



PROGRESS
ARCHITECTURE

METAL FACADE, CEILING, AND WALL CLADDING SYSTEMS
for architectural meshes and grids



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How can one stand out in the ever-evolving landscape of modern architecture, where expectations are at their peak? How can one respond to current trends in design, functionality, and sustainable construction? The answer is in innovative solutions that go beyond preconceived forms and established standards.

Discover the extraordinary potential of architectural metal meshes and grids as impressive and distinctive design elements. Create unique and elegant spaces with intriguing detail that leave a lasting impression.

Let's create something unique together!

Tomasz Oszczepalski

Chairman of the Board
PROGRESS ARCHITECTURE

PROGRESS ARCHITECTURE

Leading European manufacturer of metal facade, ceiling and wall systems based on architectural meshes and grids.



The demand for functional, minimalist design, adaptive architecture, and sustainable construction is ever-growing in today's dynamic architectural landscape. Architectural meshes and grids offer an intriguing response to these evolving trends. By reimagining facades, ceilings, walls, and floors, these innovative systems meet the pioneering aspirations of investors and designers alike. Their versatility and potential for bespoke configurations encourage experimentation, pushing the boundaries of established design norms.

Our extensive product range ensures flexibility in solutions and aligns with diverse investment budgets. From woven wire mesh to spiral mesh and welded grids, our offerings span a variety of materials and finishes, including stainless steel and carbon steel, Pro-ZINAL®, copper, and aluminium. With decades of experience, state-of-the-art machinery, and dedicated R&D capabilities, we guarantee precision and the highest standards of craftsmanship.



Leading innovation since 1988

Over 35 years of architectural meshes and grids expertise.

State-of-the-art facilities

Three modern Polish facilities ensure excellence.

Expert team

Qualified designers, process engineers drive innovation.

Global reach

Trusted with worldwide projects in 60 countries.

Certified quality

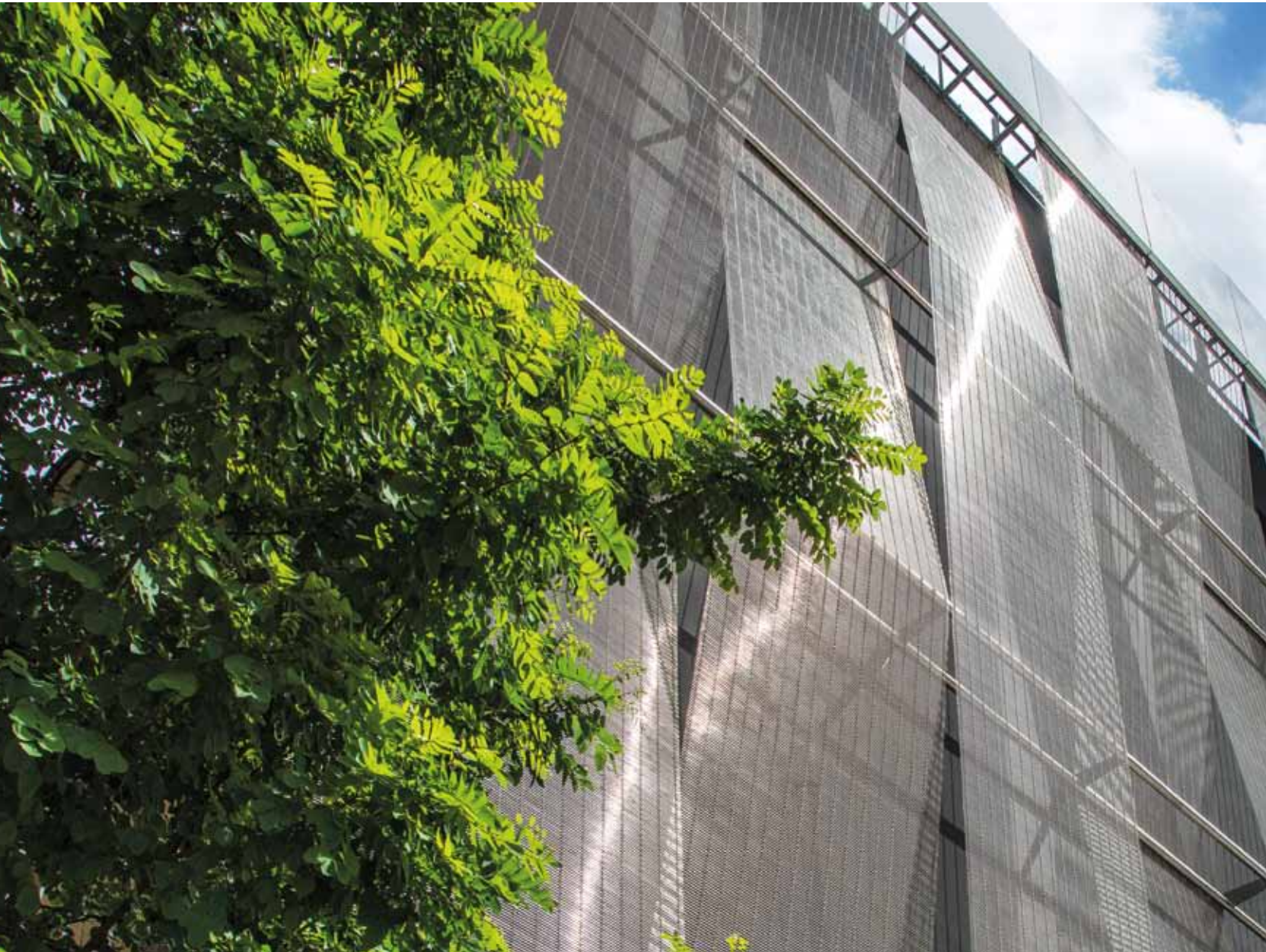
ISO 9001:2015, EN 1090, and TÜV Rheinland certifications uphold the highest standards.



Our interdisciplinary team of experts meticulously crafts and supports each solution, providing comprehensive technical assistance at every project stage. For years, PROGRESS ARCHITECTURE has been a trusted partner in realizing ambitious visions and investment goals, collaborating with leading design studios and investors worldwide. Our portfolio of projects enriches public spaces and has garnered industry acclaim, each uniquely tailored to its context and purpose.

Design and sustainable construction

Architectural meshes and grids serve as distinctive design elements, elevating the appeal of any architectural project.



These elements draw attention with their unique aesthetics and modern design. Their open structure adds depth, while the elegance of steel and the grandeur of brass or copper underscore individual style. Precisely crafted details accentuate the exclusivity of the space, enriching interiors and entire buildings with a touch of sophistication.

The wide range of configurable solutions makes each project unique. The grid or lattice pattern chosen can be used in a variety of applications, including a facade, ceiling, wall, balustrade, or fence. This allows the creation of multi-dimensional references and unique design consistency. Once the technical parameters, material and surface finish have been defined, the optimum fixing system is selected.



Adaptive architecture

System solutions enable the modernization of existing structures and facilities.

Functional design

Aesthetic and decorative qualities with protective and safety functions.

Customized solutions

Versatile applications and bespoke solutions.

Cost effective operation

Materials resistant to weathering and mechanical damage.

Environmental certification

EPD certified products support BREEAM and LEED certification.



Our solutions harness the shading effect and promote air circulation, contributing to enhanced energy efficiency. Resilient against weathering and mechanical damage, they maintain their freshness for decades with minimal maintenance costs. With dedicated systems for retrofitting existing installations, we prioritise using natural, recyclable materials and modern production technologies to minimise environmental impact.

Comprehensive design support

Close collaboration with investors, architects, designers and installers is essential to the successful implementation of design and investment objectives.



Design and planning



- Solution recommendations
- Product training



Architectural design



- Design consulting
- Technical details
- CAD and BIM library



Executive designs



- Design specification
- Execution details
- Budget estimate
- Design solution specification



Tendering and negotiation »

- Quotation
- Proposal drawings
- Mock-ups and prototypes
- Draft contract
- Warranty conditions



Production and logistics »

- Implementation schedule
- Deadline flexibility
- Safe transport
- Punctuality of delivery
- Certification and technical declarations

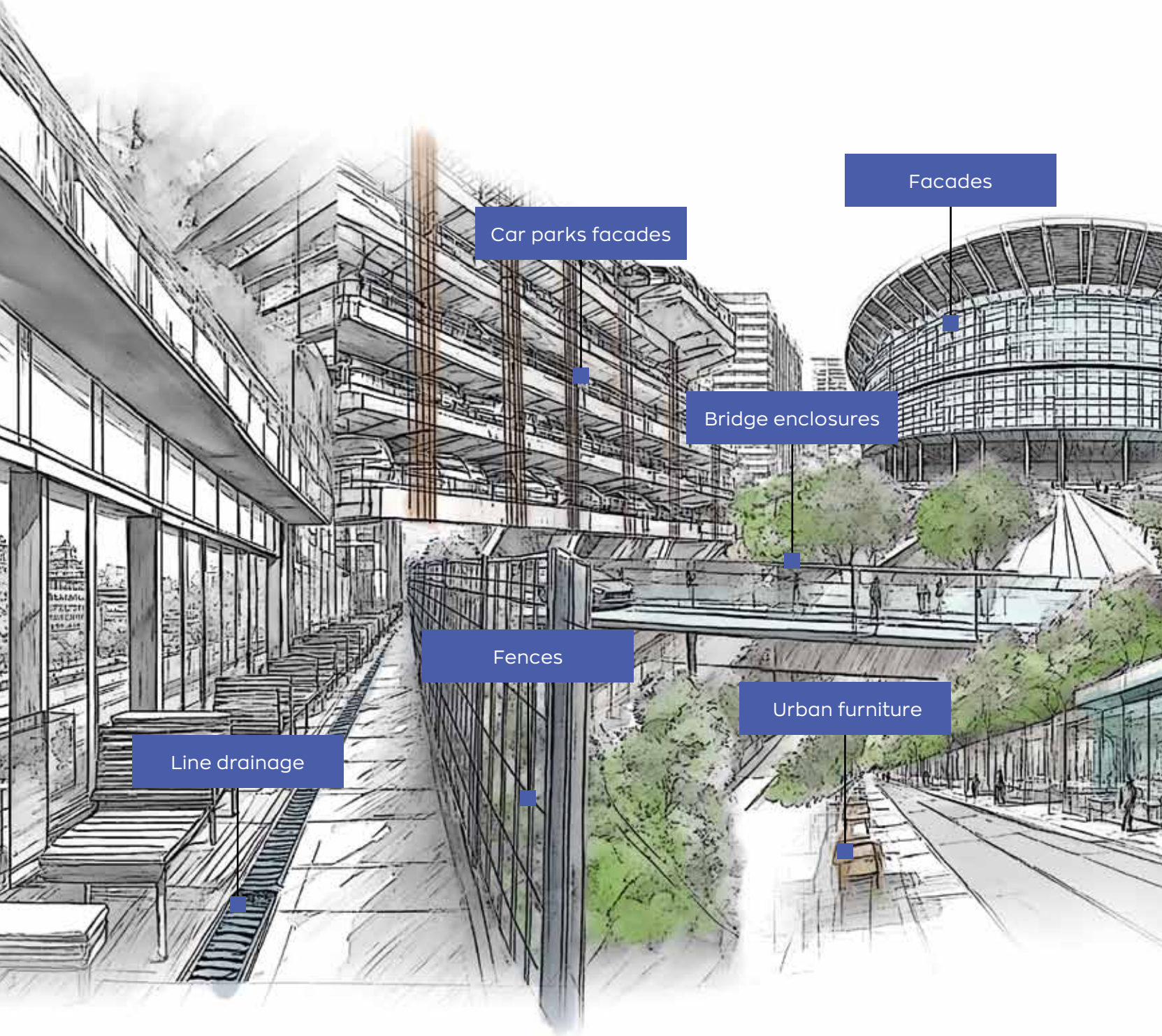


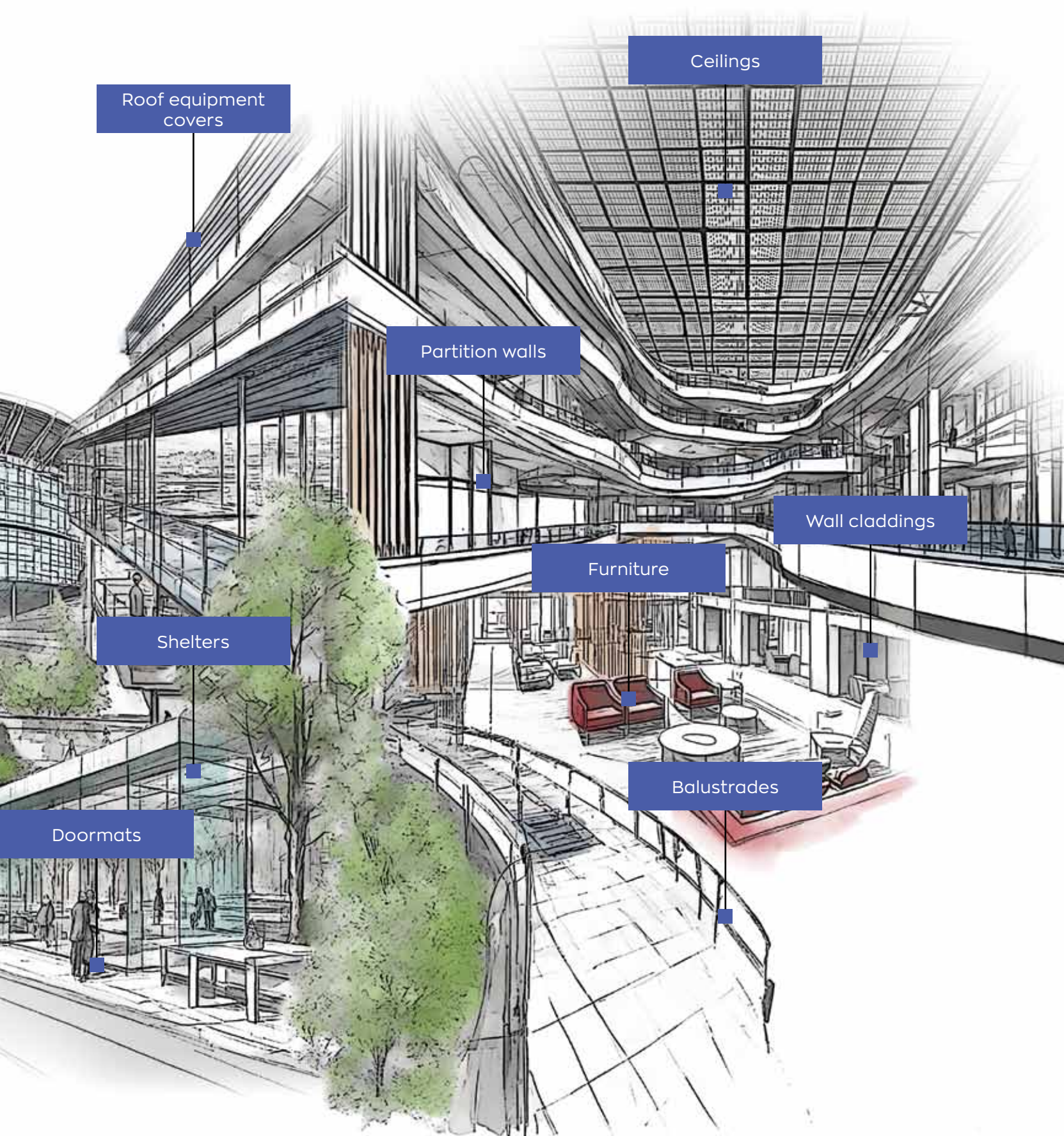
Project execution

- As-built documentation
- Instruction manuals
- Installation consultancy

Versatile applications

The use of selected patterns of architectural meshes and grids in a variety of applications creates an incredibly cohesive visual effect.





Selected projects by
PROGRESS ARCHITECTURE



Bespoke design



Easy assembly
and disassembly



Sun shading



Durability & resistance



Spatial effect



Low maintenance



Privacy & view protection



Eco-friendly



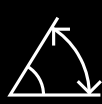
Free ventilation



Safety & access protection



Building redevelopment



Installation at any angle

Metal facades

PROGRESS ARCHITECTURE metal facades are the ideal solution for those looking for a unique design that stands out from other buildings. They provide effective solar shading, improve comfort and privacy, and reduce energy consumption. Durability and mechanical resistance guarantee long-term protection of the building from the elements. Dedicated installation and removal systems allow efficient adaptation to changing needs and preferences. Their recyclability makes them an excellent choice for sustainable building investments.

Grand Hotel

Location
Kielce, Poland

Architect
DETAN Andrzej Detka

Type of building
Hotels and restaurants

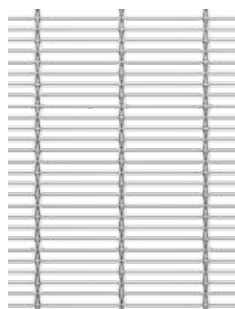
Material
Stainless steel

Finishing
Natural



Mounting system
Individual

Woven mesh
SAGITTARIUS P11320



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Echo shopping center



Location
Kielce, Poland

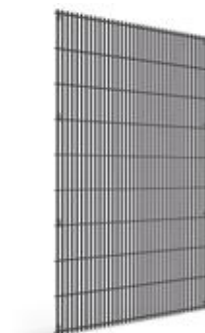
Architect
DETAN Andrzej Detka

Type of building
Shopping center

Material
Stainless steel

Finishing
Natural

Mounting system
PROBOLT-P



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Welded grid
RADIUS P07100
Grid based on
the standard model

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Molecolab



Location
Łódź, Poland

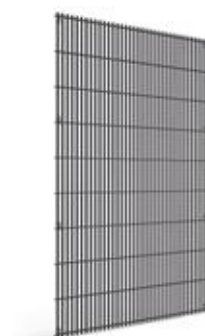
Architect
Architekton Andrzej Szurmak

Type of building
Office building

Material
Pro-ZINAL®

Finishing
Powder coating

Mounting system
PROBOLT-P

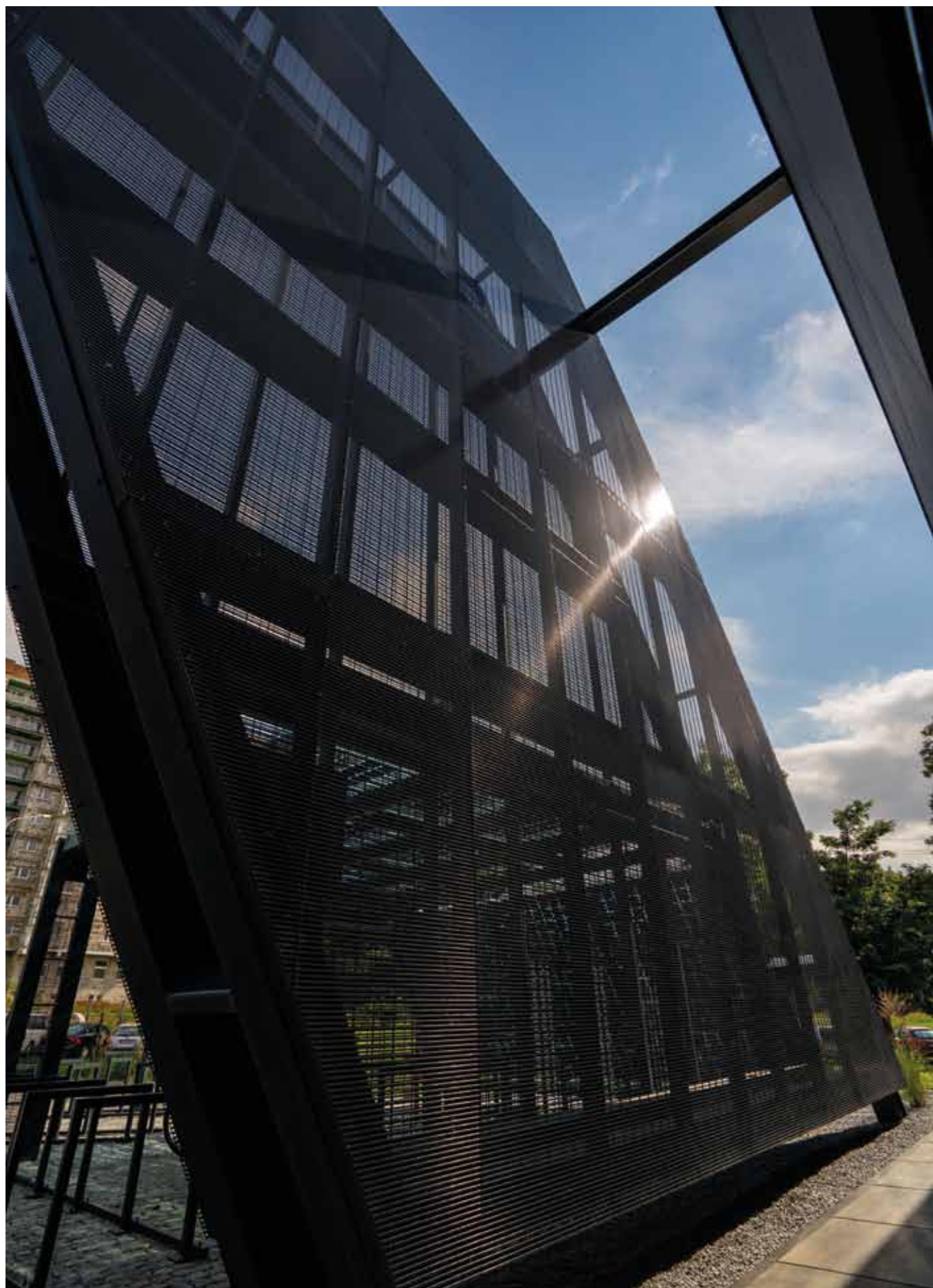


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Welded grid
ARRAS D08100



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Perfumiarnia Estate Apartments



Location
Poznań, Poland

Architect
JEMS Architects

Type of building
Residential buildings

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Spiral mesh
FEBE S200811
Mesh based on
a non-standard model



