAS D08160
Open area: **66,6 %**
Weight: **6,8 kg/m²**
Slot: **16 mm**
Material: **PZ**
System: **H P**



PROGRESS
ARCHITECTURE

FEATURED PROJECTS

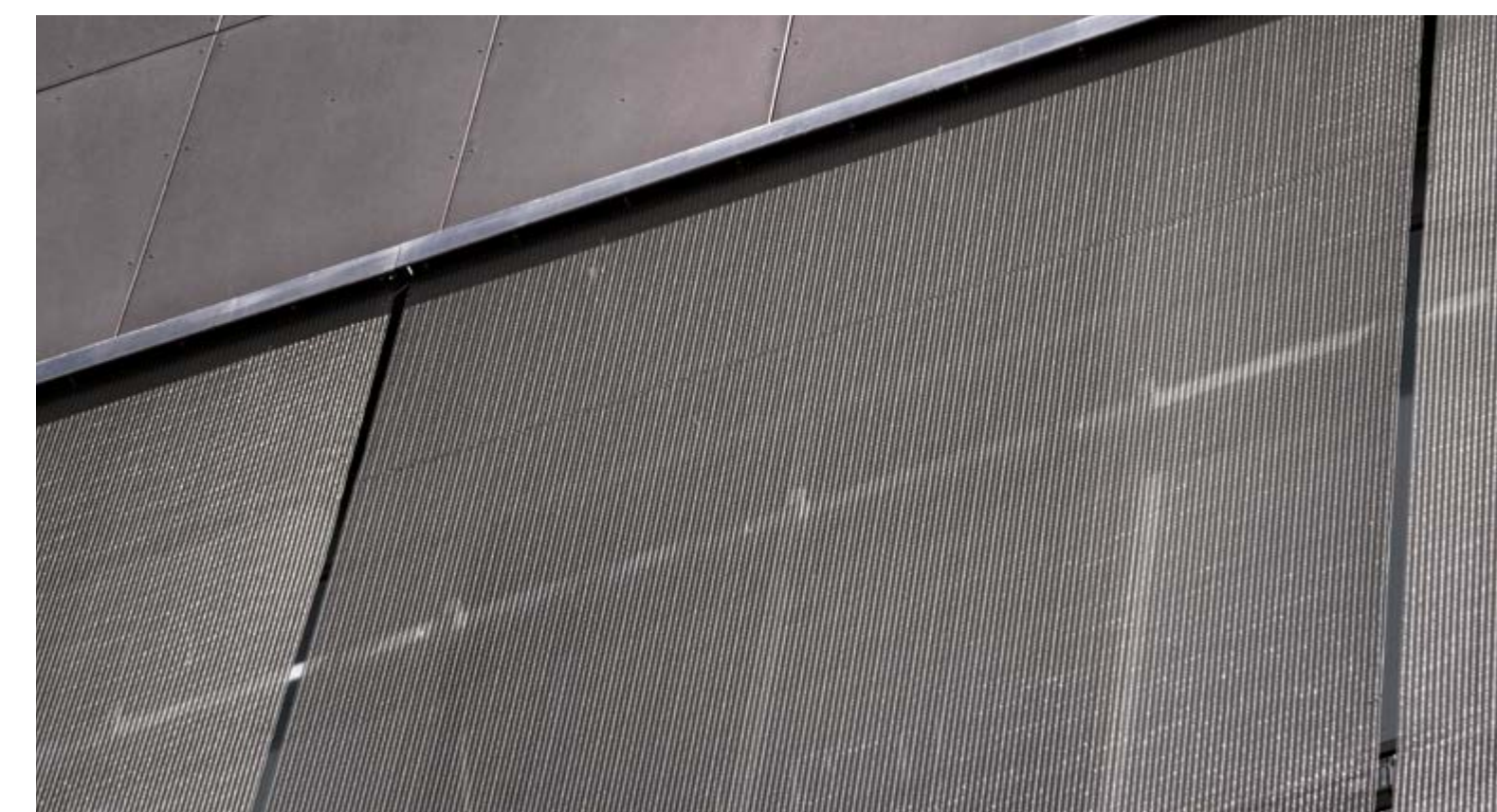
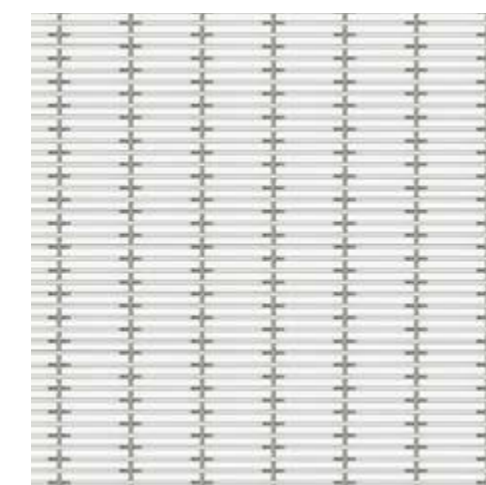
with architectural meshes and grids