The Museum of Engineering and Technology



Location
Kraków, Poland

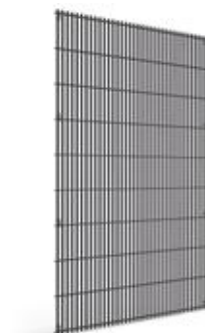
Architect
Arcona

Type of building
Cultural establishment

Material
Stainless steel

Finishing
Natural

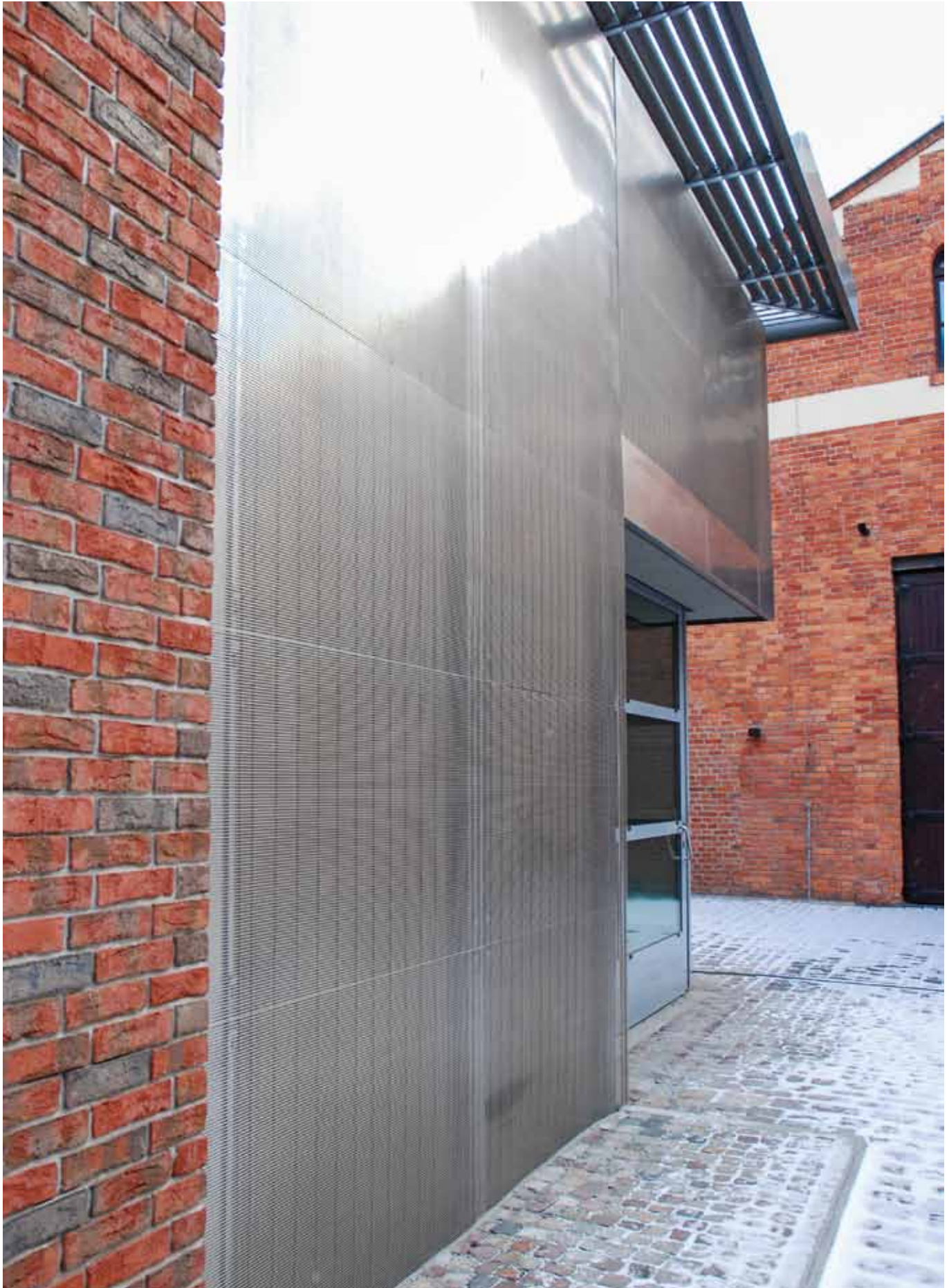
Mounting system
PROBOLT-P



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Welded grid
RADIUS Z07050
Grid based on
the standard model

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Orange headquarters



Location
Issy-les-Moulineaux, France

Architect
Viguié Architecture Urbanisme Paysage

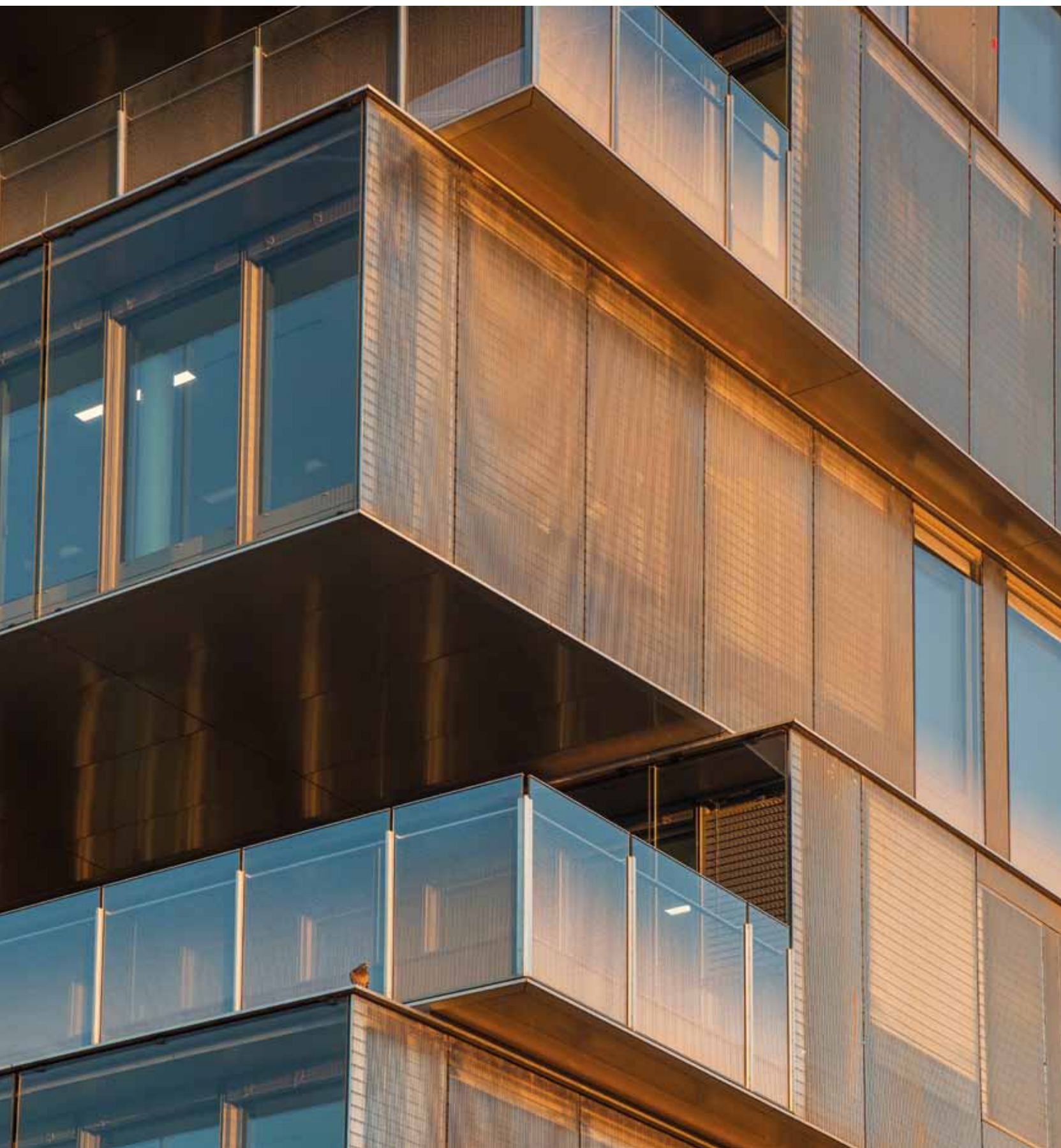
Type of building
Office building

Material
Stainless steel

Finishing
Electropolishing

Mounting system
Individual

Welded grid
RADIUS Z08050
Grid based on
the standard model



ASM Clermont Auvergne



Location
Clermont-Ferrand, France

Architect
Morpho Architecture

Type of building
Stadiums and sports halls

Material
Stainless steel

Finishing
Natural with print

Mounting system
PROFLEX-F



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Woven mesh
VIRGO P07030
Mesh based on
the standard model

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VIVE Textile



Location
Kielce, Poland

Architect
NAOS and „Portal” Design Studios

Type of building
Office building

Material
Stainless steel

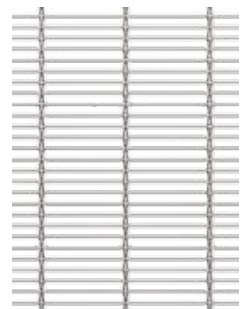
Finishing
Natural

Mounting system
PROFLEX-F

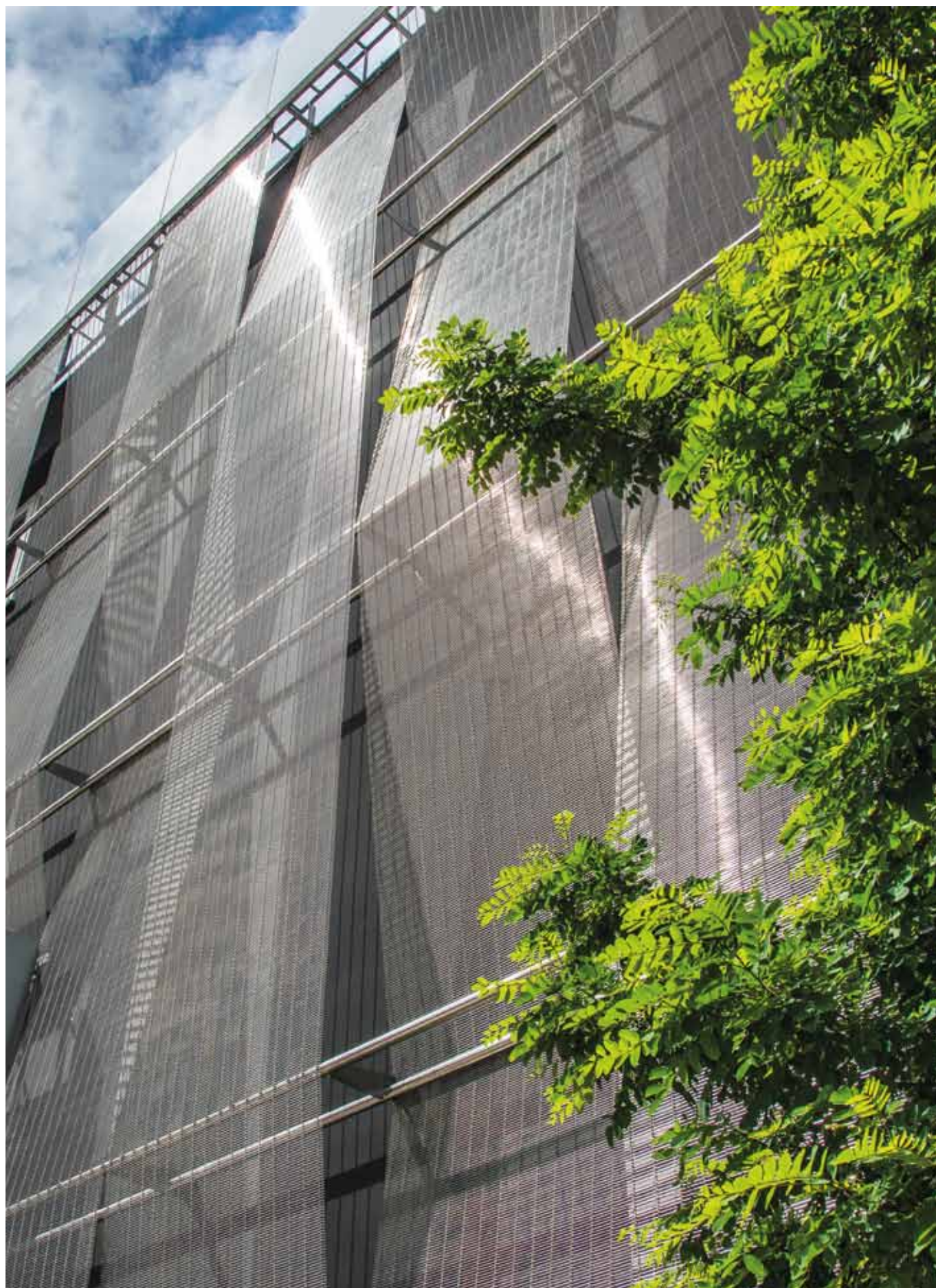


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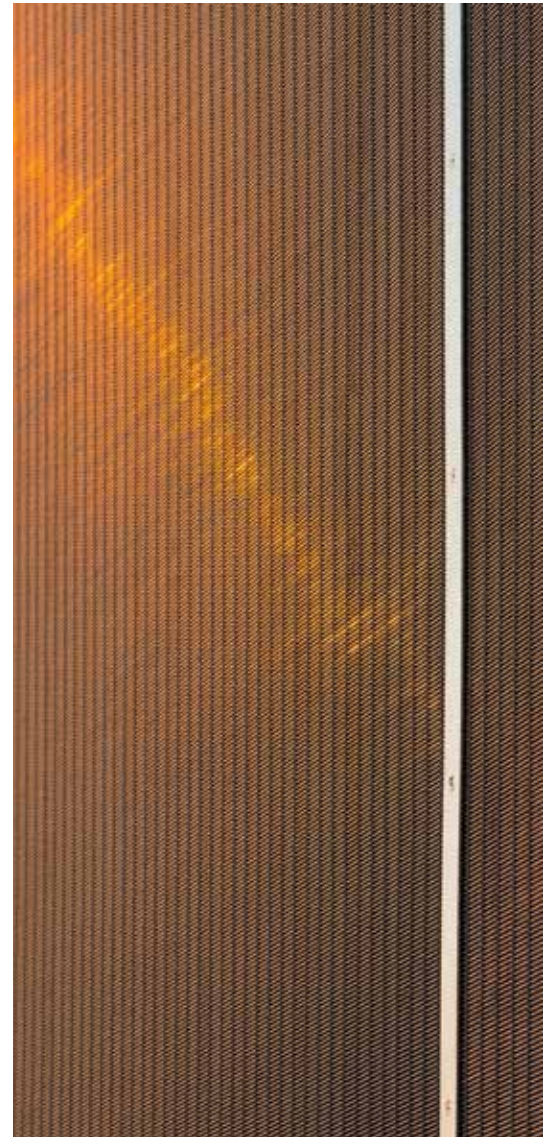
Woven mesh
SAGITTARIUS P11320



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Cesa Park



Location
Meudon, France

Architect
Fragment Architecture

Type of building
Office building

Material
Stainless steel

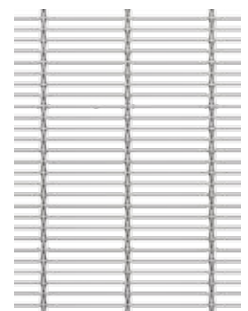
Finishing
Natural

Mounting system
PROFLEX-F

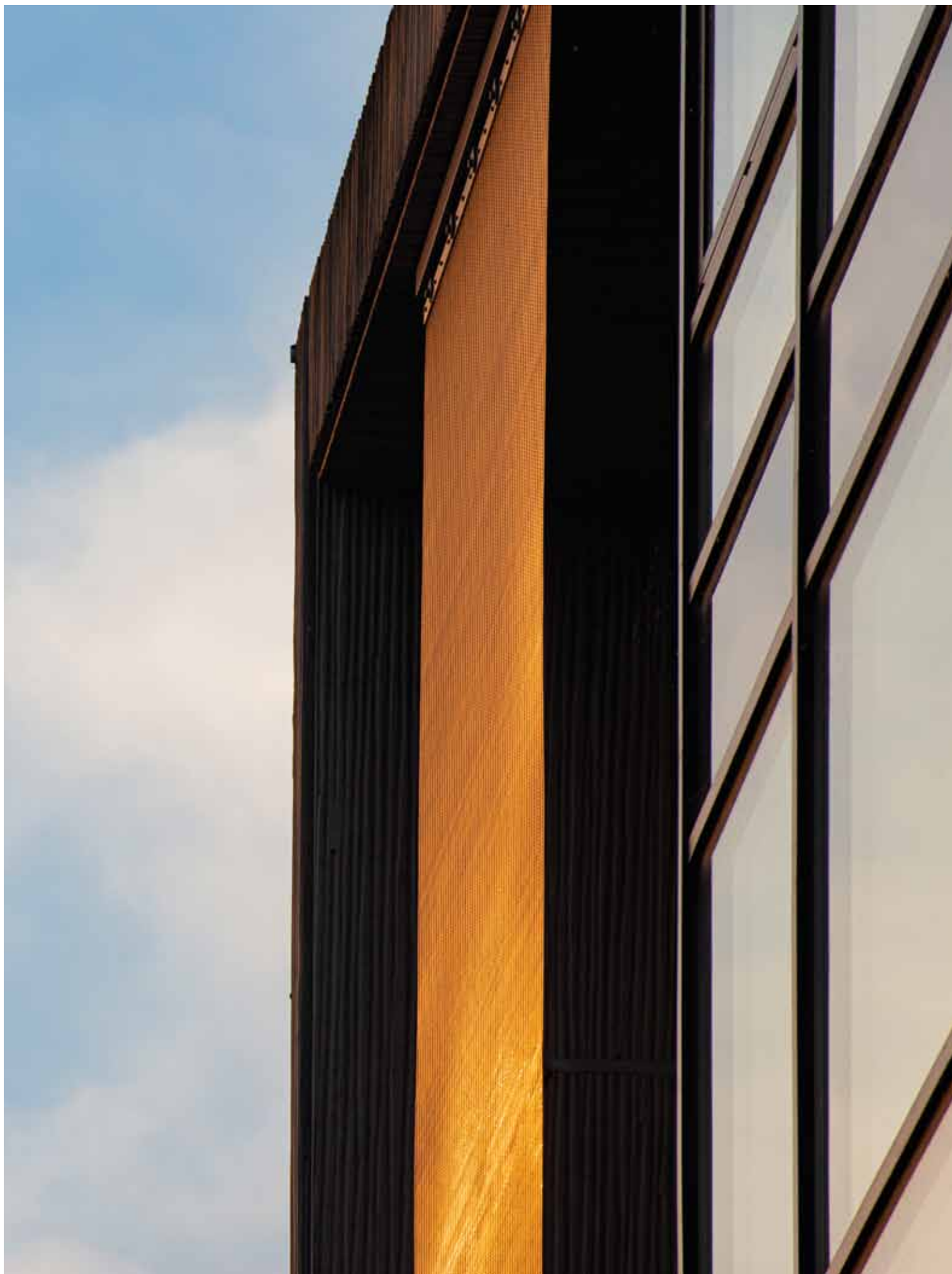


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Woven mesh
SAGITTARIUS 11320



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Hofgarten Solingen shopping center



Location
Solingen, Germany

Architect
HPP Architekten

Type of building
Shopping center

Material
Stainless steel

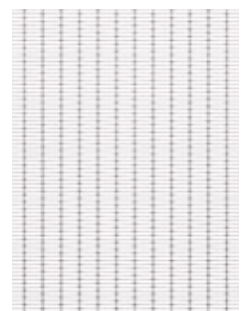
Finishing
Wet painting

Mounting system
PROFLEX-F

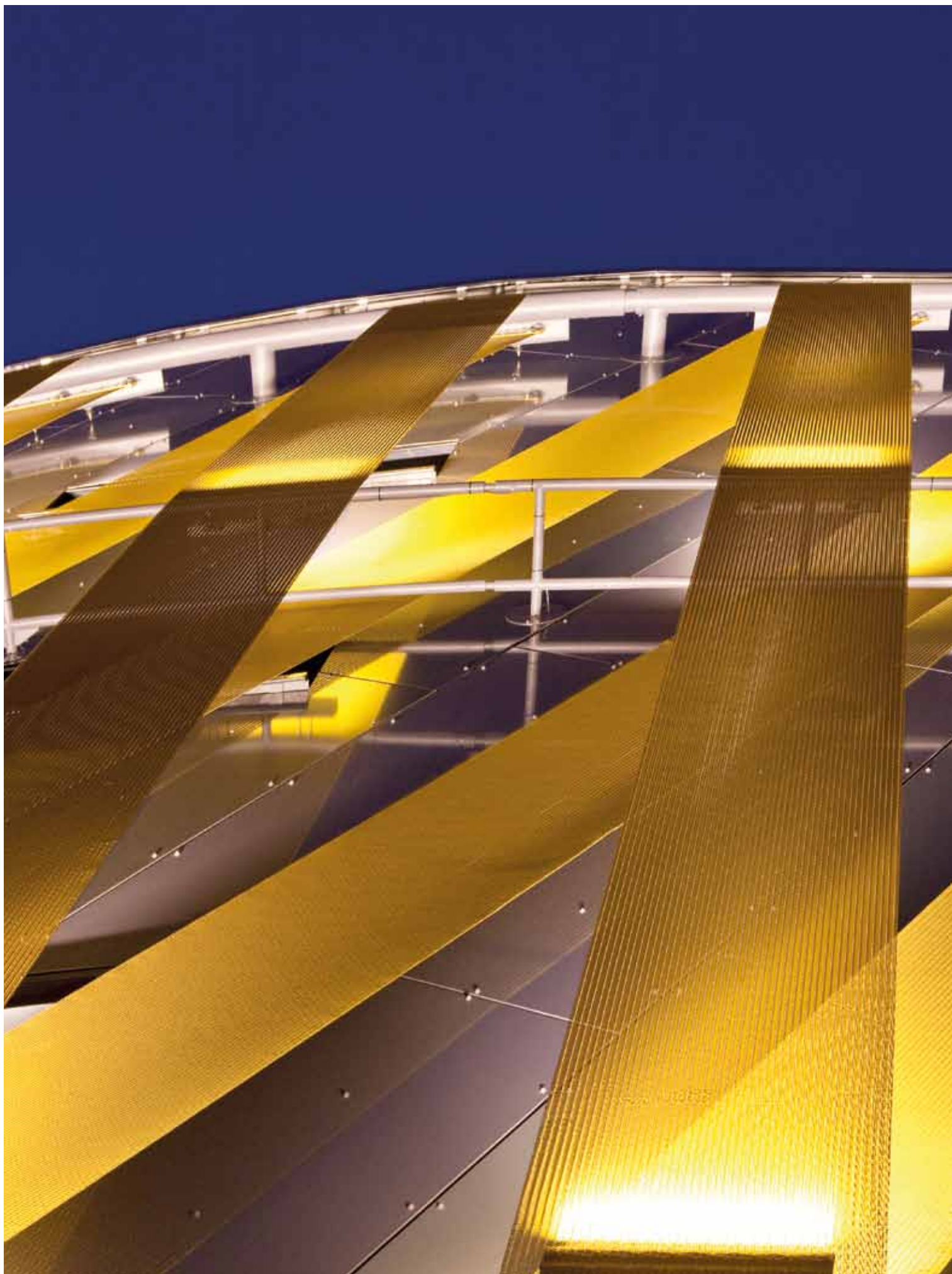


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Woven mesh
SATURN P05130



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Collines de Honfleur

Location

Honfleur, France

Architect

Maison Edouard François

Type of building

Shopping center

Material

Stainless steel

Finishing

Natural

Mounting system

Individual

Woven mesh

VIRGO P07020



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Woven mesh

SCORPIO P04015

Mesh based on
the standard model

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Woven mesh

TAURUS P02070

Mesh based on
the standard model

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Fortel headquarters



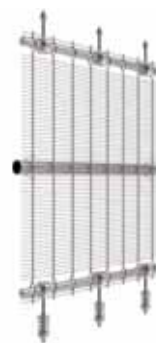
Location
Lanškroun, Czech Republic

Type of building
Office building

Material
Stainless steel

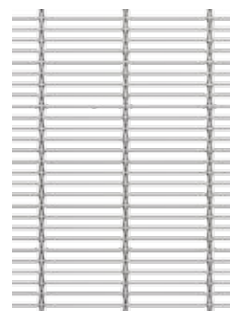
Finishing
Natural

Mounting system
PROFLEX-R



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Woven mesh
SAGITTARIUS P11320



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Catholic University of Lublin

Location
Lublin, Poland

Architect
Bieńkowski Lis Mierzwa
Architekci

Type of building
Education

Material
Stainless steel

Finishing
Natural

Mounting system
PROFLEX-S

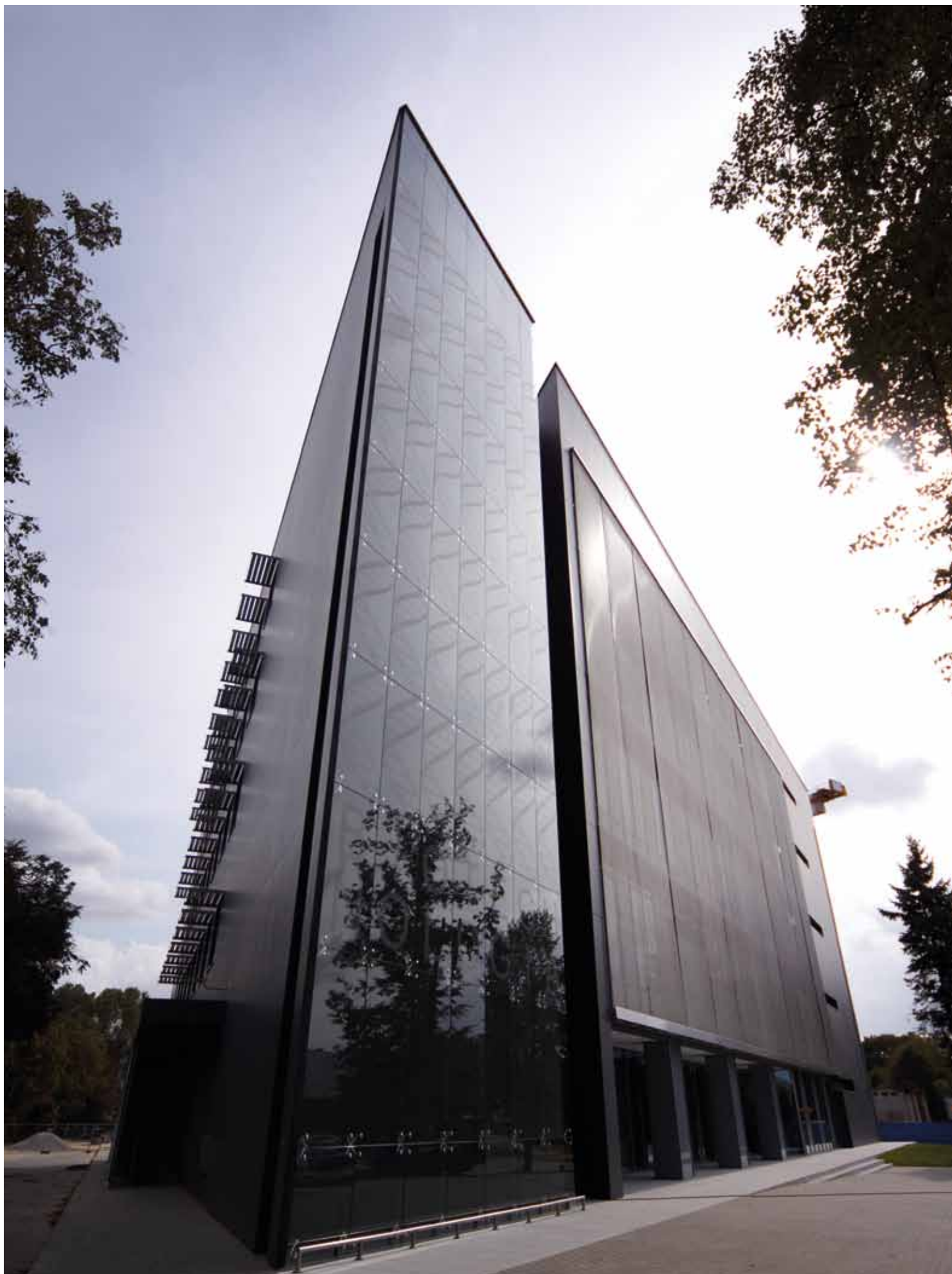


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Woven mesh
SATURN PO5120
Mesh based on the
standard model

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Targi Kielce exhibition and congress center



Location
Kielce, Poland

Architect
Study and Design Studio Architect
Barbara Średniawa

Type of building
Public utility facility

Material
Stainless steel

Finishing
Natural

Mounting system
PROFLEX-F



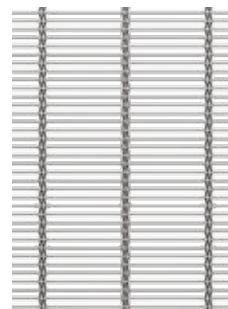
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Woven mesh
SAGITTARIUS P11432



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Woven mesh
SAGITTARIUS P11440



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Distrito Armida

Location
Monterrey, Mexico

Architect
Jerde Partnership

Type of building
Hotel

Material
Stainless steel

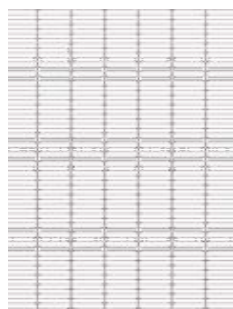
Finishing
Wet painting

Mounting system
PROFLEX-S

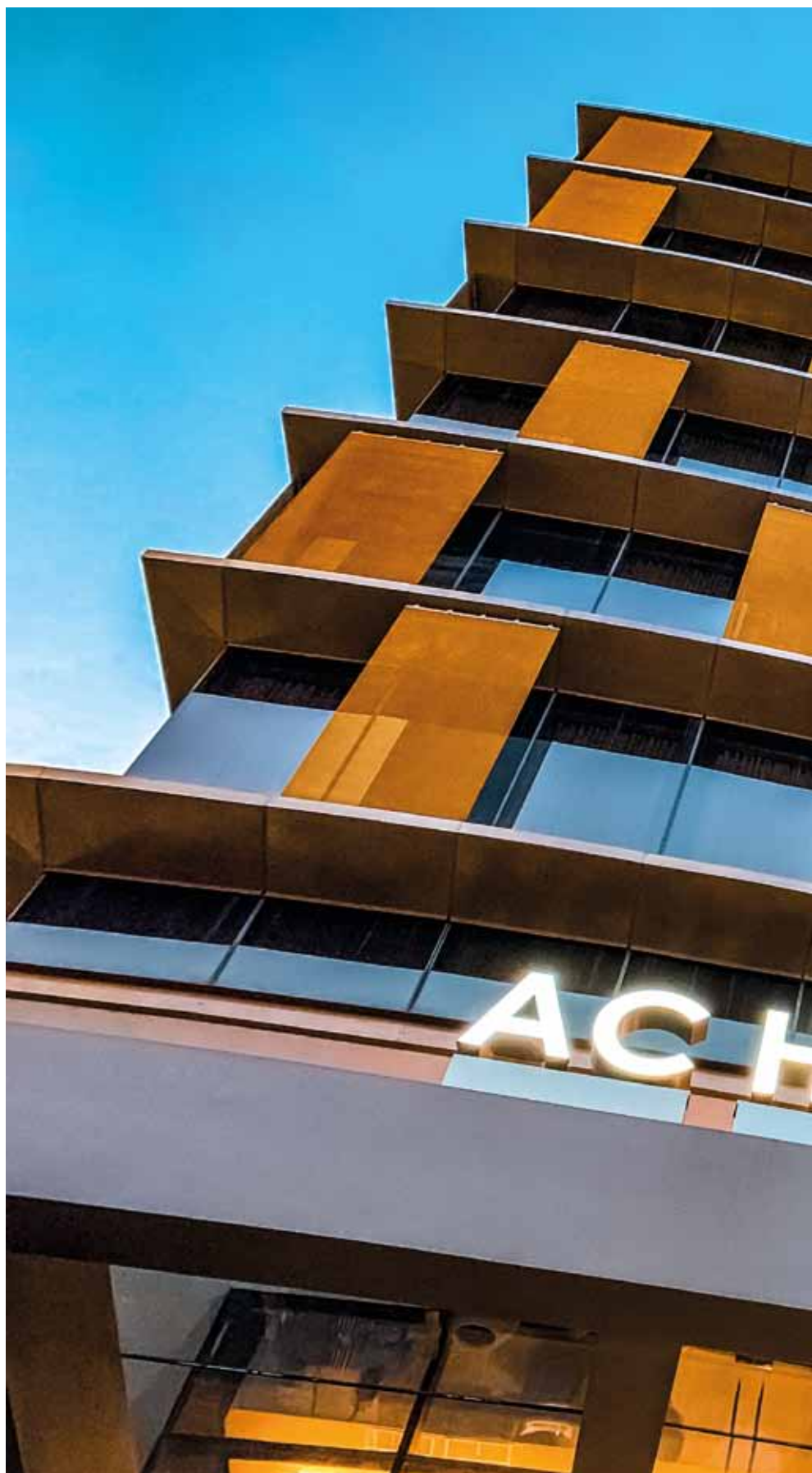


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Woven mesh
LEO P06040



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Airbus Office Building

Location
Toulouse, France

Architect
Groupe Kardham

Type of building
Office building

Material
Stainless steel

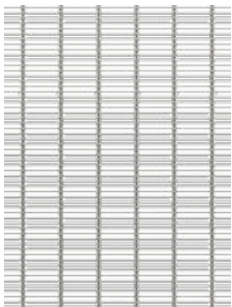
Finishing
Wet painting

Mounting system
PROFLEX-F



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Woven mesh
SAGITTARIUS P11432



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Crédit Agricole headquarters



Location
Montrouge, France

Architect
ARTE Charpentier Architectes

Type of building
Office building

Material
Stainless steel

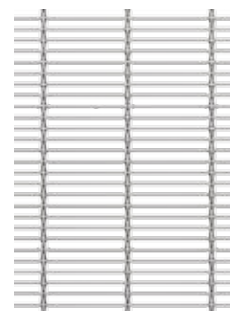
Finishing
Natural

Mounting system
PROFLEX-F

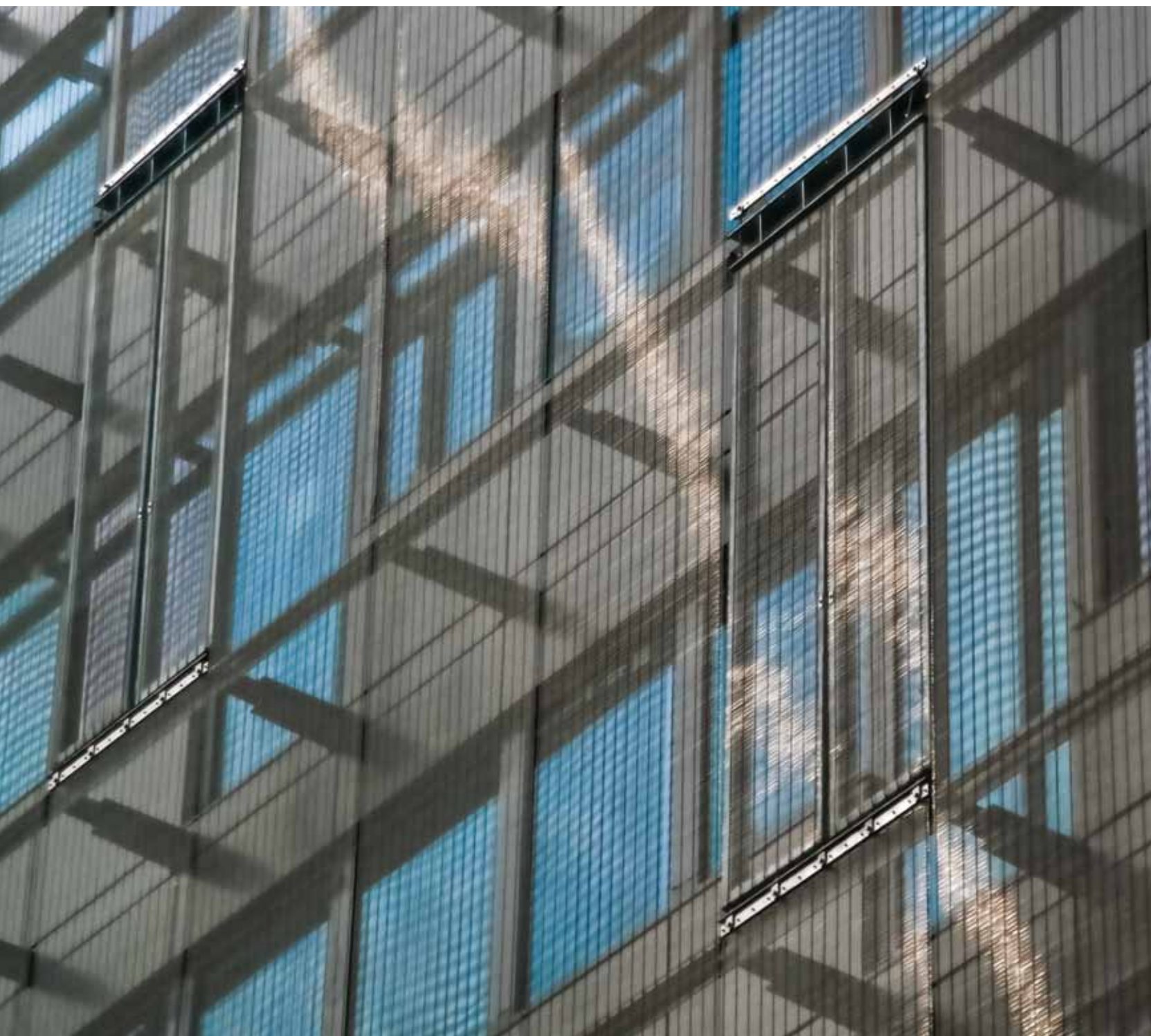


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Woven mesh
SAGITTARIUS P11320



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University of Tartu, Delta Center



Location
Tartu, Estonia

Architect
Arhitekt 11 OÜ

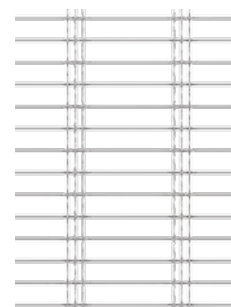
Type of building
Education

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
SCORPIO P04010



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Office building



Location
Tallinn, Estonia

Architect
Sweco

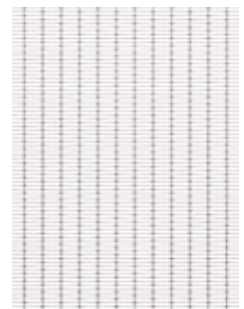
Type of building
Office building

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
SATURN P05130



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Bespoke design



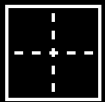
Indoor & outdoor



Vertical and diagonal panels



Eco-friendly



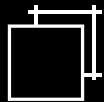
No visible divisions



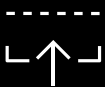
Installation at any angle



Vandal-resistant



Hidden substructure



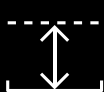
Quick access



A1-A2 fire classification



Low maintenance



Minimal depth

Metal ceilings

PROGRESS ARCHITECTURE metal ceilings offer unlimited possibilities for individual design, both indoors and outdoors. The openwork nature of architectural meshes and grids does not close off the space, giving it a sense of depth. At the same time, it effectively conceals ceiling installations. Dedicated installation systems with a concealed substructure provide a uniform surface effect. The A1-A2 fire classification guarantees the highest level of safety. Other benefits include exceptional durability, resistance to mechanical damage and low maintenance costs.

Bus station



Location
Kielce, Poland

Architect
Kamiński Bojarowicz Architects

Type of building
Train stations and airports

Material
Pro-ZINAL®

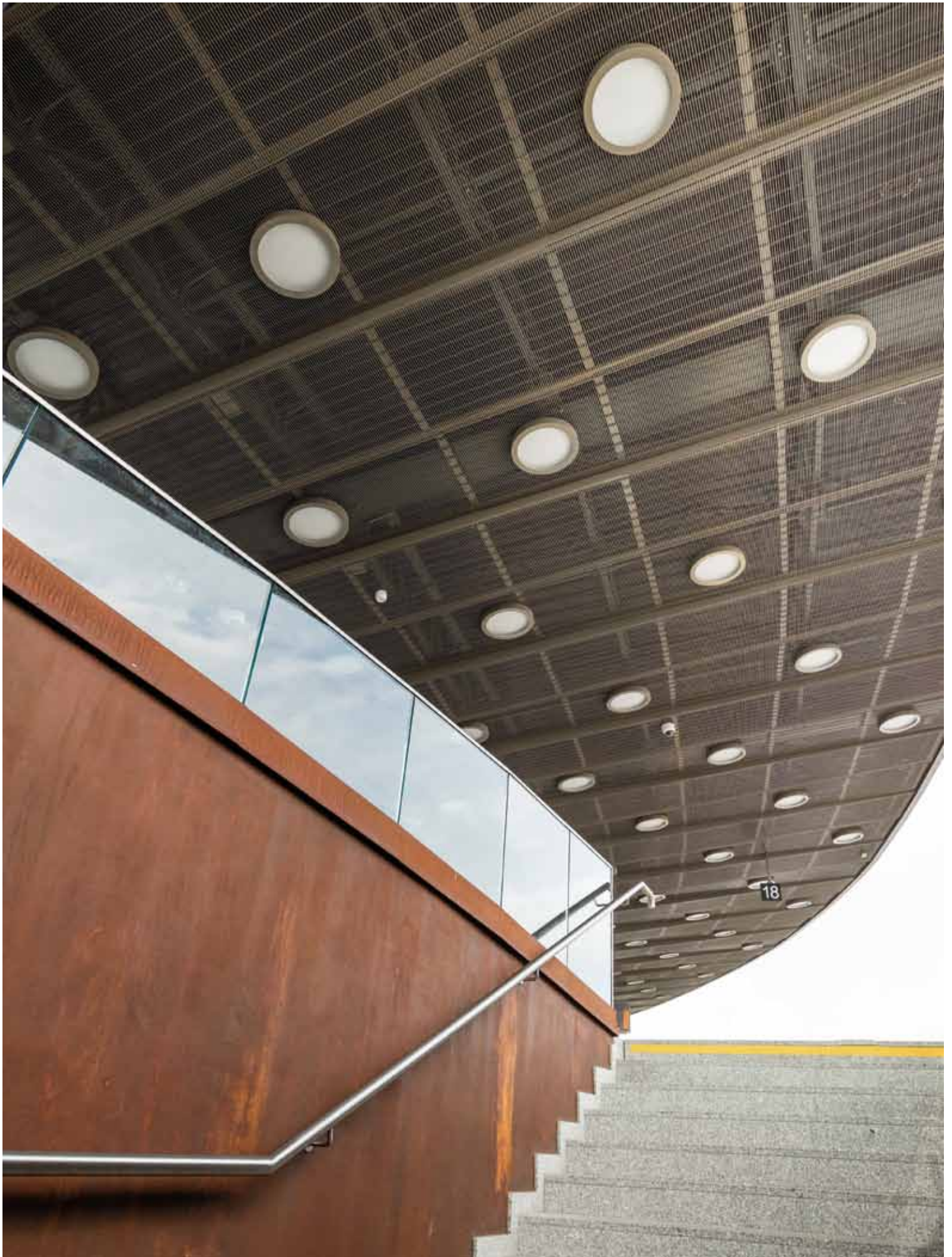
Finishing
Powder coating

Mounting system
PROBOLT-P

Welded grid
LUNA Z45S106
Grid based on
a non-standard model



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Sportofino shop



Location
Gdańsk, Poland

Type of building
Shopping mall

Material
Pro-ZINAL®

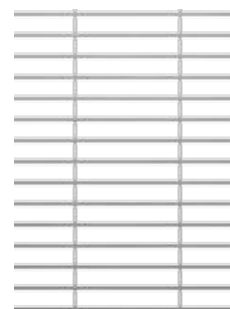
Finishing
Powder coating

Mounting system
PROCLIP-C

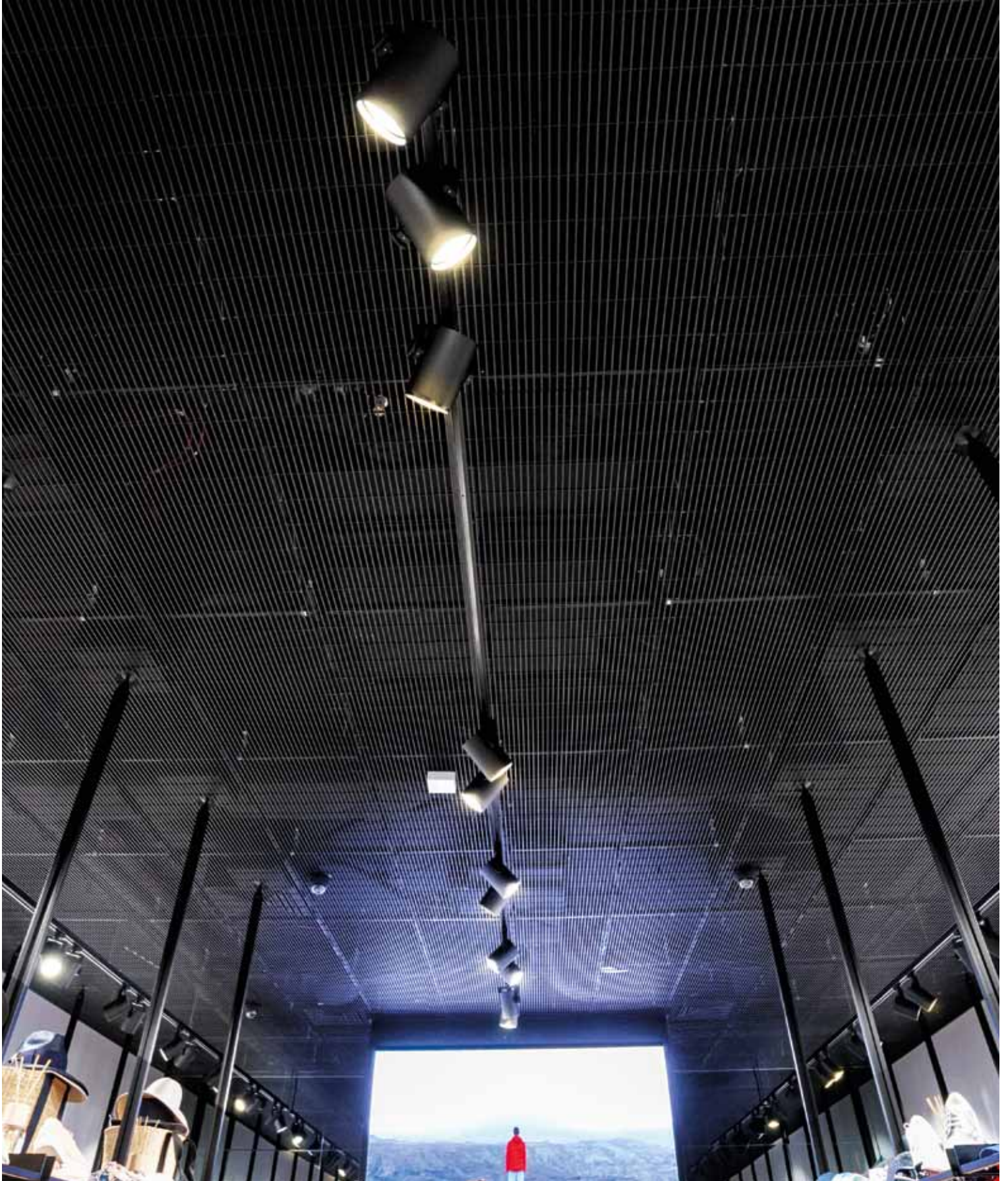


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Welded grid
RADIUS Z10155



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Elektrownia Powiśle power station