Second skin with solar protection function

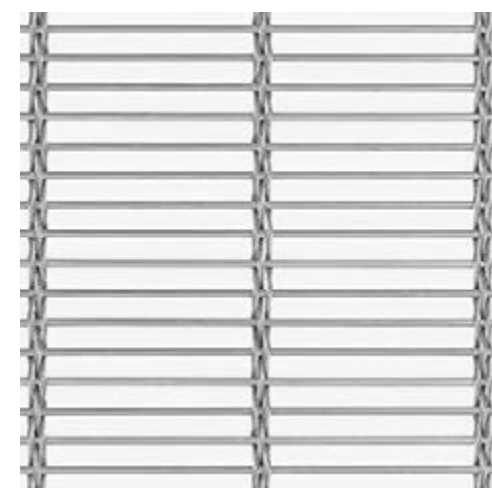
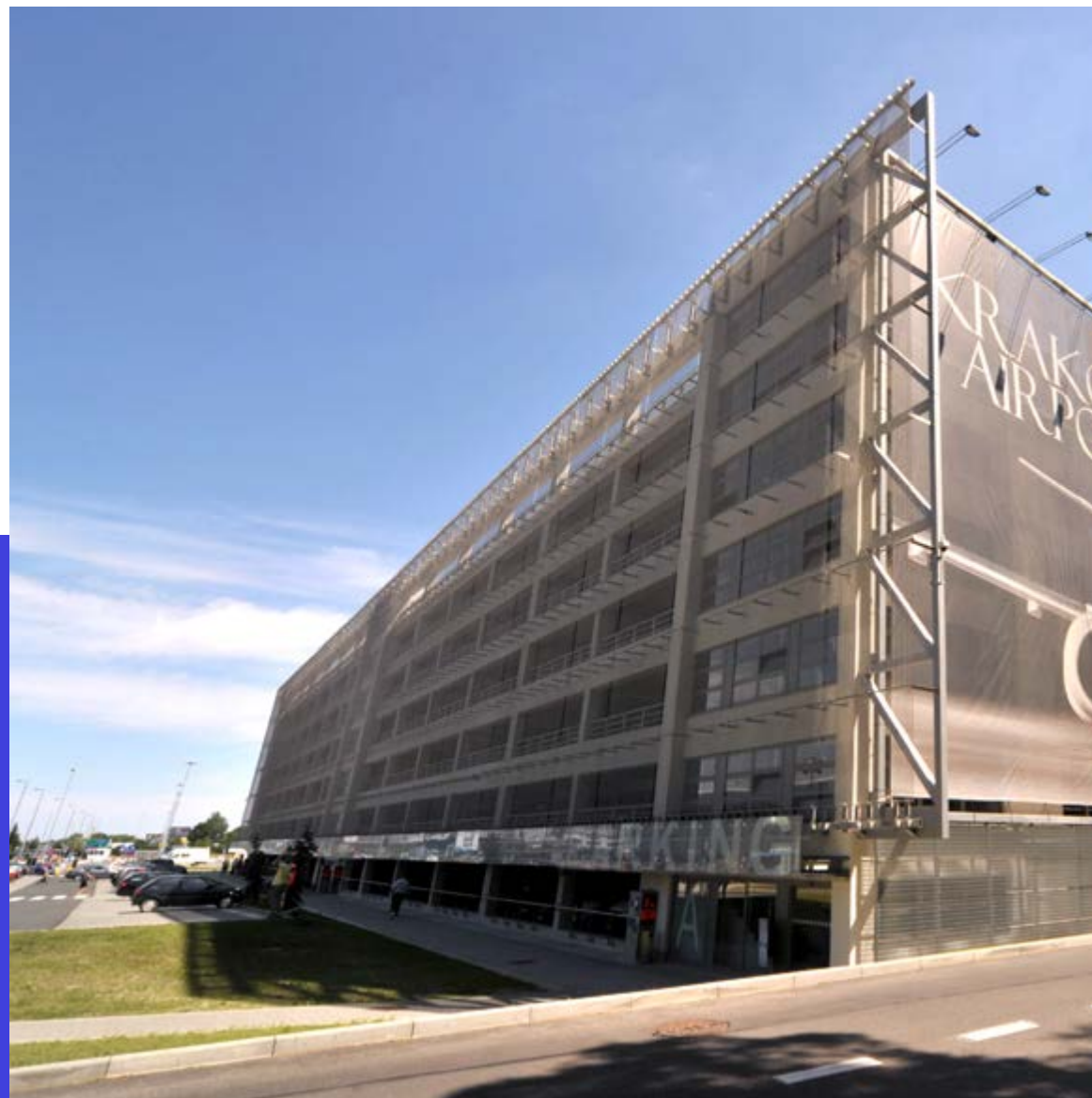
Catholic University of Lublin