Location
Warsaw, Poland

Architect
APA Wojciechowski Architects

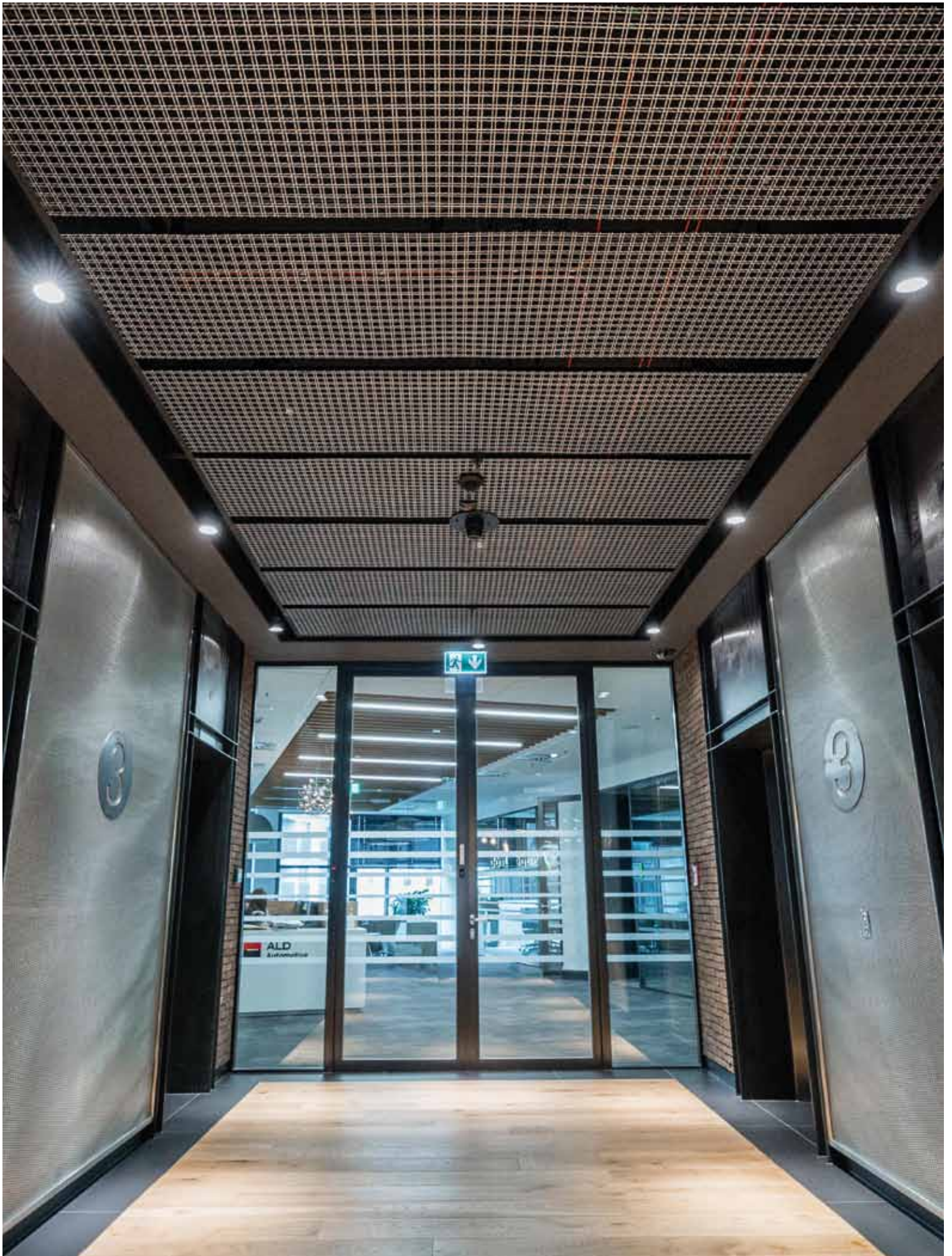
Type of building
Office building

Material
Aluminium

Finishing
Natural

Mounting system
Individual

Woven mesh
LIBRA P08010
Mesh based on
a non-standard model



Targi Kielce exhibition and congress center



Location
Kielce, Poland

Architect
Study and Design Studio Architect
Barbara Średniawa

Type of building
Public utility facility

Material
Stainless steel

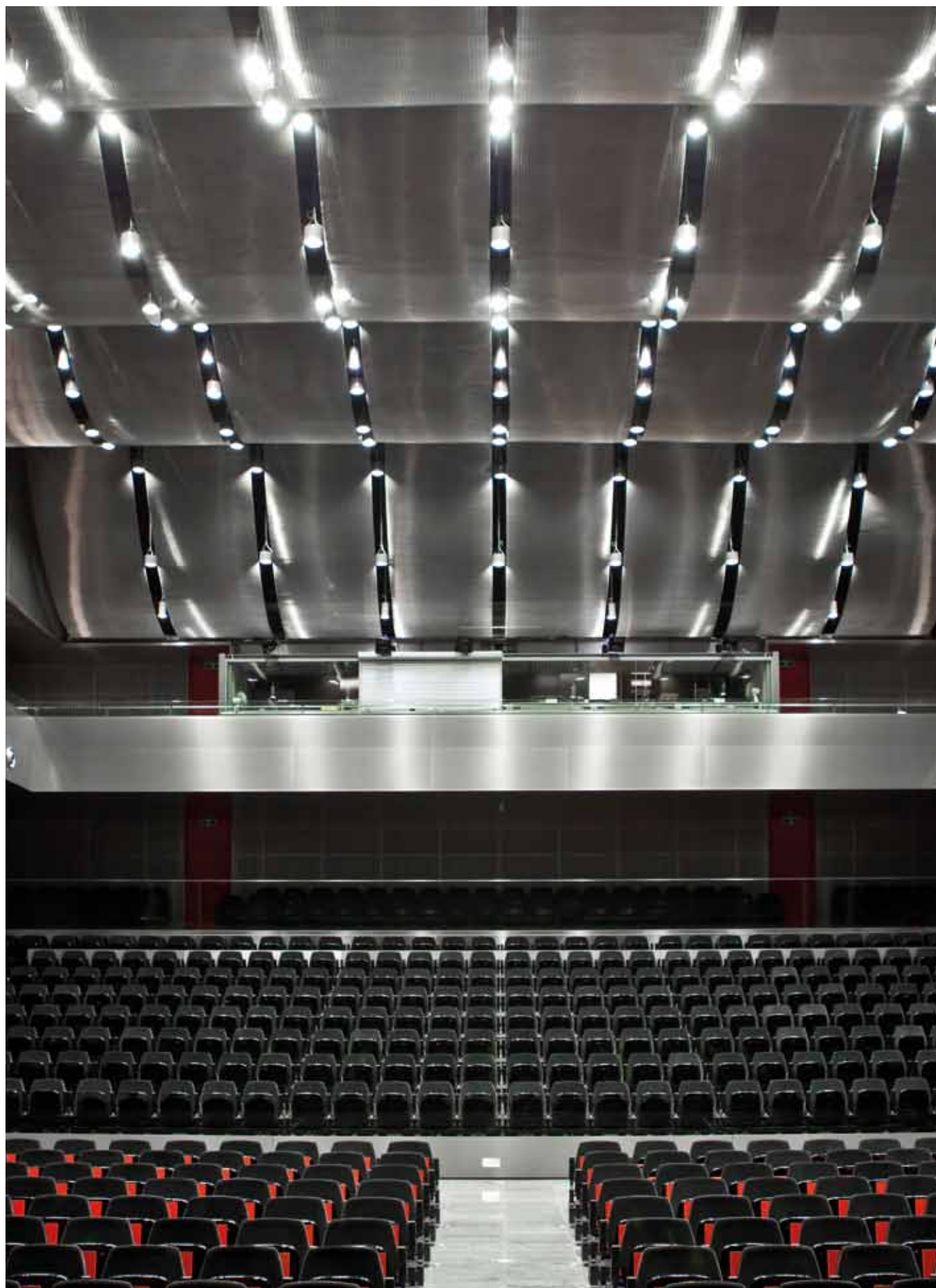
Finishing
Natural

Mounting system
Individual

Woven mesh
SAGITTARIUS P11432



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Trzy Korony shopping center



Location
Nowy Sącz, Poland

Type of building
Shopping center

Material
Pro-ZINAL®

Finishing
Powder coating

Mounting system
PROBOLT-P

Welded grid
RADIUS Z10140
Grid based on
a standard model



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Nowy Rynek shopping center



Location
Jelenia Góra, Poland

Architect
ARKUS Design and Consulting Studio
Marek Gachowski

Type of building
Shopping center

Material
Pro-ZINAL®

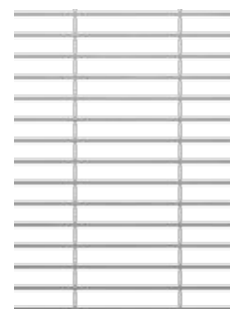
Finishing
Powder coating

Mounting system
PROCLIP-C



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Welded grid
RADIUS Z10155



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LPP Gdańsk



Location
Gdańsk, Poland

Architect
JEMS Architects

Type of building
Office building

Material
Stainless steel

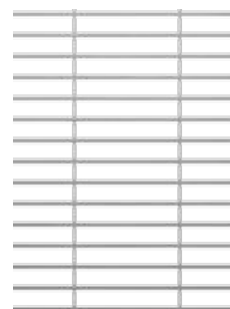
Finishing
Natural

Mounting system
PROCLIP-C



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Welded grid
RADIUS Z10155



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Wrocław Stadium



Location
Wrocław, Poland

Architect
JSK Architects

Type of building
Stadiums and sports halls

Material
Pro-ZINAL®

Finishing
Powder coating

Mounting system
PROCLIP-C



Welded grid
RADIUS Z08150
Grid based on
a non-standard model

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Makrochem



Location
Lublin, Poland

Architect
Bieńkowski Lis Mierzwa Architects

Type of building
Office building

Material
Pro-ZINAL®

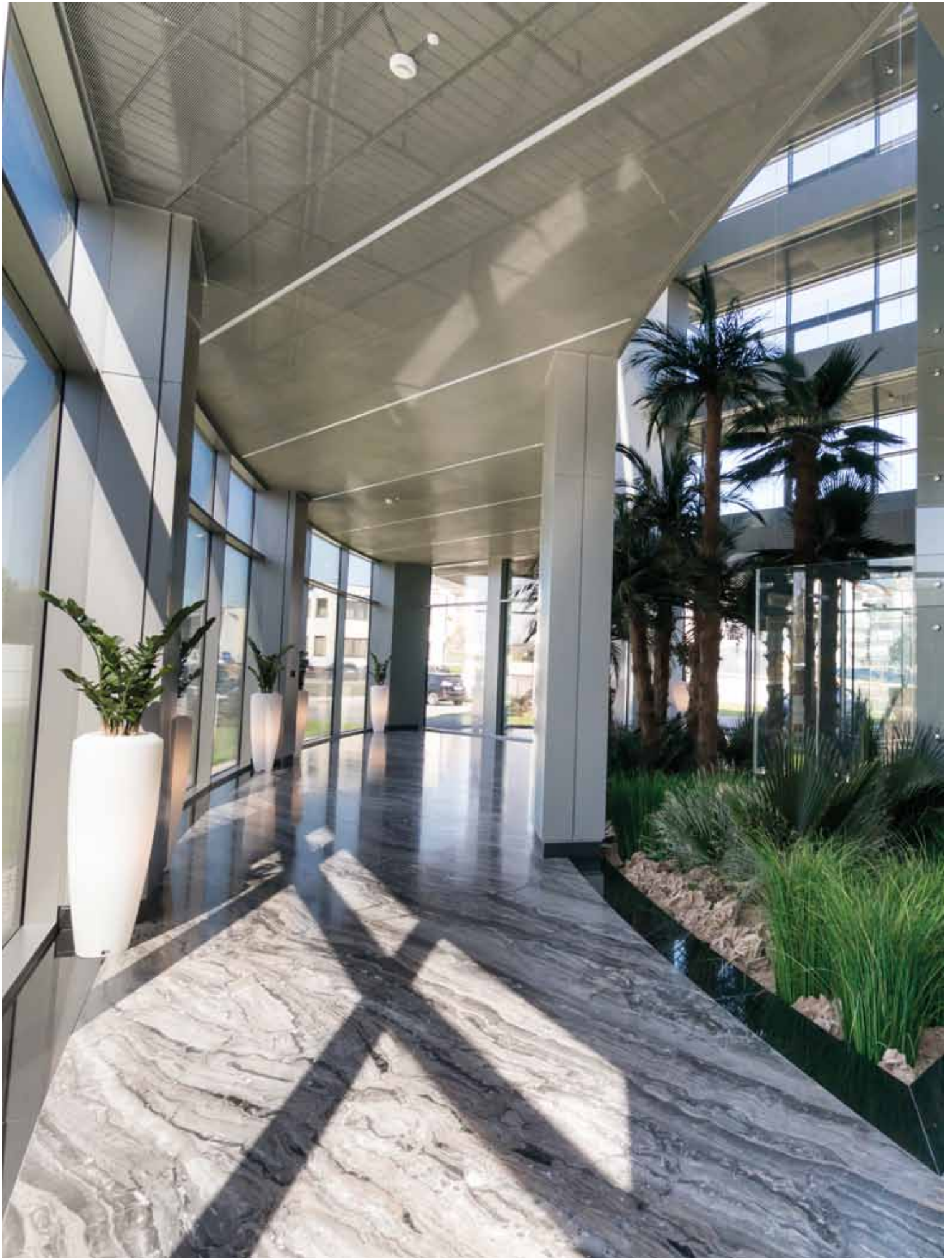
Finishing
Powder coating

Mounting system
PROCLIP-C

Welded grid
REFLEX ZO4066
Grid based on
a non-standard model



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Palmiry Museum – Memorial Site



Location
Warsaw, Poland

Architect
WXCA Architecture Office

Type of building
Cultural establishment

Material
Pro-ZINAL®

Finishing
Powder coating

Mounting system
PROCLIP-C

Welded grid
RADIUS Z08075
Grid based on
a standard model



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Sejm of the Republic of Poland



Location
Lublin, Poland

Architect
Bieńkowski Lis Mierzwa Architects

Type of building
Office building

Material
Stainless steel

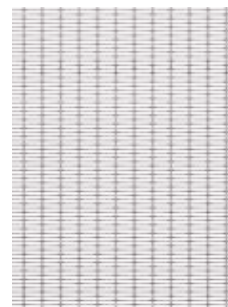
Finishing
Natural

Mounting system
PROCLIP-C

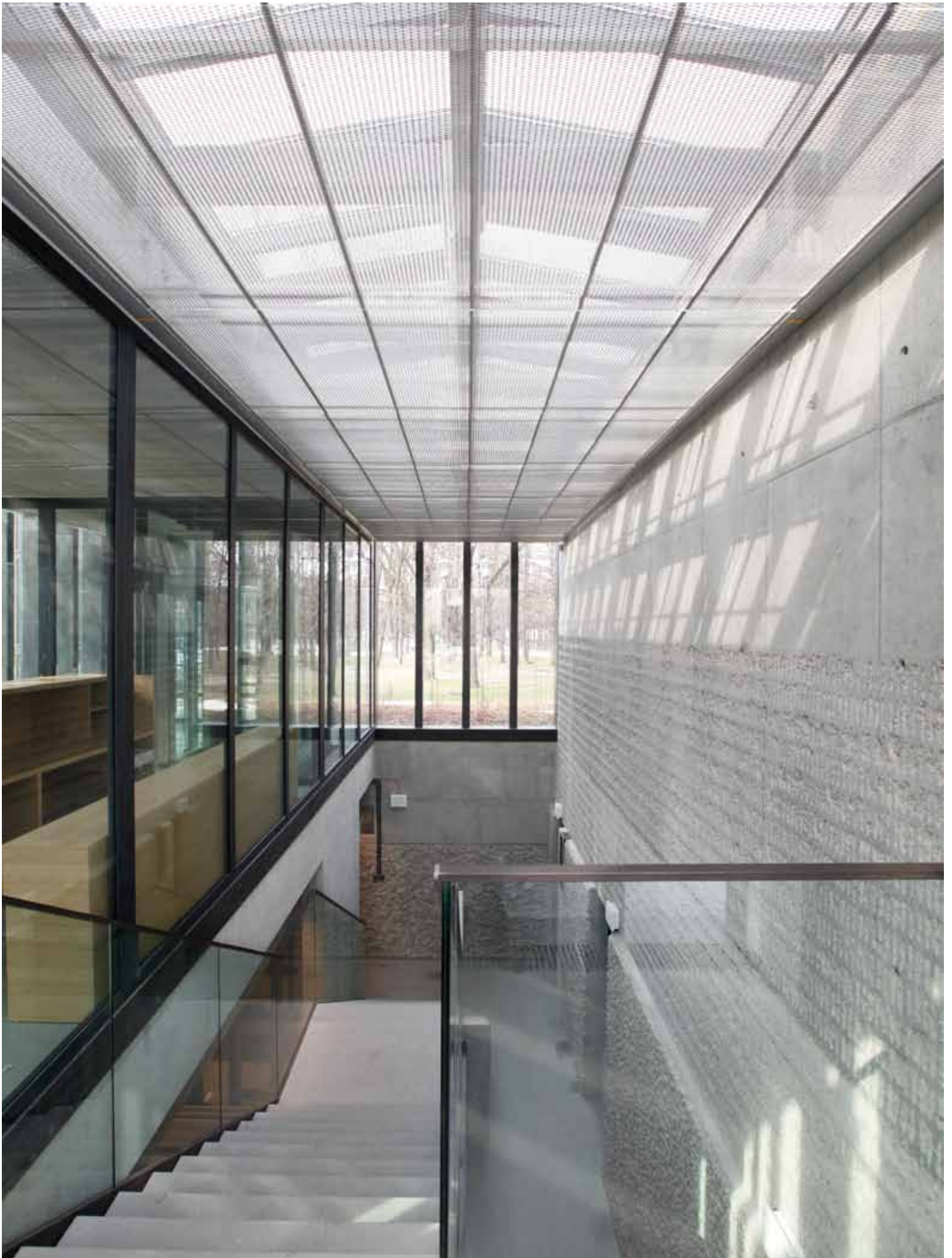


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Woven mesh
VIRGO P07020



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POLIN

Museum of the History of Polish Jews



Location
Warsaw, Poland

Architect
Lahdelma & Mahlamäki Architects
/ APA Kuryłowicz

Type of building
Cultural establishment

Material
Copper

Finishing
Riveting

Mounting system
Individual

Woven mesh
LEO P06090



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Underground passage



Location
Kraków, Poland

Architect
Agencja Architektoniczna Centrum

Type of building
Train stations and airports

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Welded grid
RADIUS Z08150
Grid based on
a standard model

Ssense



Location
Montréal, Canada

Architect
David Chipperfield Architects

Type of building
Shopping mall

Material
Stainless steel

Finishing
Pickling and passivation

Mounting system
PROCLIP-C



Welded grid
RADIUS Z08050
Grid based on
a standard model

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Green Wings



Location
Warsaw, Poland

Architect
JEMS Architects

Type of building
Office building

Material
Stainless steel

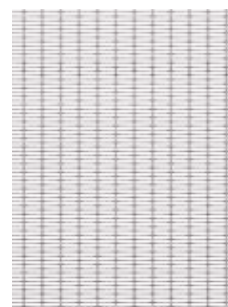
Finishing
Natural

Mounting system
PROCLIP-C

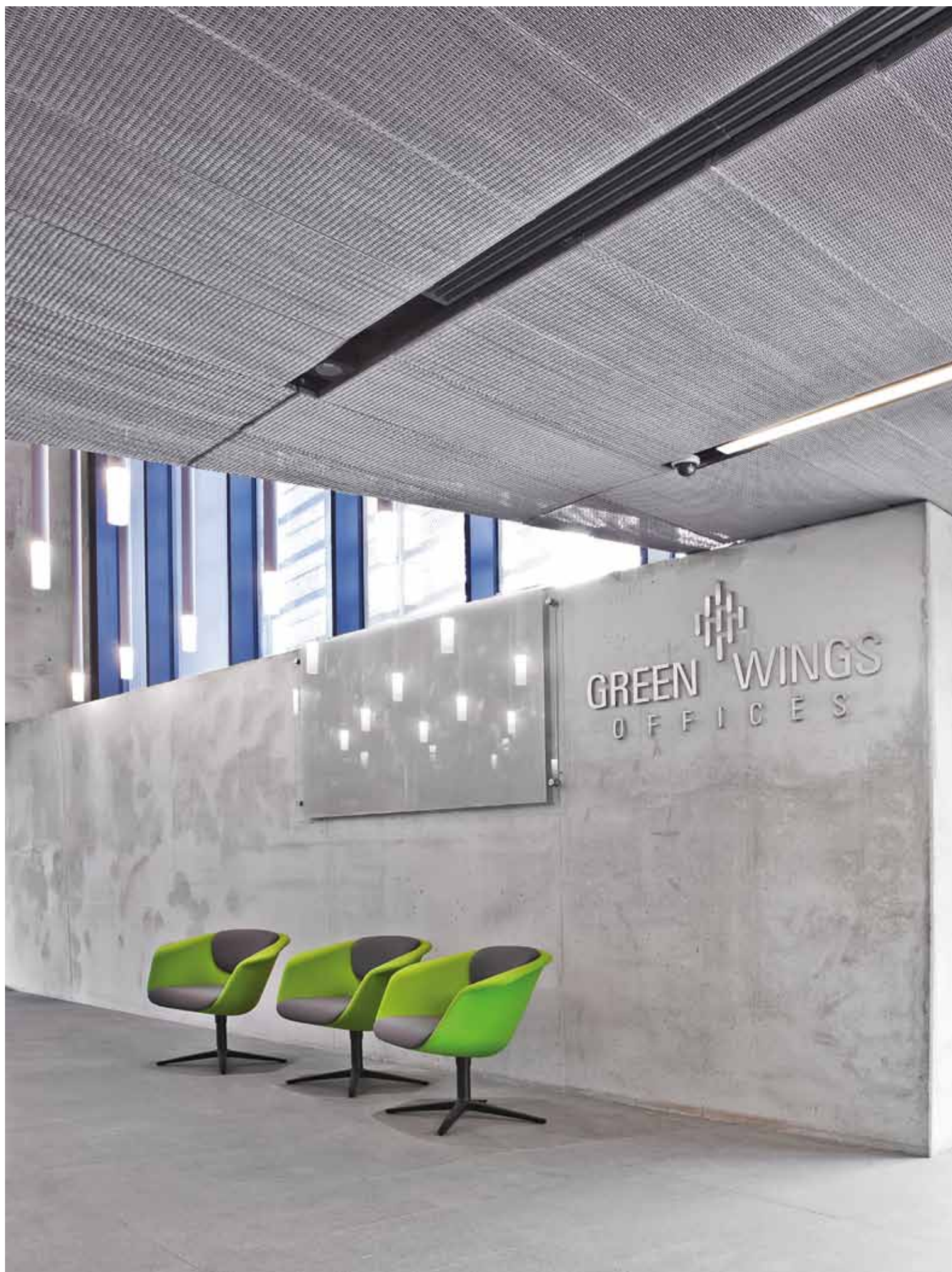


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Woven mesh
VIRGO P07020



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Center Rog



Location
Ljubljana, Slovenia

Architect
BAX Studio, Boris Bežan

Type of building
Public utility facility

Material
Pro-ZINAL®

Finishing
Powder coating

Mounting system
Individual

Welded grid
RADIUS Z10105



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Bespoke design



Easy assembly
and disassembly



Sun shading



Durability & resistance



Spatial effect



Low maintenance



Privacy & view protection



Eco-friendly



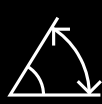
Free ventilation



Safety & access protection



Building redevelopment



Installation at any angle

Metal wall claddings

PROGRESS ARCHITECTURE metal wall cladding is the perfect solution for those wishing to give their interiors an original and modern character. Dedicated systems ensure easy assembly and disassembly and are the ideal choice not only for new buildings, but also for the modernization of existing facilities, providing a quick and effective interior metamorphosis. In addition, they offer effective solar protection, which translates into user comfort, and their low running costs make them an economic and ecological choice, in line with the principles of sustainable construction.