Location	Lublin / POLAND
Mesh	SATURN P05120
System	STRETCHED
Workshop	Bieńkowski Lis Mierzwa Architekci

Product: steel mesh
SATURN P05120.
ASTRO product line.



Parking garage facade with fall protection function



Product: steel mesh
SAGITTARIUS P11320.
ASTRO product line.

Kraków International Airport (Balice)

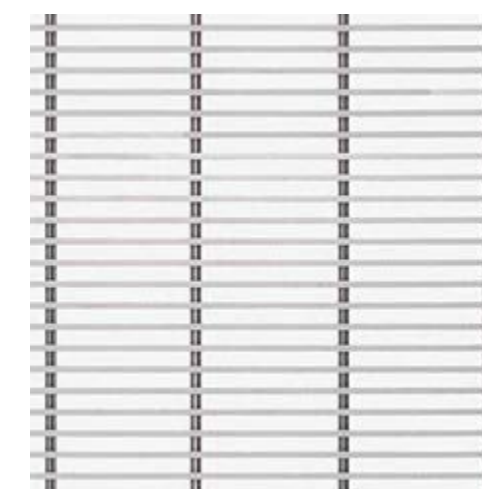
Location **Kraków / POLAND**
Mesh **SAGITTARIUS P11320**
System **STRETCHED**



Second skin

Museum of Engineering and Technology in Kraków

Location **Kraków / POLAND**
Grid **RADIUS Z07050**
System **PP**



Product: steel grid
RADIUS Z07050.
SCREEN DECO product line.



Second skin with solar protection function

Kielce Trade Fairs

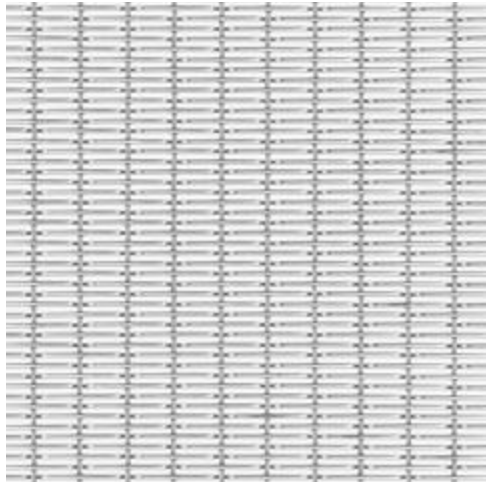
Location **Kielce / POLAND**
Mesh **SAGITTARIUS P11320**
System **STRETCHED**



Product: steel woven mesh
SAGITTARIUS P11320.
ASTRO product line.