Academy of Physical Education



Location
Katowice, Poland

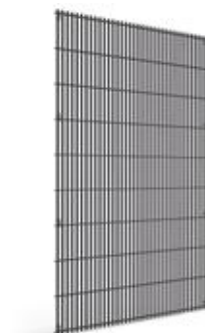
Architect
arch. Zbigniew Szponar

Type of building
Education

Material
Stainless steel

Finishing
Natural

Mounting system
PROBOLT-P



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Welded grid
RADIUS Z10250
Grid based on
a standard model

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First District



Location
Katowice, Poland

Architect
Medusa Group

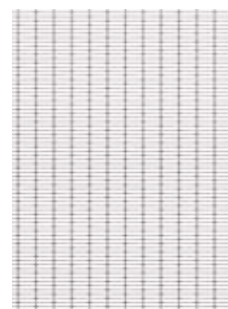
Type of building
Residential buildings

Material
Galvanized steel

Finishing
Wet painting

Mounting system
Individual

Woven mesh
LEO P06030



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Elektrownia Powiśle power station



Location
Warsaw, Poland

Architect
APA Wojciechowski Architects

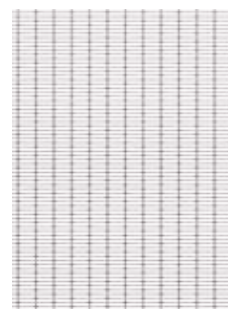
Type of building
Office building

Material
Stainless steel

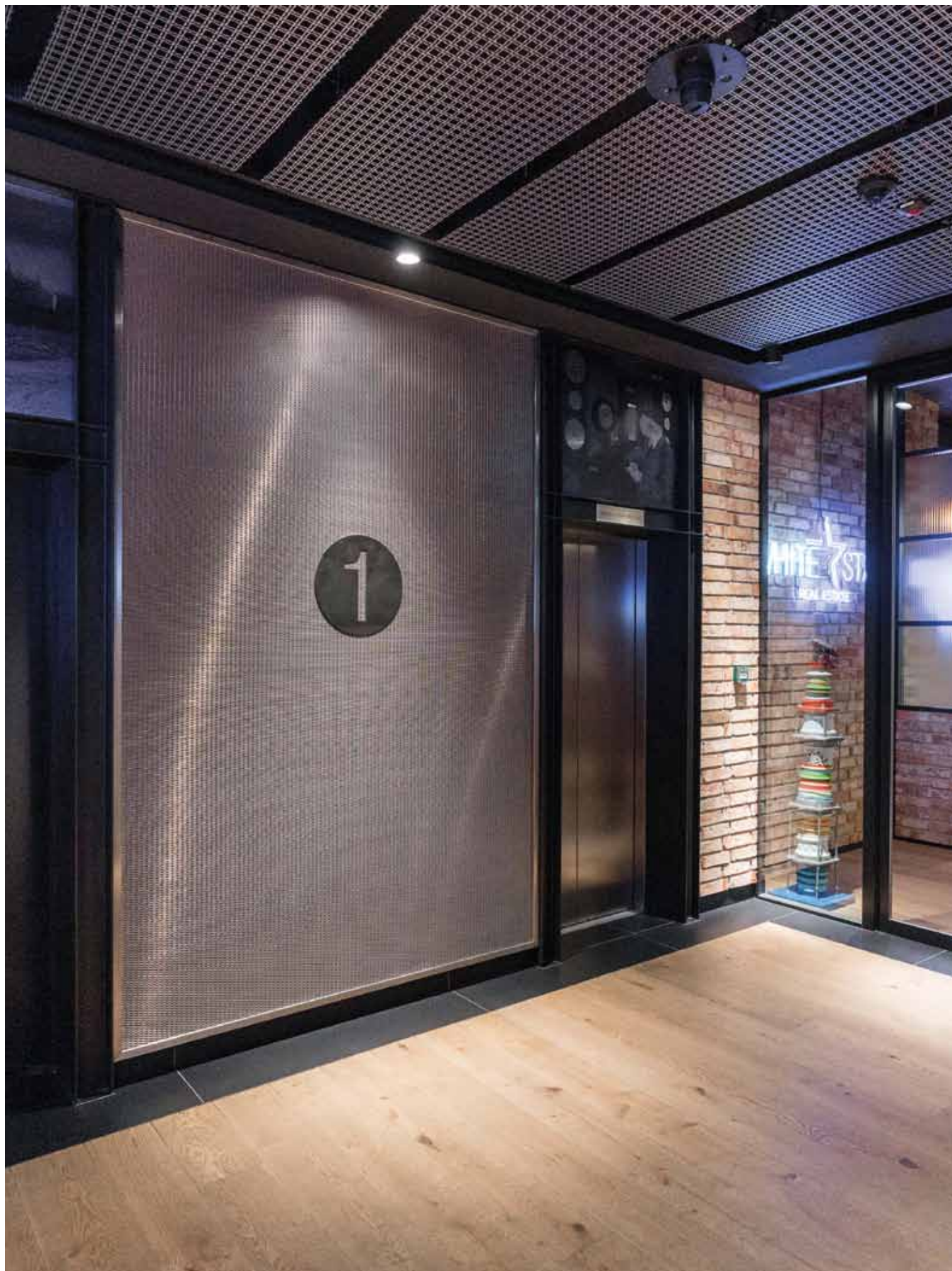
Finishing
Natural

Mounting system
Individual

Woven mesh
LEO P06030



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Green Wings

Location
Warsaw, Poland

Architect
JEMS Architekci

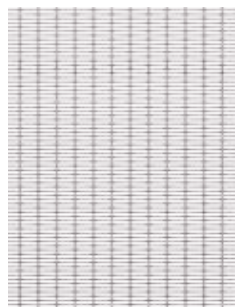
Type of building
Office building

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
VIRGO P07020



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Printemps



Location
Paris, France

Architect
Wilmotte & Associés Architectes

Type of building
Shopping center

Material
Pro-ZINAL®

Finishing
Powder coating



Mounting system
Individual

Woven mesh
GEMINI P03375
Mesh based on
a non-standard model

Polish Pharmacy Centre



Location
Warsaw, Poland

Architect
JEMS Architects

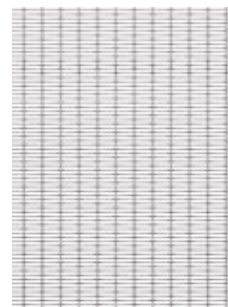
Type of building
Office building

Material
Stainless steel

Finishing
Electropolishing

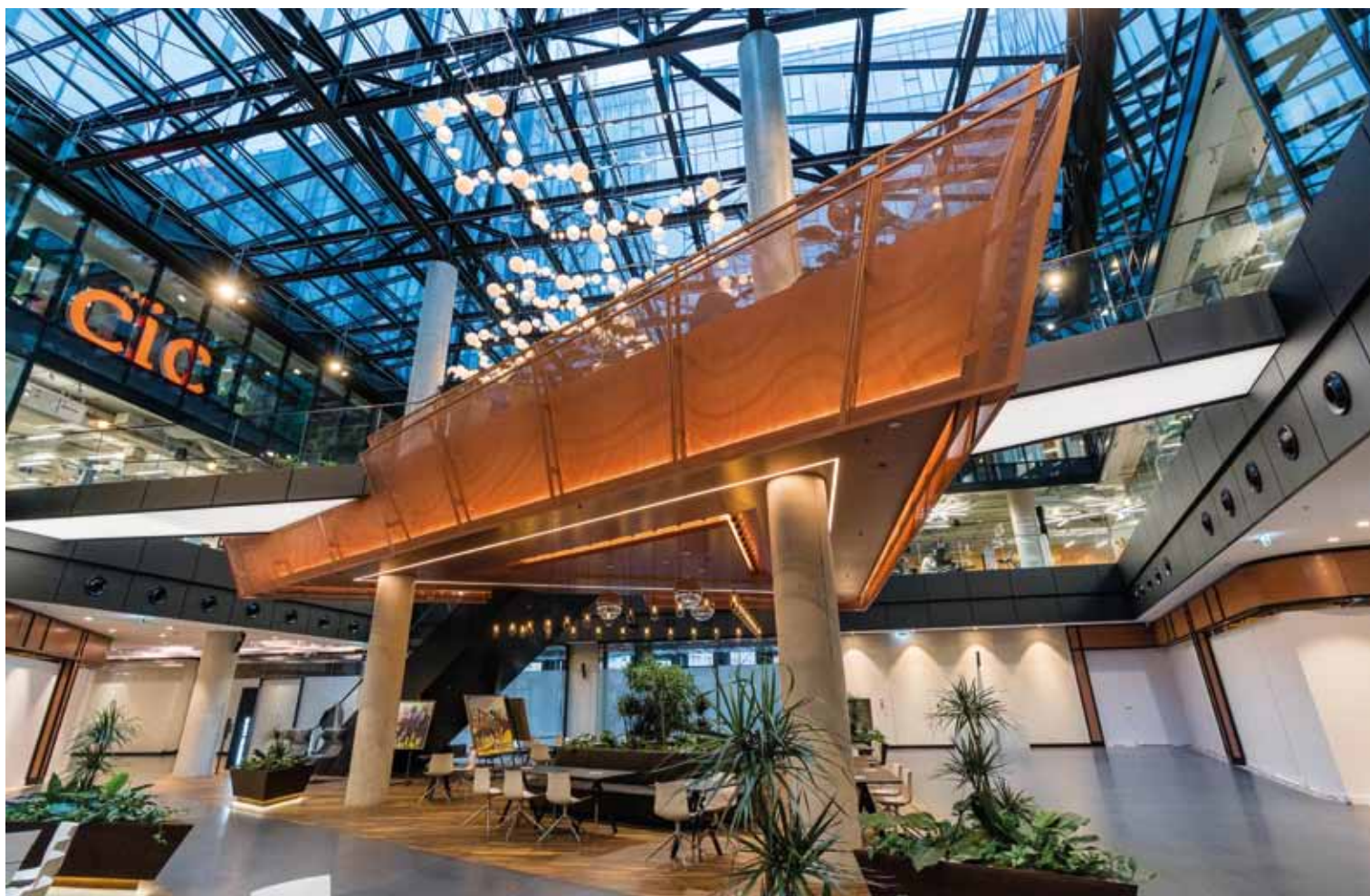
Mounting system
Individual

Woven mesh
VIRGO P07020



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Varso Place



Location
Warsaw, Poland

Architect
HRA Architects

Type of building
Office building

Material
Stainless steel

Finishing
Wet painting

Mounting system
Individual

Woven mesh
ARIES OL P01415



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Woven mesh
ARIES OL P01009
Mesh based on
a standard model

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Targi Kielce exhibition and congress center



Location
Kielce, Poland

Architect
Study and Design Studio Architects
Barbara Średniawa

Type of building
Public utility facility

Material
Stainless steel

Finishing
Natural

Mounting system
PROFRAME-C



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Woven mesh
SCORPIO P04015
Mesh based on
a standard model

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Woven mesh
EGIDA P14010
Mesh based on
a standard model

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The Park Warsaw



Location
Warsaw, Poland

Architect
APA Wojciechowski Architekci

Type of building
Office building

Material
Stainless steel

Finishing
Natural

Mounting system
PROFRAME-B

Woven mesh
OBERON P18150
Mesh based on
a non-standard model



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Kaczmarwski Inkasso



Location
Wrocław, Poland

Architect
Andrzej Krasowski BIOTERM
Design and Advertising Studio

Type of building
Office building

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
SAGITTARIUS P11432



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Bespoke design



Easy assembly
and disassembly



Spatial effect



Indoor & outdoor



Free ventilation



Durability & resistance



Safety & access protection



Low maintenance



Building redevelopment



Eco-friendly

More applications:
Balustrades
Drainage
Fences
Bridge enclosures

PROGRESS ARCHITECTURE metal applications, such as balustrades, drain channel covers, fencing and bridge enclosures, offer a wide range of possibilities to create an individual design that blends perfectly indoors and outdoors. Easy to assemble and disassemble, they are a highly versatile solution that can be quickly adapted and changed in appearance. Their main function is not only aesthetics, but also access security and user safety. In addition, their low cost of ownership and ability to be used in the refurbishment process make them an attractive, sustainable choice for any building project.

Nova Trading



Location
Toruń, Poland

Type of building
Office building

Material
Stainless steel

Finishing
Natural



Mounting system
Individual

Welded grid
LIGHT Z05040
Grid based on
a non-standard model

François Coty footbridge



Location
Puteaux, France

Architect
Agence AEI

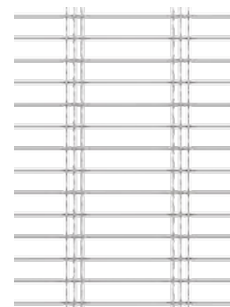
Type of building
Bridges and viaducts

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
SCORPIO P04010



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Woronicza Qubik



Location
Warsaw, Poland

Architect
Investment Environment Guy Perry

Type of building
Residential buildings

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
SCORPIO P04015
Mesh based on
a non-standard model

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Grand Hotel



Location
Kielce, Poland

Architect
DETAN Andrzej Detka

Type of building
Hotels and restaurants

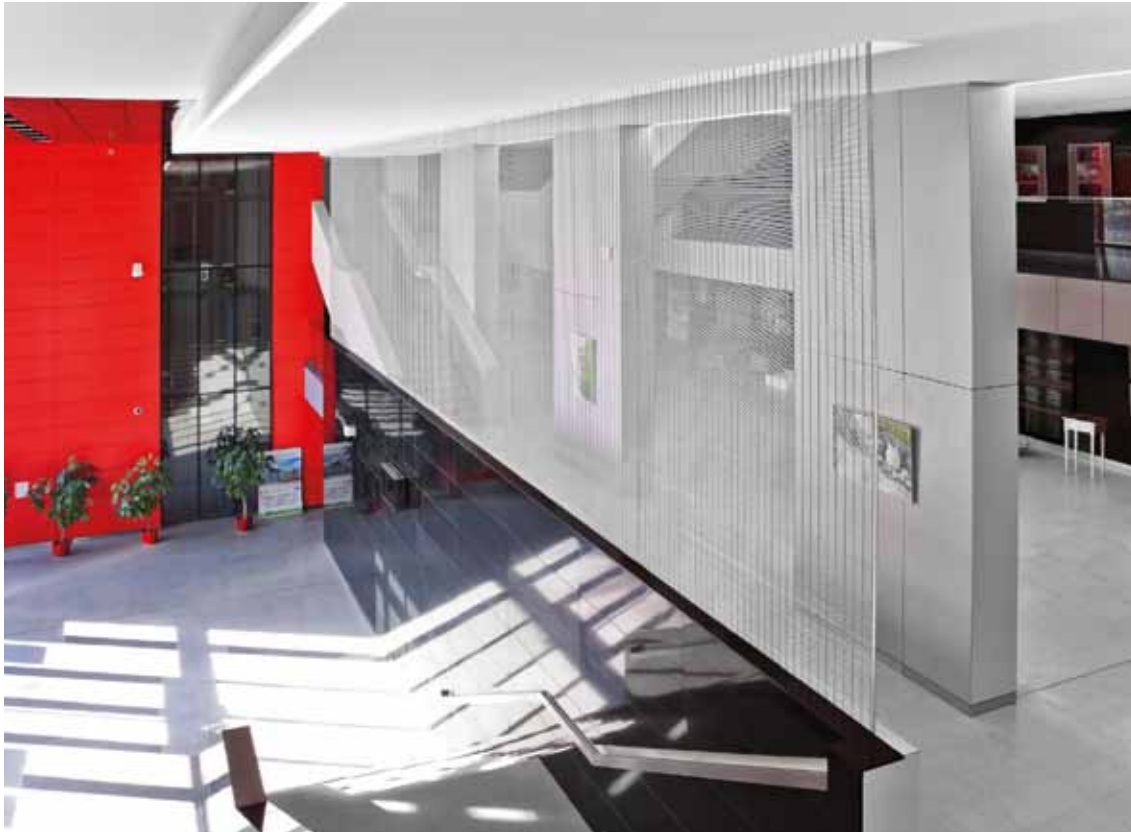
Material
Pro-ZINAL®

Finishing
Powder coating

Mounting system
Individual

Welded grid
ARRAS D01250
Grid based on
a standard model

Świętokrzyska Philharmonic



Location
Kielce, Poland

Architect
Piw-Paw Architects

Type of building
Cultural establishment

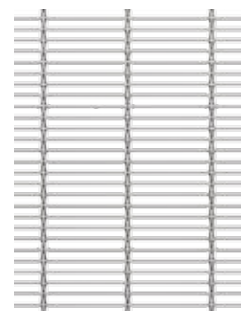
Material
Stainless steel

Finishing
Natural

Mounting system
PROFLEX-F



Woven mesh
SAGITTARIUS P11320





Targi Kielce exhibition and congress center



Location
Kielce, Poland

Architect
Study and Design Studio Architect
Barbara Średniawa

Type of building
Public utility facility

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Welded grid
RADIUS Z07200
RADIUS Z07140-400
Grids based on
standard models

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Famot



Location
Pleszew, Poland

Architect
Atelier Architektury s.c.

Type of building
Office building

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Welded grid
RADIUS Z07065



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Colisée Gardens – La Défense



Location
Paris, France

Architect
PANORAMA Architecture

Type of building
Office building

Material
Black steel

Finish:
Hot-dip galvanizing

Mounting system
Individual

Welded grid
ARRAS D10
Variable slot grid based
on a standard model



Elektrownia Powiśle power station



Location
Warsaw, Poland

Architect
APA Wojciechowski Architects

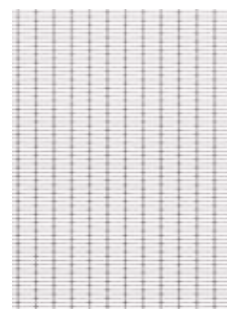
Type of building
Office building

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
LEO P06030



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Batignolles footbridge



Location
Paris, France

Architect
Wilkinson Eyre

Type of building
Bridges and viaducts

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Welded grid
FOBOS Sb33
Grid based on
a non-standard model



T12 Express tram station



Location
Paris, France

Architect
EGIS, Atelier Villes & Paysages,
Arcadis, Gautier + Conquet

Type of building
Railway stations and airports

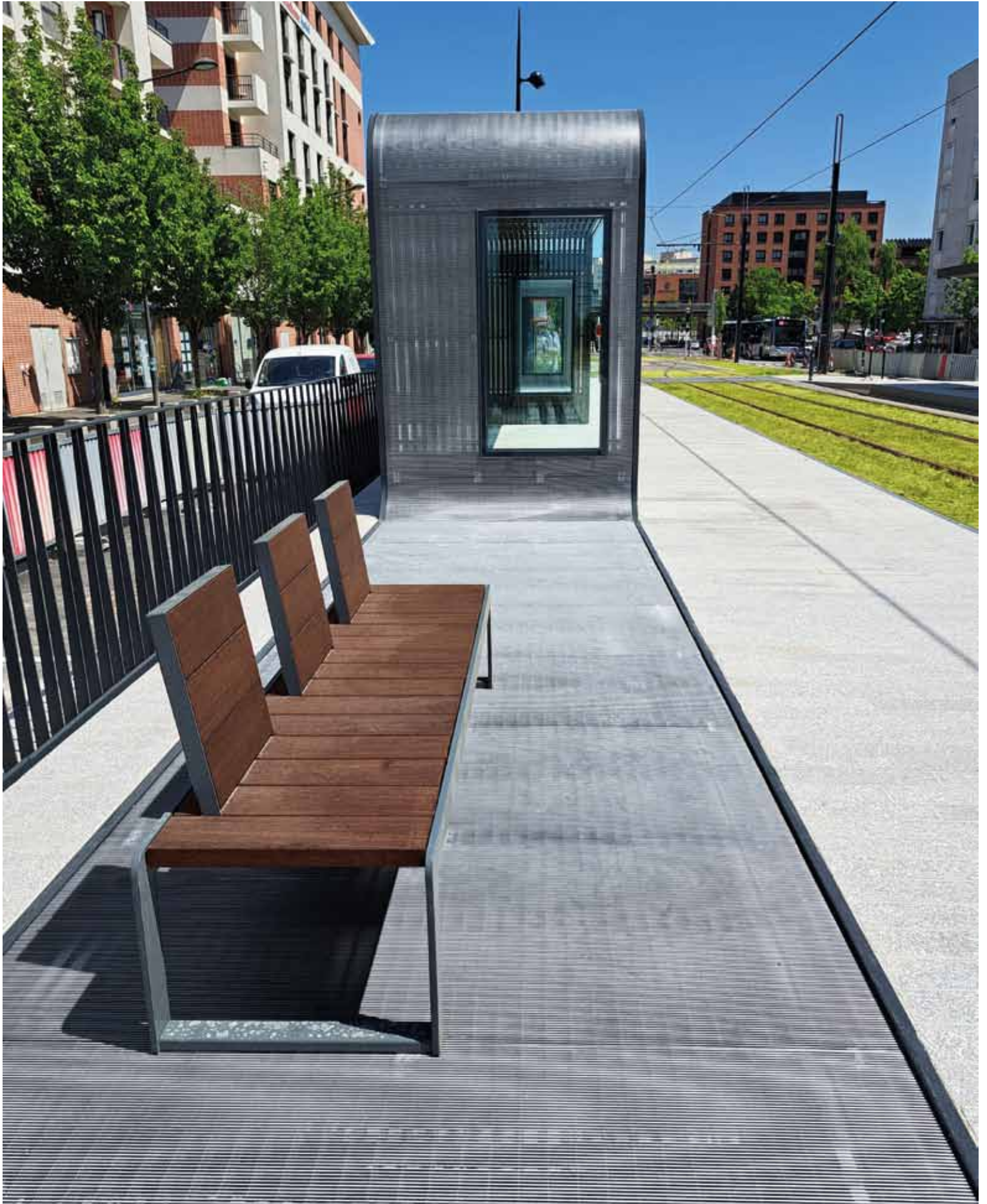
Material
Stainless steel

Finishing
Wall panels - natural,
floor panels - grit blasting

Mounting system
Individual

Welded grid
RADIUS Z07040
Grid based on
a standard model

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Pedestrian footbridge

Location
Zagórze Śląskie, Poland

Architect
Mosty Wrocław S.C.