Decorative
function

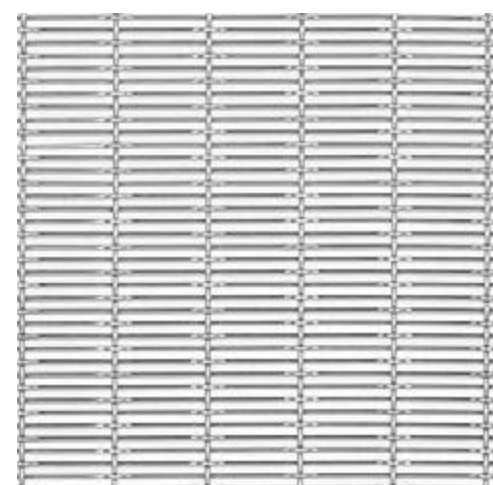


Product: steel mesh
SATURN P05130.
ASTRO product line.

Honfleur shopping center
Location Solingen / GERMANY
Mesh SATURN P05130
System STRETCHED



Decorative woven mesh panels



Product: steel mesh
LEO P06040.
ASTRO product line.

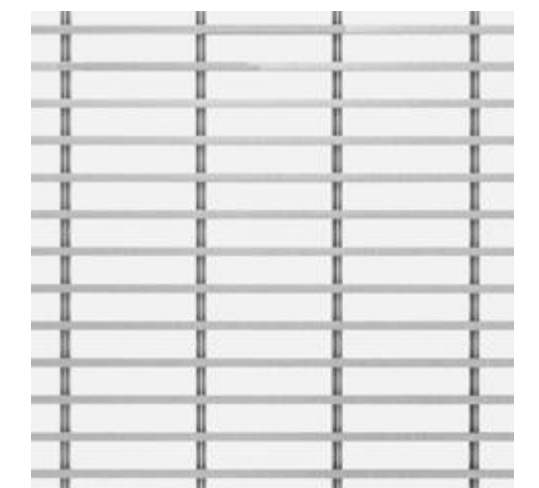
Distrito Armida office building

Location	MEXICO
Mesh	LEO P06040
System	STRETCHED

Facade made of architectural grid with advertising screen function

Galeria Echo Shopping Centre