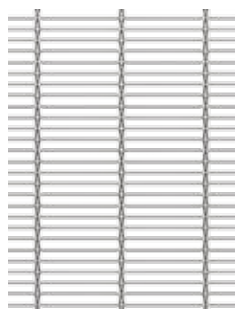
Type of building
Bridges and viaducts

Material
Stainless steel

Finishing
Natural

Mounting system
Individual

Woven mesh
AQUARIUS P10020



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Customised solutions

The possibility to customize and personalize solutions makes each project unique and one-of-a-kind.

Step-by-step configuration:

Step 1: Select the mesh or grid type, model and parameters

Step 2: Choose the material and surface finishing

Step 3: Choose the optimal mounting system

		Metal facade	Metal ceiling	Metal wall cladding
Woven wire mesh	SAGITTARIUS P11320	●		●
	SAGITTARIUS P11432	●		●
	SAGITTARIUS P11440	●		●
	VIRGO P07020	●	●	●
	SATURN P05130	●		●
	SATURN P05131	●		●
	SATURN P05136	●		●
	SATURN P05140	●		●
	SCORPIO P04010	●		●
	SCORPIO P04040	●	●	●
	SCORPIO P04020	●	●	●
	LEO P06040	●	●	●
	LEO P06090	●	●	●
	LEO P06030	●	●	●
	LEO P06075	●		●
	LEO P06051	●	●	●
	ARIES OL P01415	●		●
	ARIES P01035	●	●	●
	ARIES TL P01047	●	●	●
	TAURUS P02030	●	●	●
	EGIDA P14035	●		●
	ORION P17030	●		●
	AQUARIUS P10020	●	●	●
	AQUARIUS P10011	●	●	●
	AQUARIUS P10021	●	●	●
Welded grid	RADIUS Z07065	▼	▼	▼
	RADIUS Z07105	▼	▼	▼
	RADIUS Z07115	▼	▼	▼
	RADIUS Z07165	▼	▼	▼
	RADIUS Z10080	▼	▼	▼
	RADIUS Z10105	▼	▼	▼
	RADIUS Z10155	▼	▼	▼
	ARRAS D08100	▼		▼
	ARRAS D08160	▼		▼
	FLASH Z02170		▼	

Architectural mesh and grid models

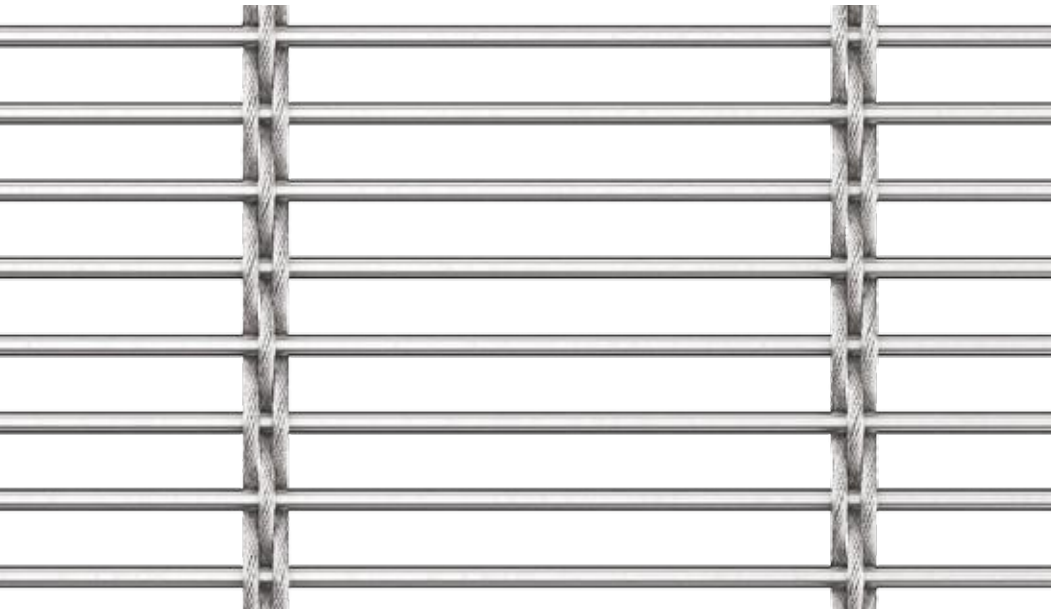
Step 1: Select the mesh or grid type, model
and parameters

Step 2: Choose the material and surface
finishing

Step 3: Choose the optimal mounting system

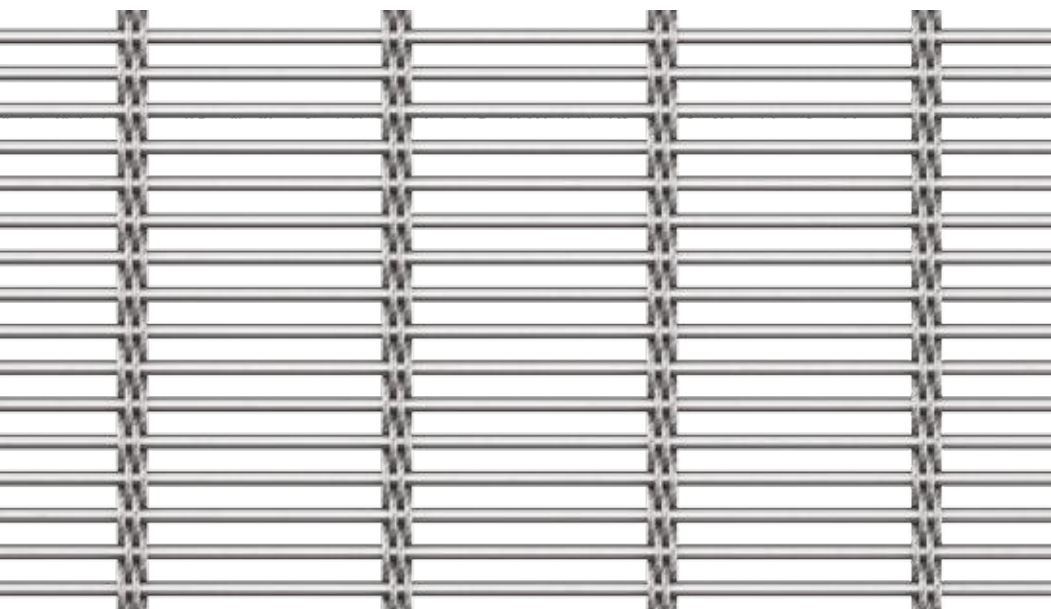
Woven wire mesh

Woven round and flat wire mesh is the essence of modern design and inspires unique architectural creations. The wide range of models allows the spacing and weight to be adapted to individual design requirements. Their versatility allows them to be used in a variety of contexts, from facades and suspended ceilings to interior design elements and decorative garden features. Woven wire mesh is characterized by its exceptional flexibility, allowing the use of large panels with special tensioning systems.



SAGITTARIUS P11320

Open area	66,1%
Mesh	7,5 x 74,0 mm
Weight	6,1-6,2 kg/m²
Max. width	4000 mm
Material	stainless steel

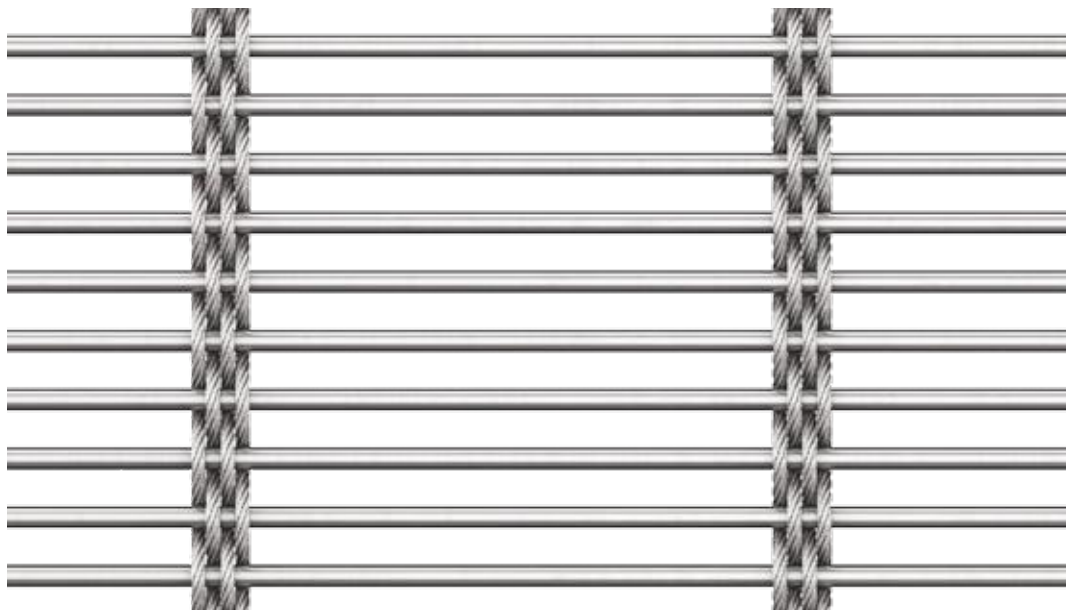


SAGITTARIUS P11432

Open area	53,3%
Mesh	3,0 x 32,0 mm
Weight	5,6 kg/m²
Max. width	4000 mm
Material	stainless steel

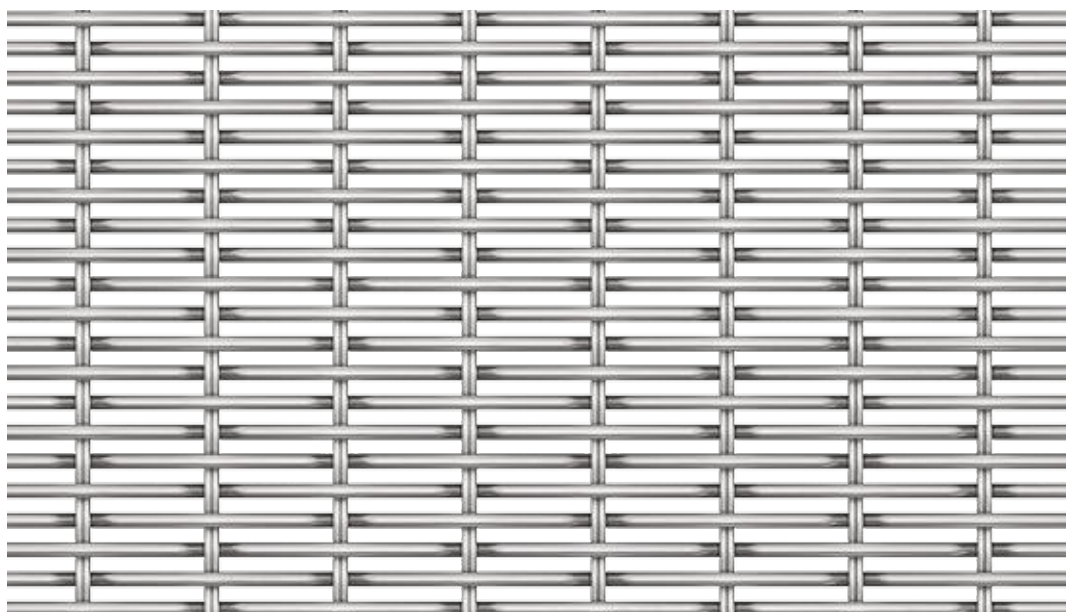
SAGITTARIUS P11440

Open area	56,2%
Mesh	5,0 x 71,0 mm
Weight	7,8-7,9 kg/m ²
Max. width	4000 mm
Material	stainless steel



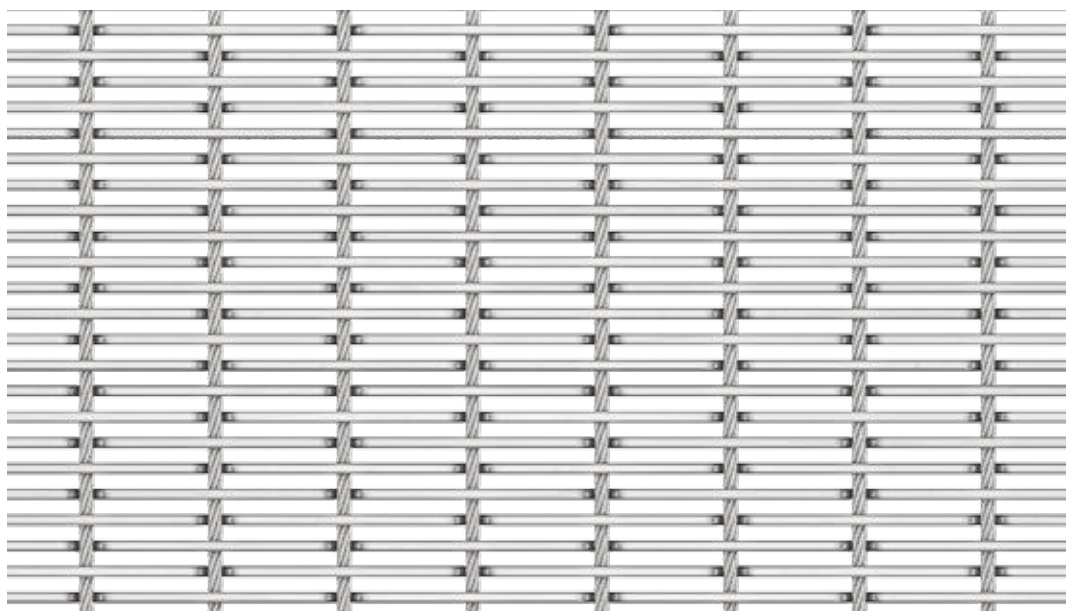
VIRGO P07020

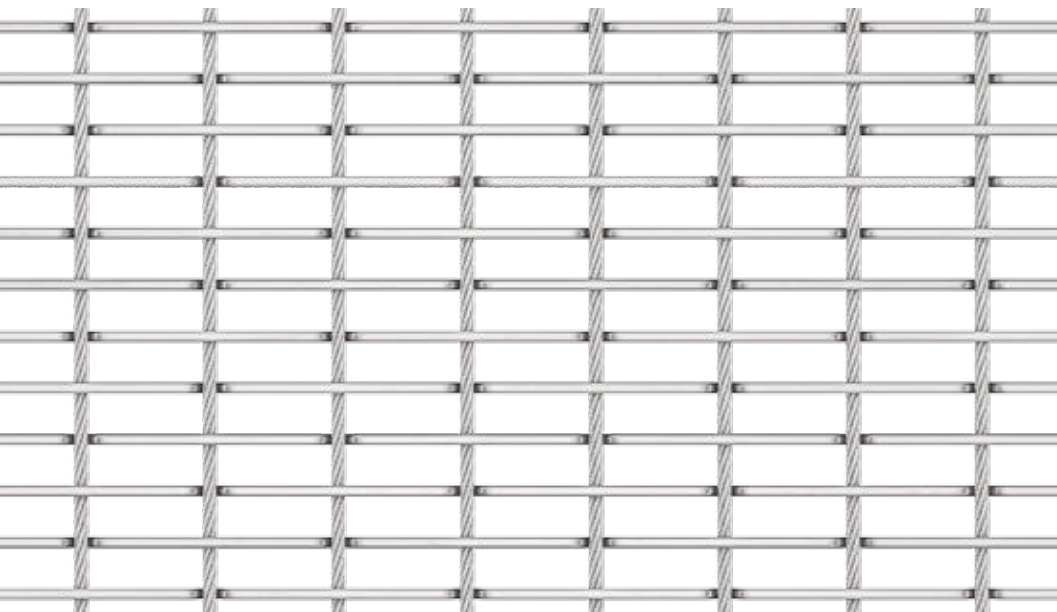
Open area	43,3%
Mesh	2,0 x 15,5 mm
Weight	7,9-8,0 kg/m ²
Max. width	4000 mm
Material	stainless steel galvanized steel



SATURN P05130

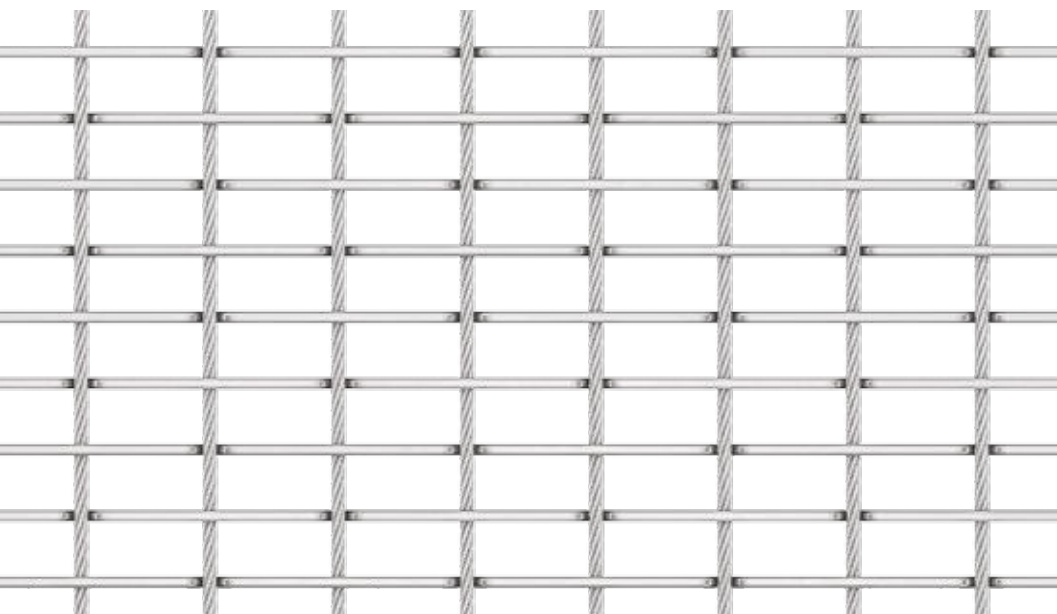
Open area	50,6%
Mesh	2,0 x 15,5 mm
Weight	5,2 kg/m ²
Max. width	4000 mm
Material	stainless steel





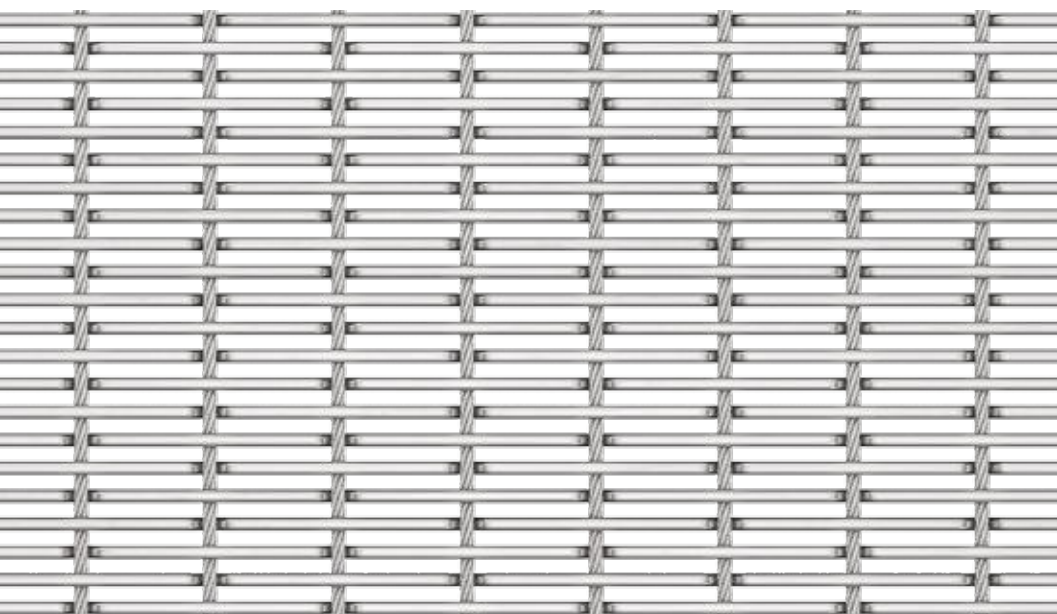
SATURN P05131

Open area	64,4%
Mesh	4,0 x 15,5 mm
Weight	3,7 kg/m ²
Max. width	4000 mm
Material	stainless steel



SATURN P05136

Open area	70,9%
Mesh	6,0 x 15,5 mm
Weight	2,9-3,0 kg/m ²
Max. width	4000 mm
Material	stainless steel

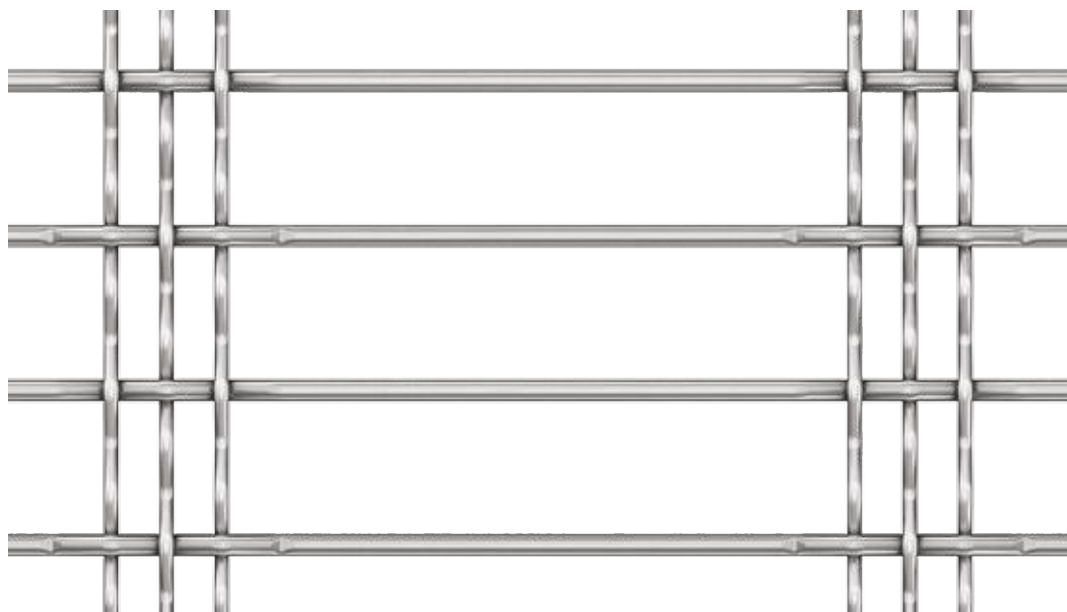


SATURN P05140

Open area	46,6%
Mesh	2,0 x 15,5 mm
Weight	6,7-6,8 kg/m ²
Max. width	4000 mm
Material	stainless steel