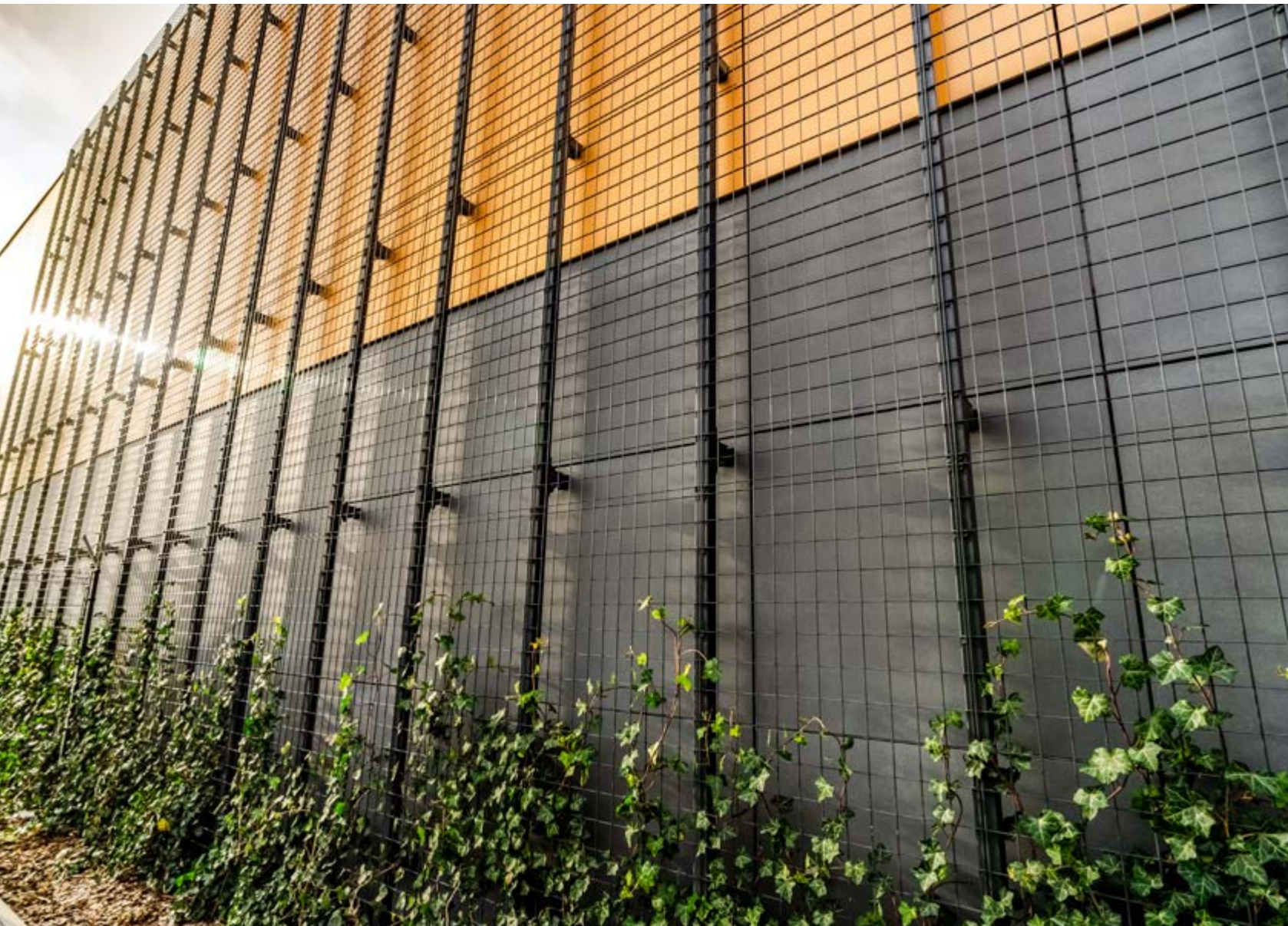
Location **Kielce / POLAND**
Grid **RADIUS P07100**
System **PP**
Workshop **Pracownia Architektoniczna
Detan**



Product: steel grid
RADIUS P07100.
SCREEN DECO product line.



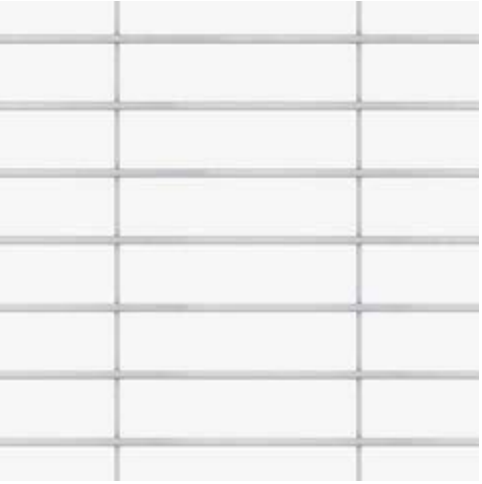
Panels made of
welded grid for
climbing plants



Brochow swimming pool

Location **Pleszew / POLAND**
Grid **RADIUS Z10700**
System **PP**
Workshop **PION Pracownia Projektowa Andrzej Kusztelak**

Product: steel grid
RADIUS Z10700.
SCREEN DECO product line.