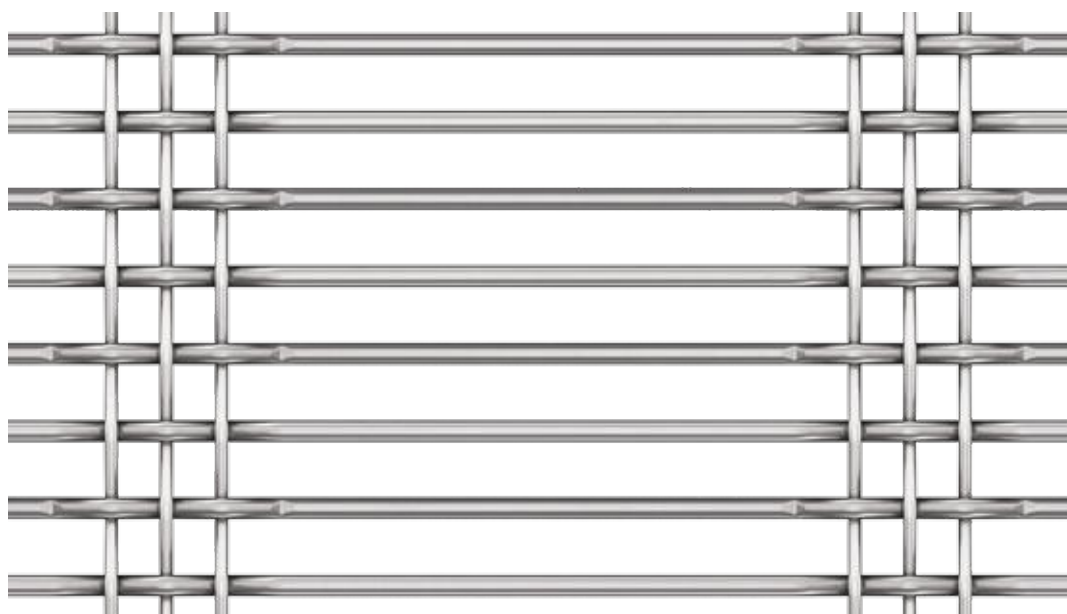
SCORPIO P04010

Open area	80%
Mesh	18,0 x 84,0 mm
Weight	3,8 kg/m ²
Max. width	4000 mm
Material	stainless steel Pro-ZINAL® galvanized steel



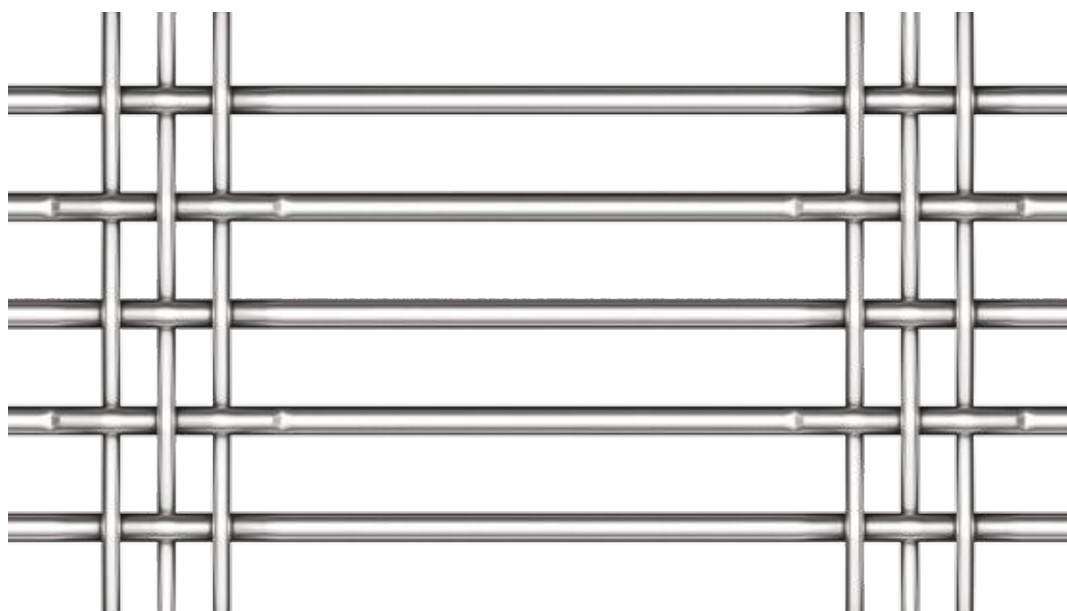
SCORPIO P04040

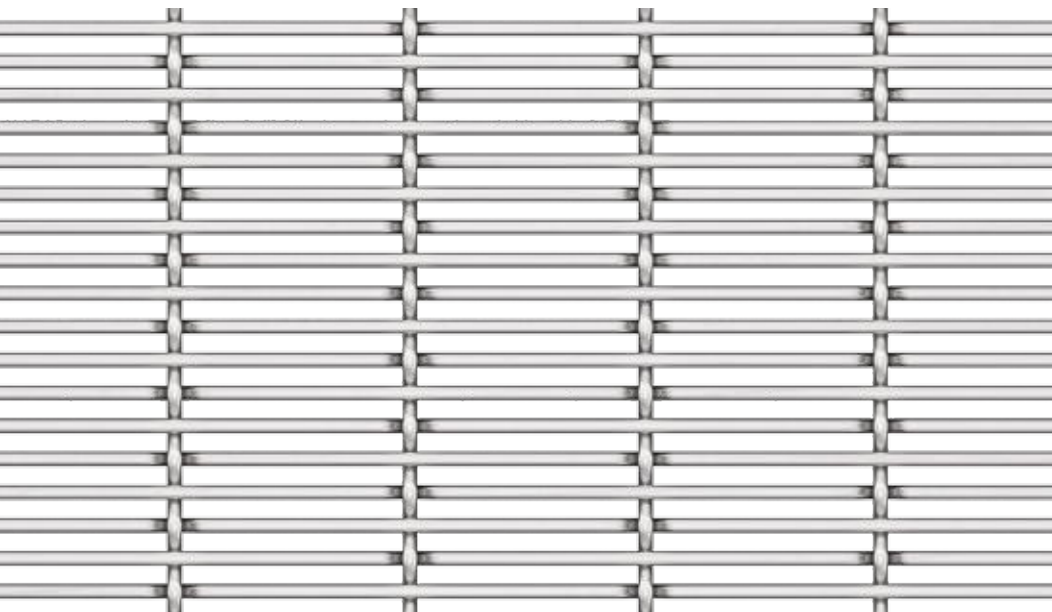
Open area	67,1%
Mesh	7,5 x 84,0 mm
Weight	6,5-6,6 kg/m ²
Max. width	4000 mm
Material	stainless steel Pro-ZINAL® galvanized steel



SCORPIO P04020

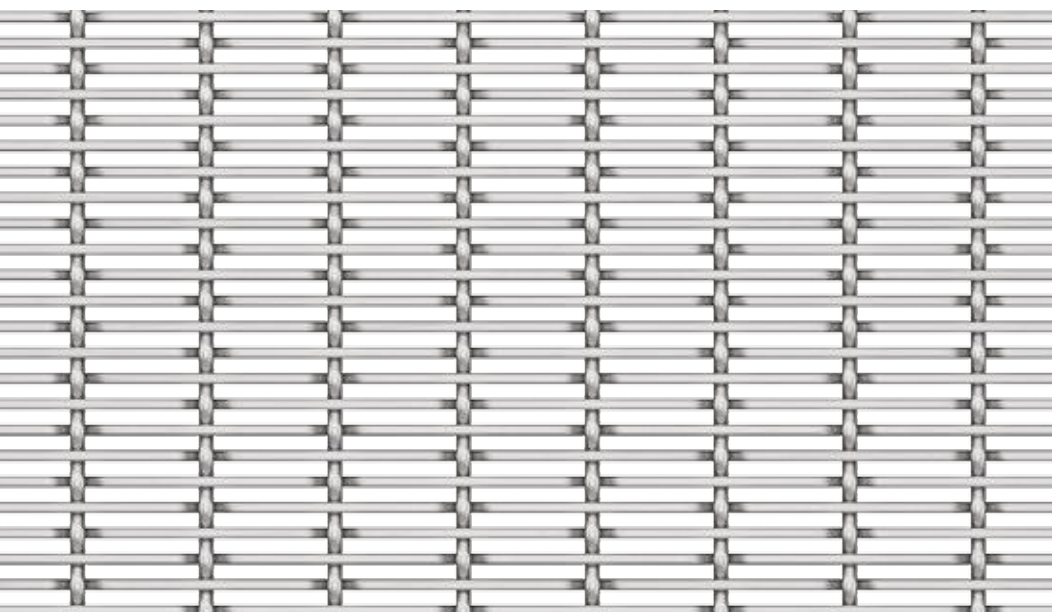
Open area	67,3%
Mesh	11,0 x 84,0 mm
Weight	8,6-8,7 kg/m ²
Max. width	4000 mm
Material	stainless steel Pro-ZINAL® galvanized steel





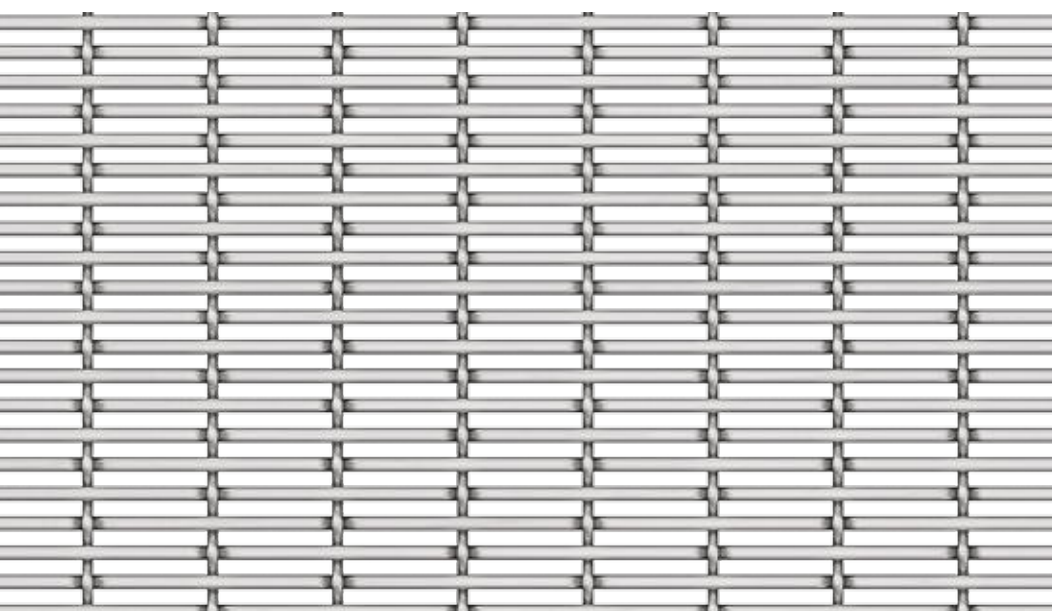
LEO P06040

Open area	52,1%
Mesh	2,5 x 30,0 mm
Weight	6,9-7,0 kg/m²
Max. width	4000 mm
Material	stainless steel Pro-ZINAL® galvanized steel



LEO P06090

Open area	50,6%
Mesh	2,0 x 15,5 mm
Weight	2,0-6,7 kg/m²
Max. width	4000 mm
Material	stainless steel galvanized steel aluminium copper brass bronze

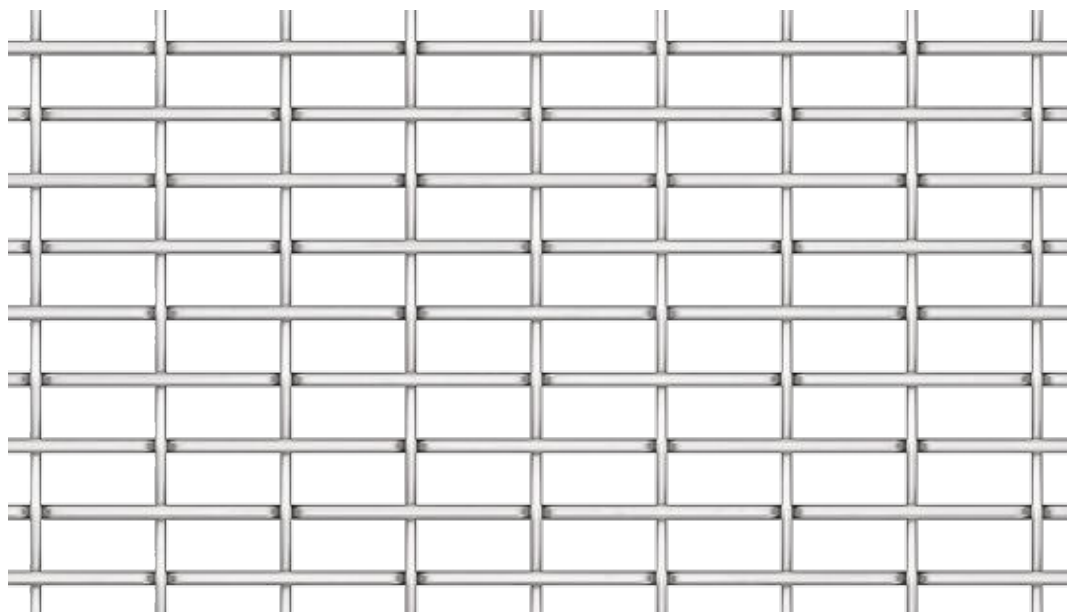


LEO P06030

Open area	45,6%
Mesh	2,0 x 15,5 mm
Weight	2,6-8,3 kg/m²
Max. width	4000 mm
Material	stainless steel galvanized steel aluminium copper brass bronze

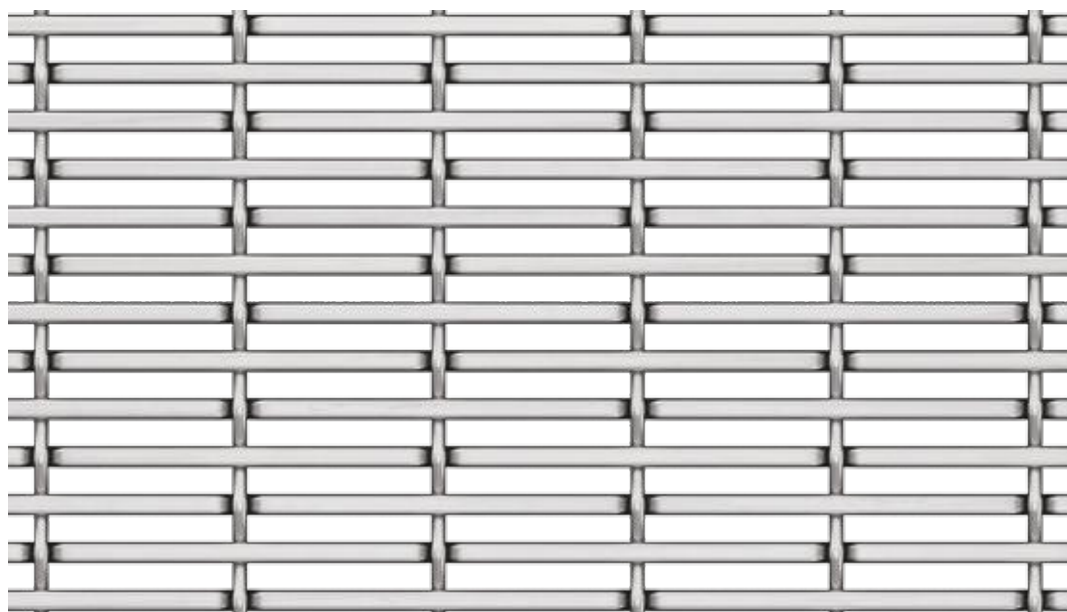
LEO P06075

Open area	70,9%
Mesh	7,0 x 15,5 mm
Weight	1,3-4,4 kg/m²
Max. width	4000 mm
Material	stainless steel galvanized steel aluminium copper brass bronze



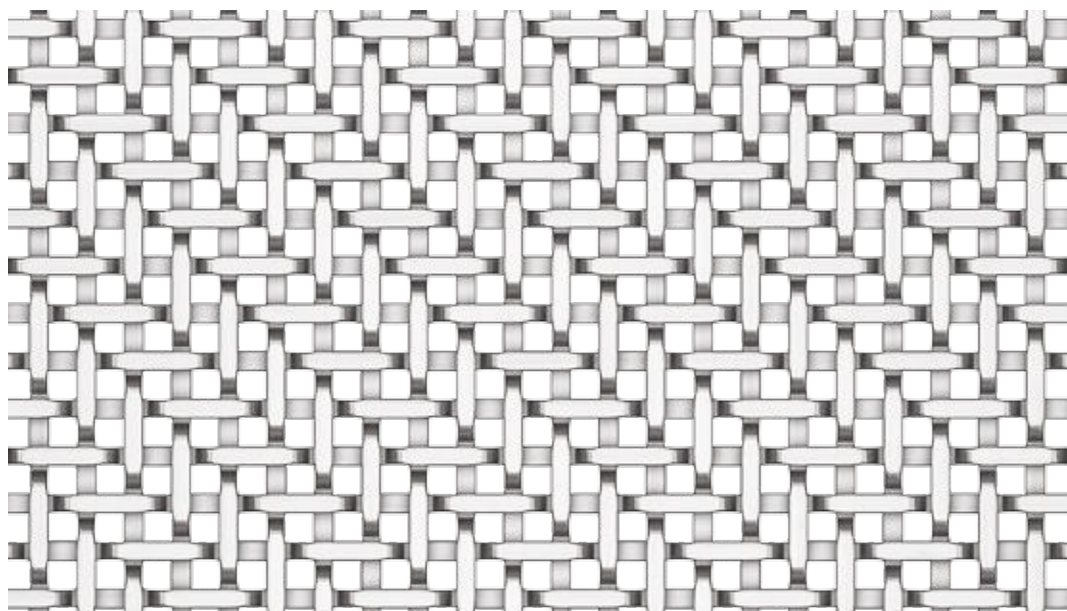
LEO P06051

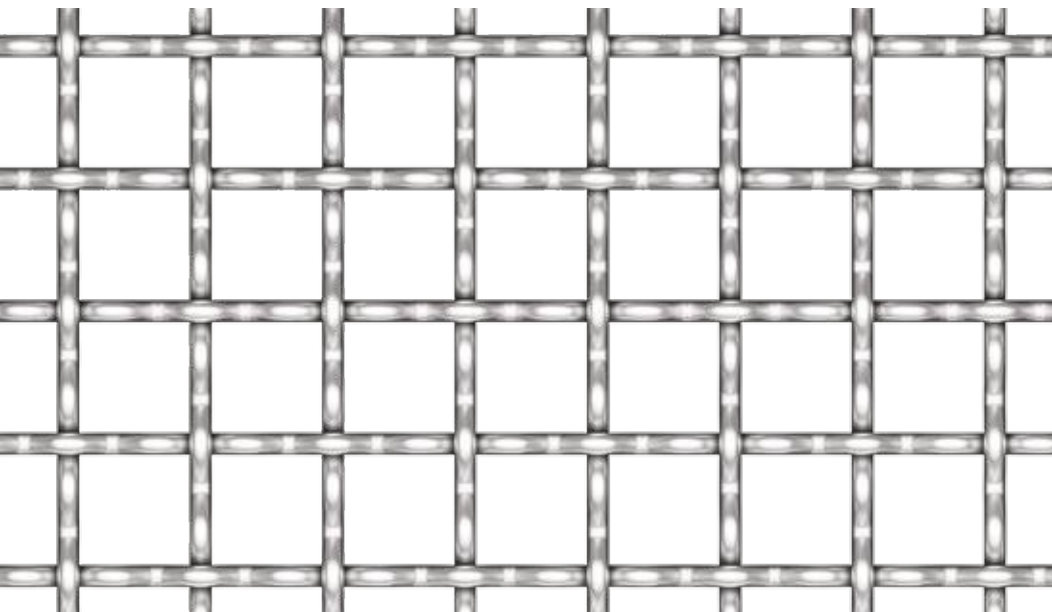
Open area	49,9%
Mesh	25,0 x 3,5 mm
Weight	3,3-10,8 kg/m²
Max. width	4000 mm
Material	stainless steel Pro-ZINAL® galvanized steel aluminium copper brass bronze



ARIES OL P01415

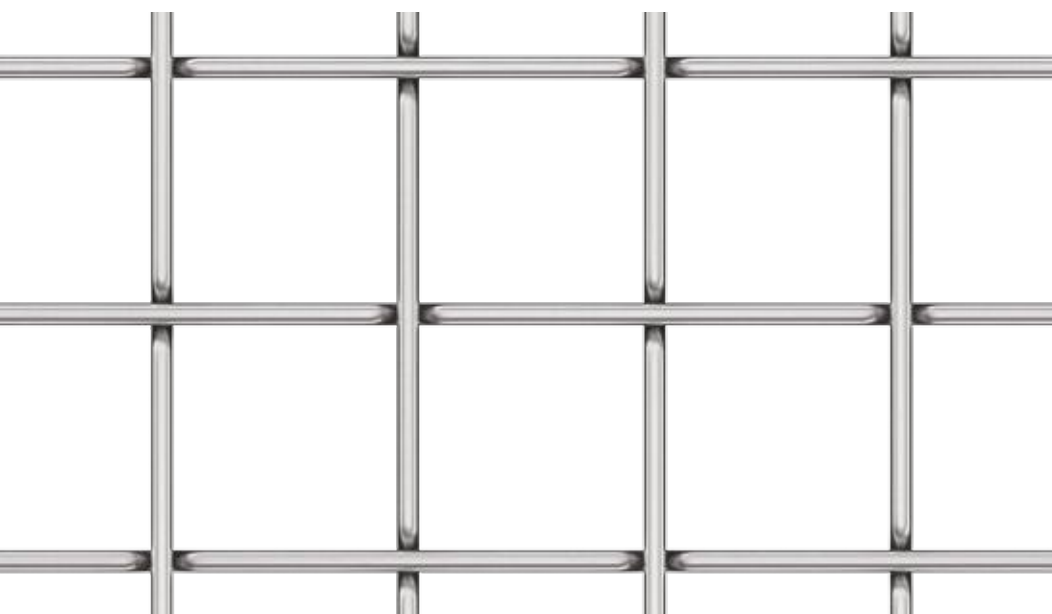
Open area	41,4%
Mesh	4,15 x 4,15 mm
Weight	10,9-12,3 kg/m²
Max. width	4000 mm
Material	stainless steel copper brass bronze