Roof equipment cover

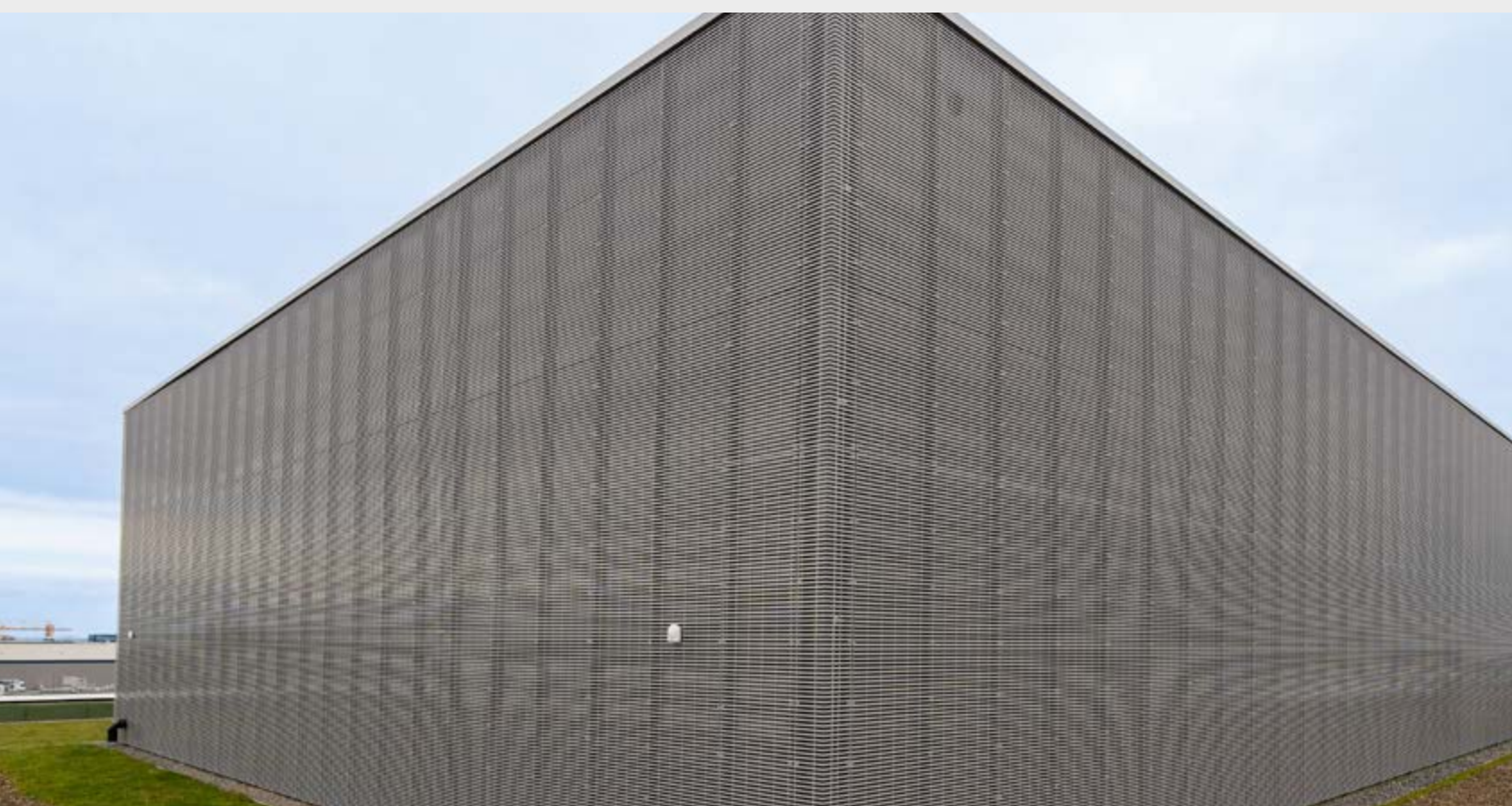
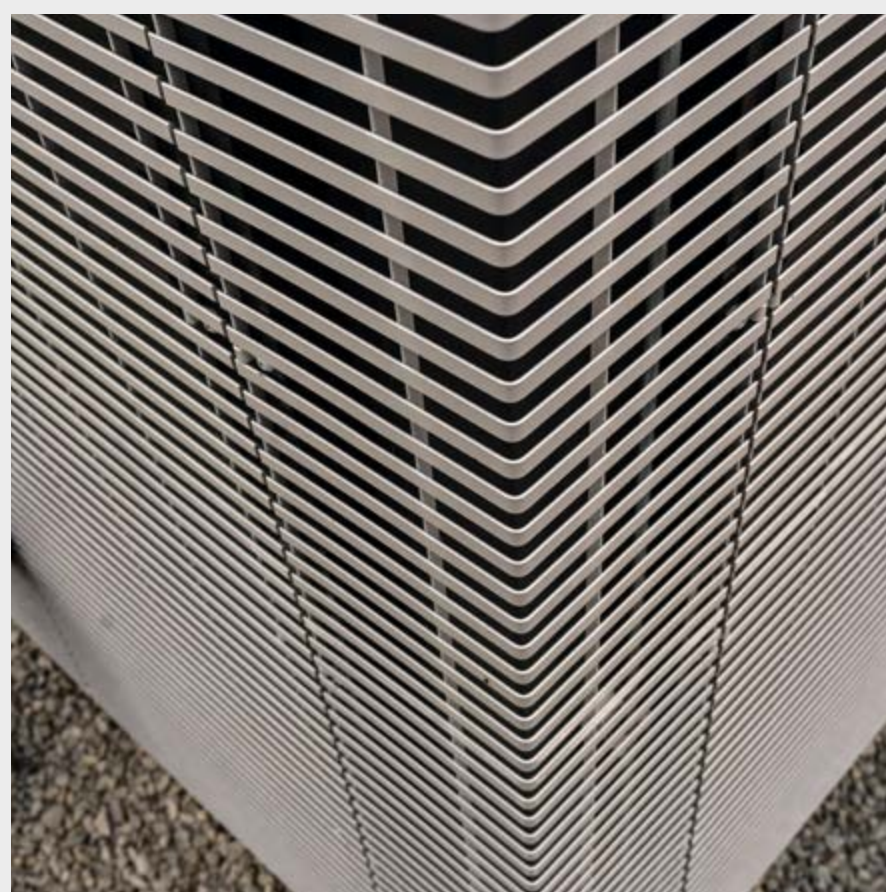


Product: steel grid
ARRAS D01250.
SCREEN DECO product line.

Grand Hotel Kielce

Location	Kielce / POLAND
Grid	ARRAS D01250
System	PP

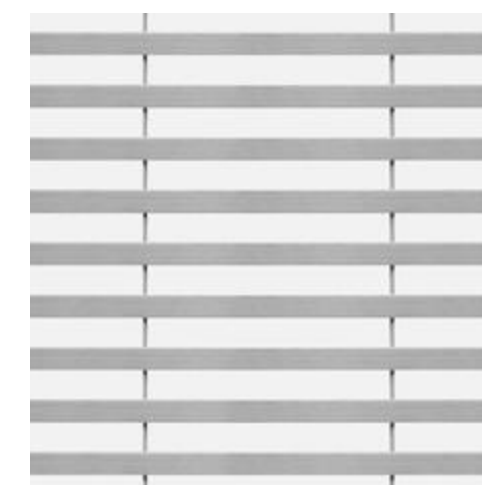
Roof equipment cover



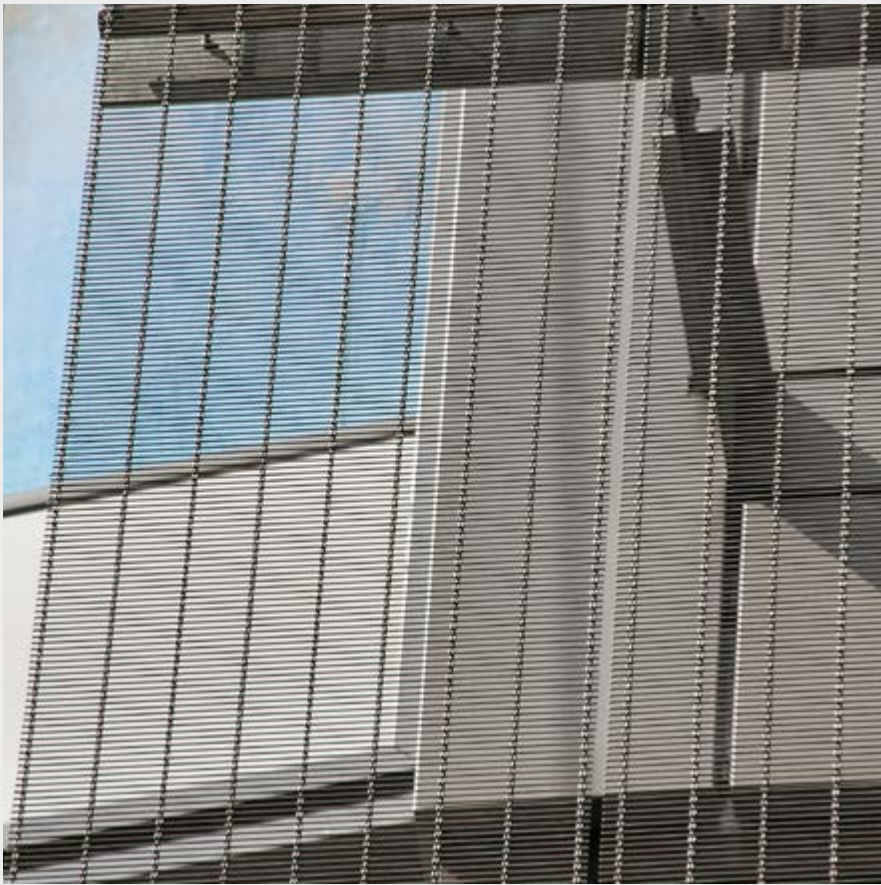
BLUM

Location **Jasin near Swarzędz / POLAND**
Grid **ARRAS D10120**
System **PP**
Workshop **TEKKTURA**

Product: steel grid
ARRAS D10120.
SCREEN DECO product line.



Second skin with solar protection function



Product: steel woven mesh
SAGITTARIUS P11320.
ASTRO product line.

Credit Agricole office building in France

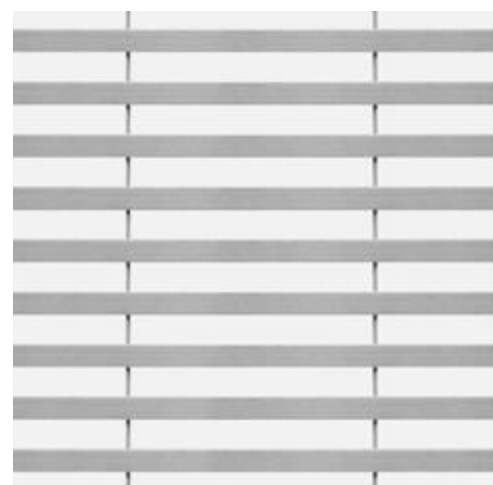
Location **Montrouge / FRANCE**
Mesh **SAGITTARIUS P11320**
System **STRETCHED**



Staircase enclosure

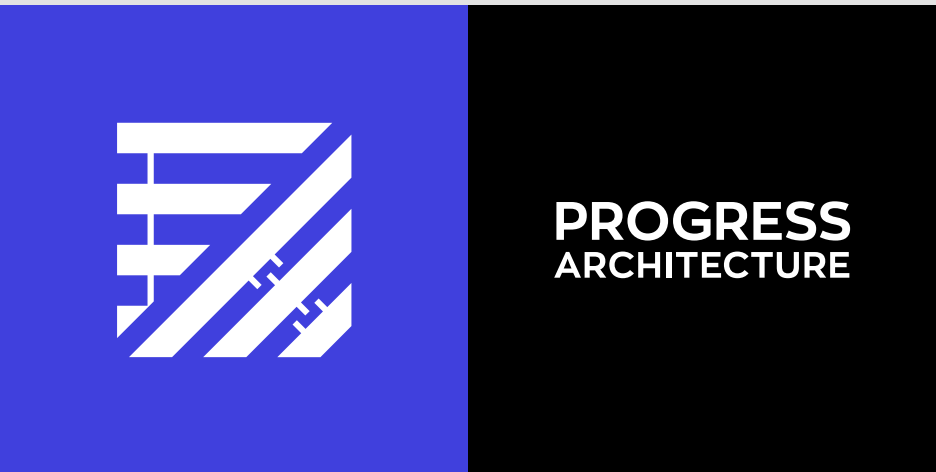
Colisée Gardens - La Défense

Location **Paris / FRANCE**
Grid **ARRAS D10**
System **Individual mounting system**
Workshop **PANORAMA Architecture**



Product: steel grid
ARRAS D10.
SCREEN DECO product line.





progressarch.com