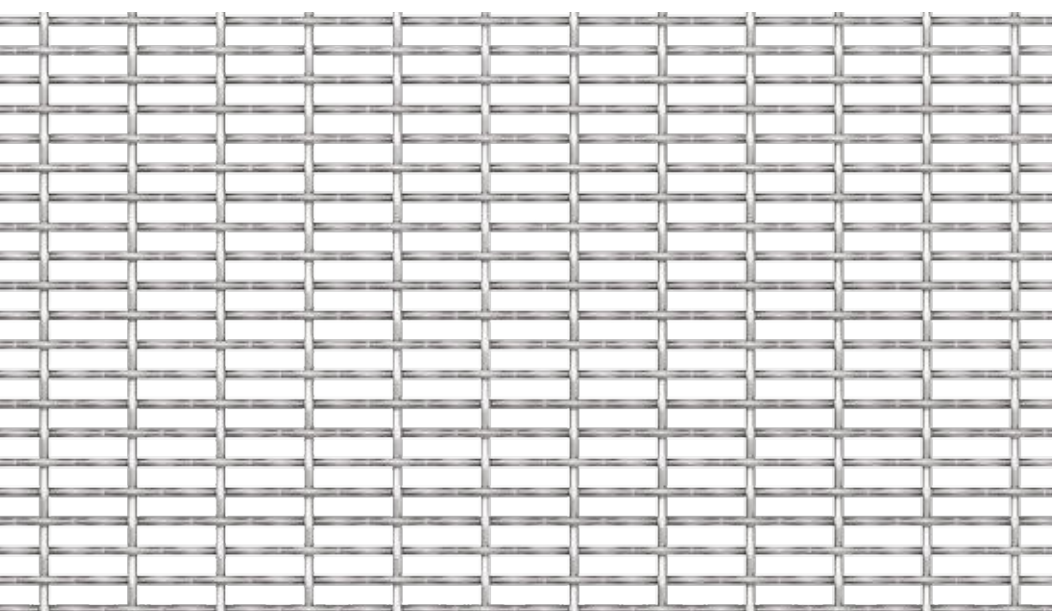
ARIES P01035

Open area	69,4%
Mesh	15,0 x 15,0 mm
Weight	2,7-8,3 kg/m²
Max. width	3000 mm
Material	stainless steel Pro-ZINAL® galvanized steel copper brass bronze



ARIES TL P01047

Open area	80,2%
Mesh	30,0 x 30,0 mm
Weight	1,7-5,4 kg/m²
Max. width	3000 mm
Material	stainless steel Pro-ZINAL® aluminium galvanized steel copper brass bronze

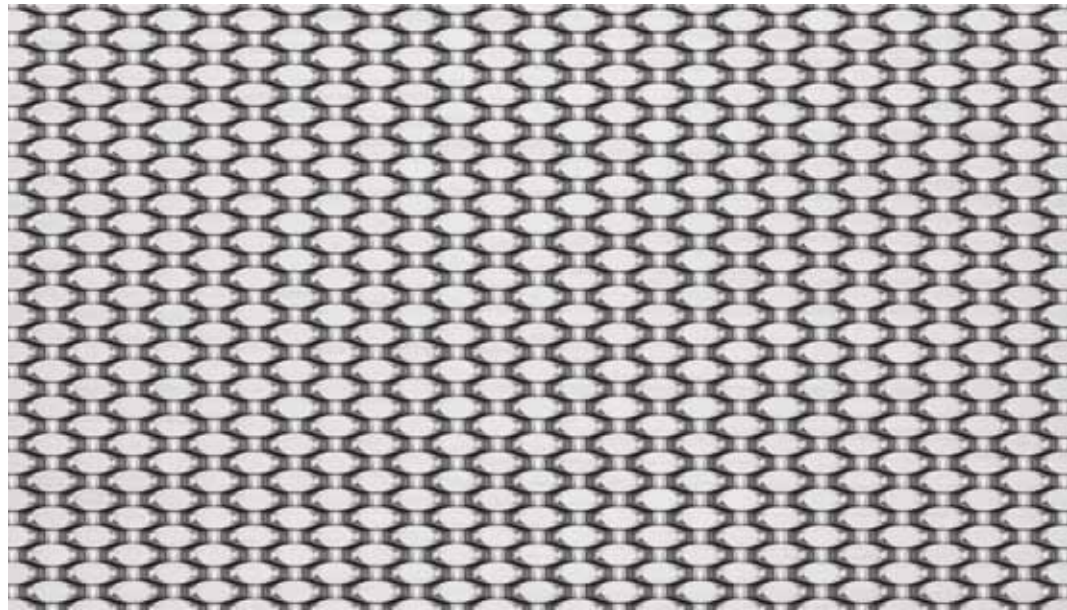


TAURUS P02030

Open area	63%
Mesh	2,8 x 10,8 mm
Weight	3,3 kg/m²
Max. width	3000 mm
Material	stainless steel galvanized steel

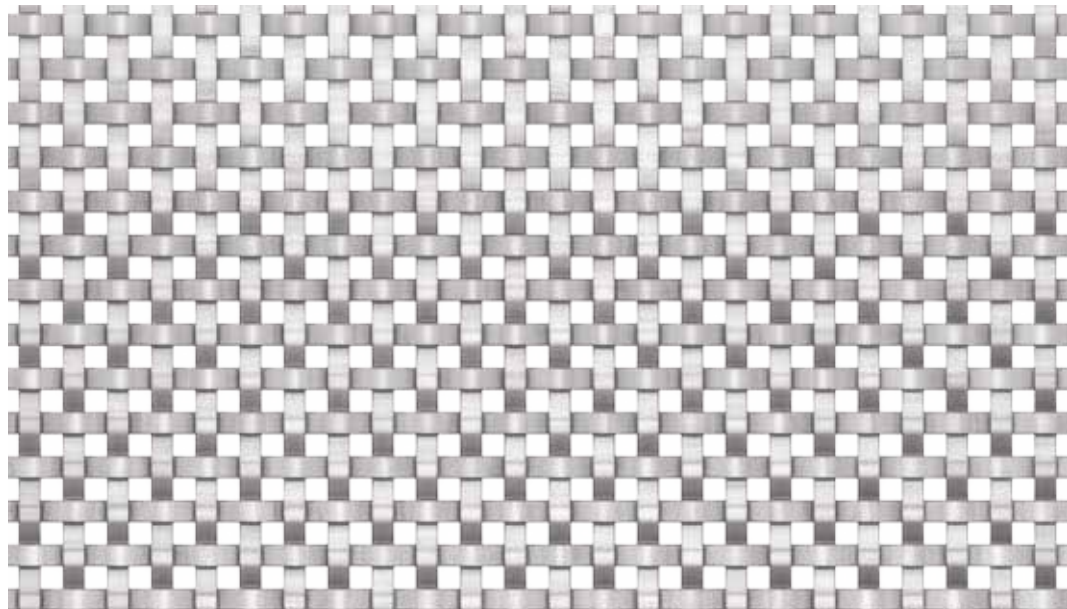
EGIDA P14035

Open area	0%
Mesh	0,0 x 3,5 mm
Weight	21,6–24,3 kg/m²
Max. width	3000 mm
Material	stainless steel Pro-ZINAL® galvanized steel copper brass bronze



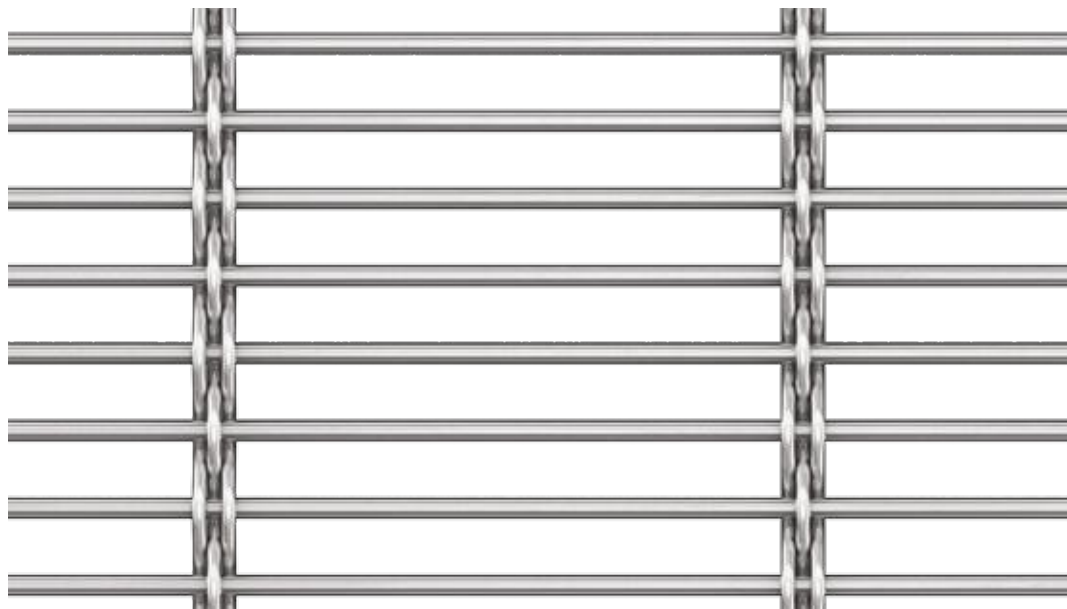
ORION P17030

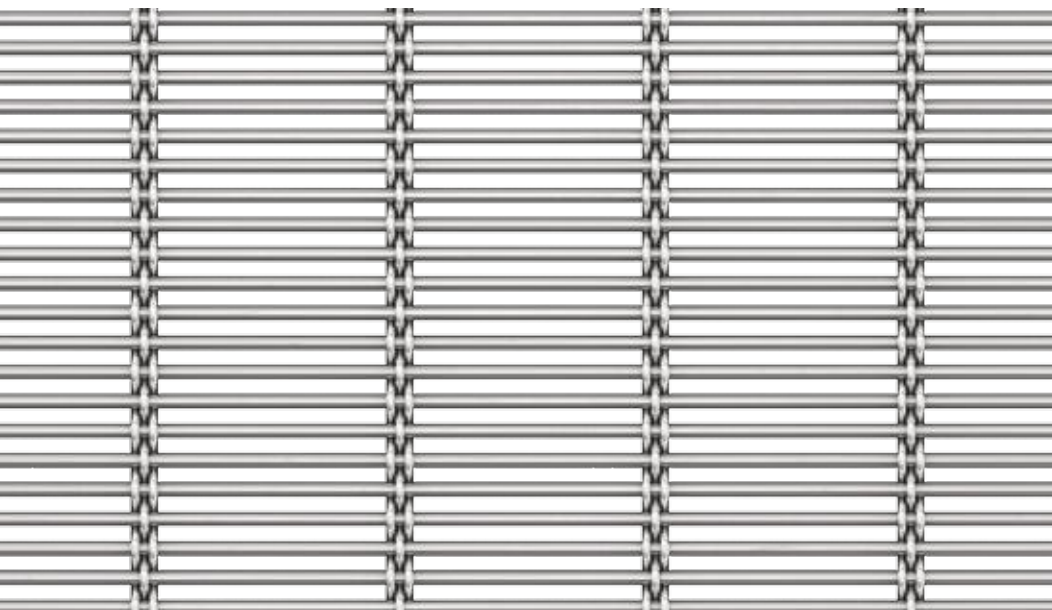
Open area	25%
Mesh	3,0 x 3,0 mm
Weight	8,7–8,8 kg/m²
Max. width	3000 mm
Material	stainless steel galvanized steel



AQUARIUS P10020

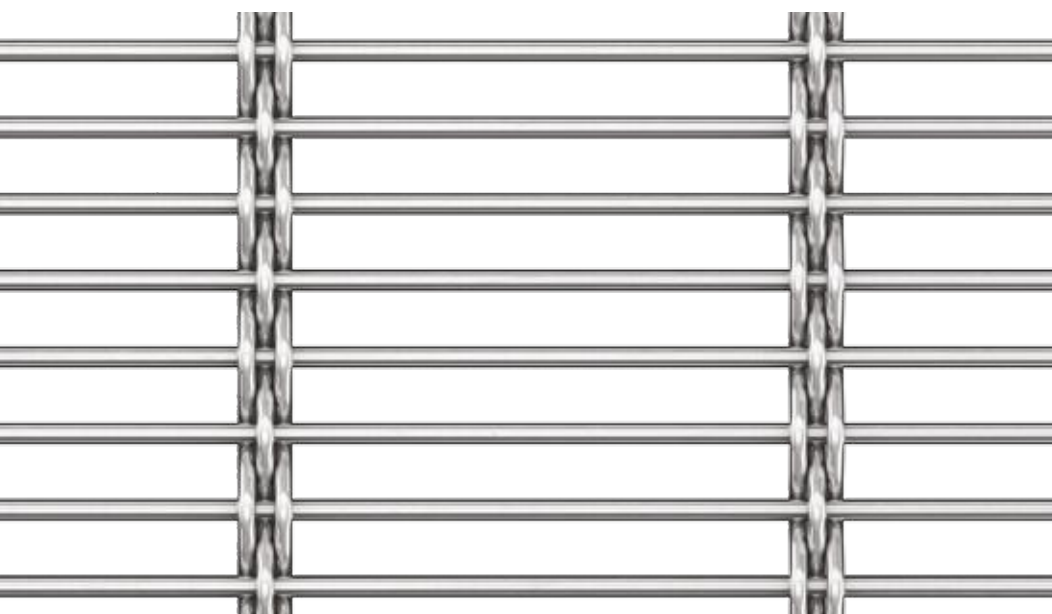
Open area	66,1%
Mesh	74,0 x 7,5 mm
Weight	2,2–7,3 kg/m²
Max. width	3000 mm
Material	stainless steel Pro-ZINAL® galvanized steel aluminium copper brass bronze





AQUARIUS P10011

Open area	44,6%
Mesh	31,0 x 2,0 mm
Weight	7,2-7,3 kg/m²
Max. width	3000 mm
Material	stainless steel



AQUARIUS P10021

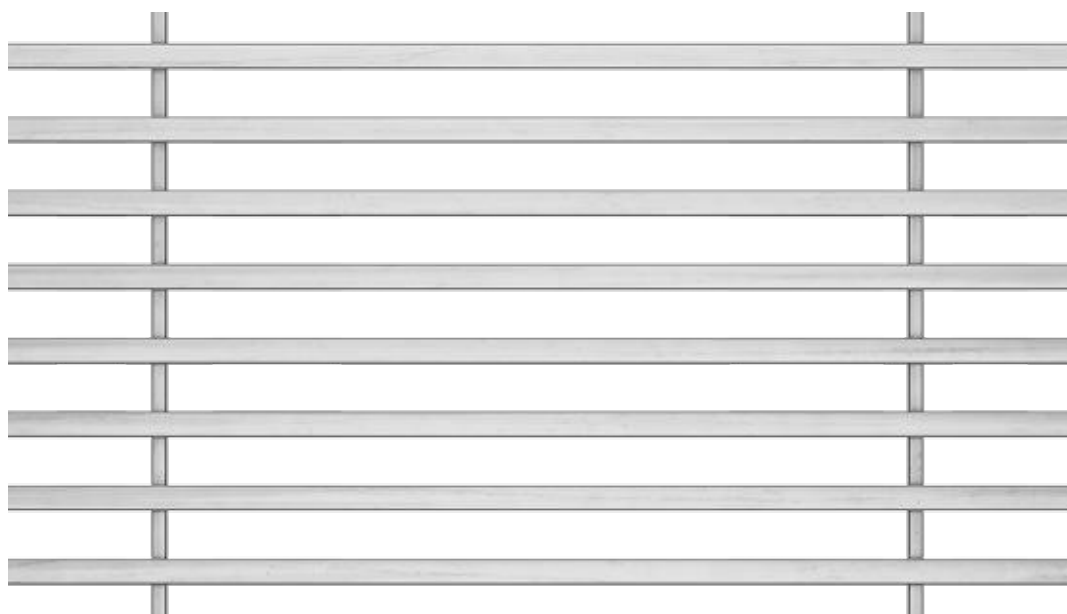
Open area	64%
Mesh	67,5 x 7,4 mm
Weight	2,5-8,2 kg/m²
Max. width	3000 mm
Material	stainless steel Pro-ZINAL® galvanized steel aluminium copper brass bronze

Welded grid

Welded grids with profiled wires are design and finishing elements that stand out for their enormous potential and versatility. Their minimalist design and disciplined shape make them ideal solutions for creating modern interiors and spaces. Advanced electrofusion welding technologies and a special structure give them exceptional strength, rigidity, and load-bearing capacity. Dedicated to indoor and outdoor applications, they meet the highest quality requirements and design objectives.

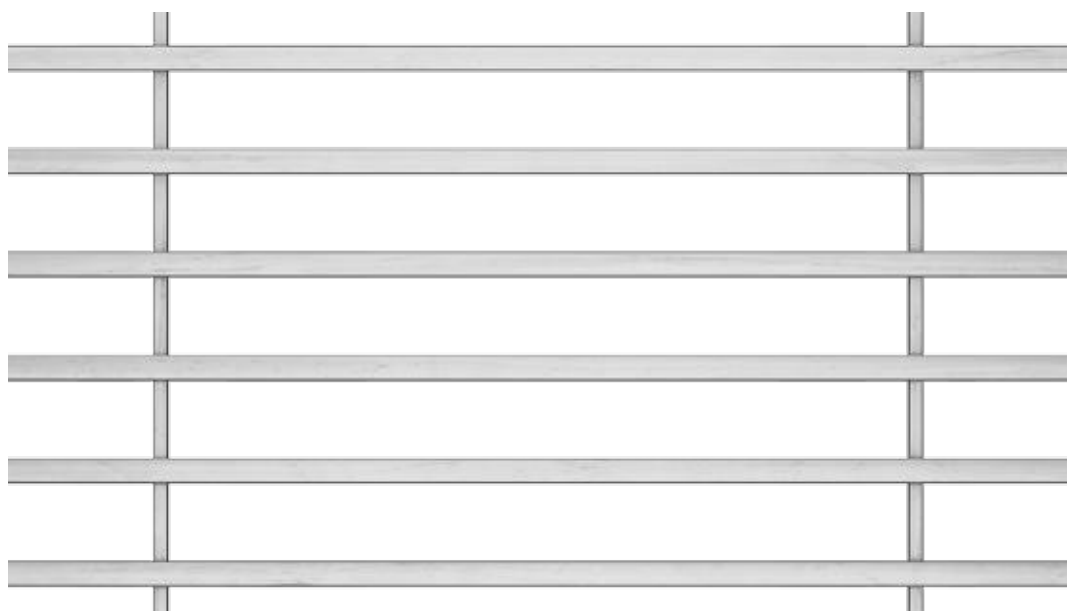
RADIUS Z07065

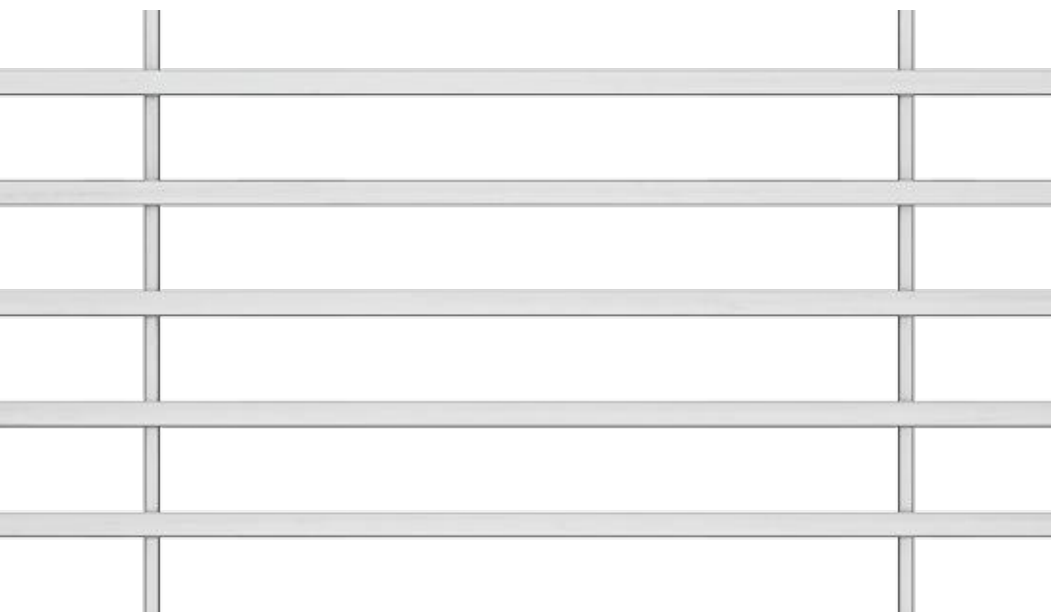
Open area	65%
Slot	6,5 mm
Support rod	10x2
Tq	100
Weight	7,3 kg/m²
Max. dimensions	2500 //x 3000
Material	stainless steel



RADIUS Z07105

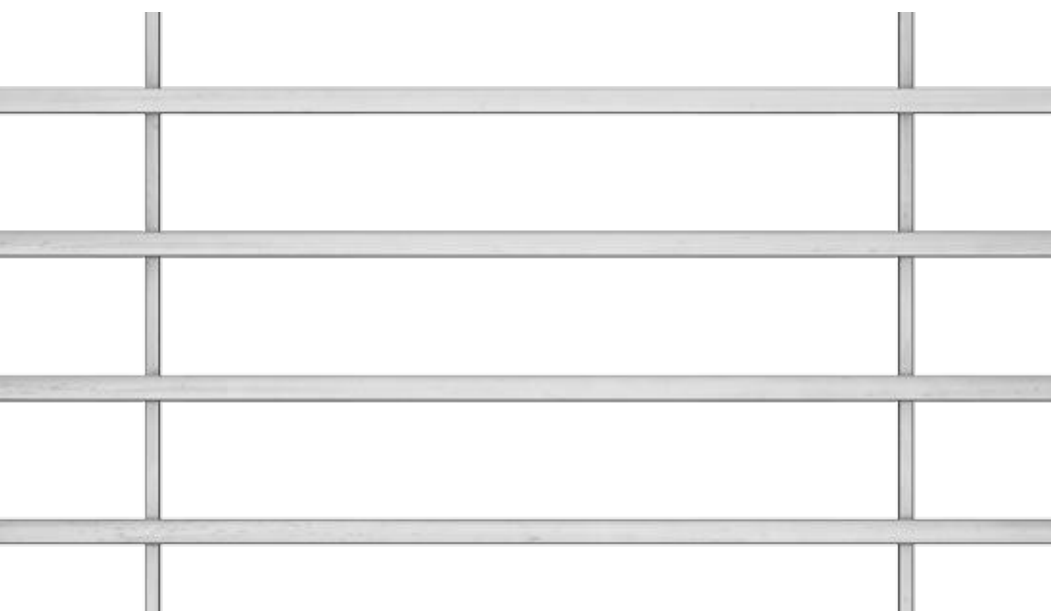
Open area	75%
Slot	10,5 mm
Support rod	10x2
Tq	100
Weight	6,2 kg/m²
Max. dimensions	2500 //x 3000
Material	stainless steel





RADIUS Z07115

Open area	77%
Slot	11,5 mm
Support rod	10x2
Tq	100
Weight	5,7 kg/m ²
Max. dimensions	2500 //x 3000
Material	stainless steel



RADIUS Z07165

Open area	83%
Slot	16,5 mm
Support rod	10x2
Tq	100
Weight	4,8 kg/m ²
Max. dimensions	2500 //x 3000
Material	stainless steel



RADIUS Z10080

Open area	65%
Slot	8 mm
Support rod	8,4x2
Tq	100
Weight	7,9 kg/m ²
Max. dimensions	2500 //x 3000
Material	Pro-ZINAL®

RADIUS Z10105

Open area	70%
Slot	10,5 mm
Support rod	8,4x2
Tq	100
Weight	6,9 kg/m ²
Max. dimensions	2500 //x 3000
Material	Pro-ZINAL®



RADIUS Z10155

Open area	77%
Slot	15,5 mm
Support rod	8,4x2
Tq	100
Weight	6,1 kg/m ²
Max. dimensions	2500 //x 3000
Material	Pro-ZINAL®



ARRAS D08100

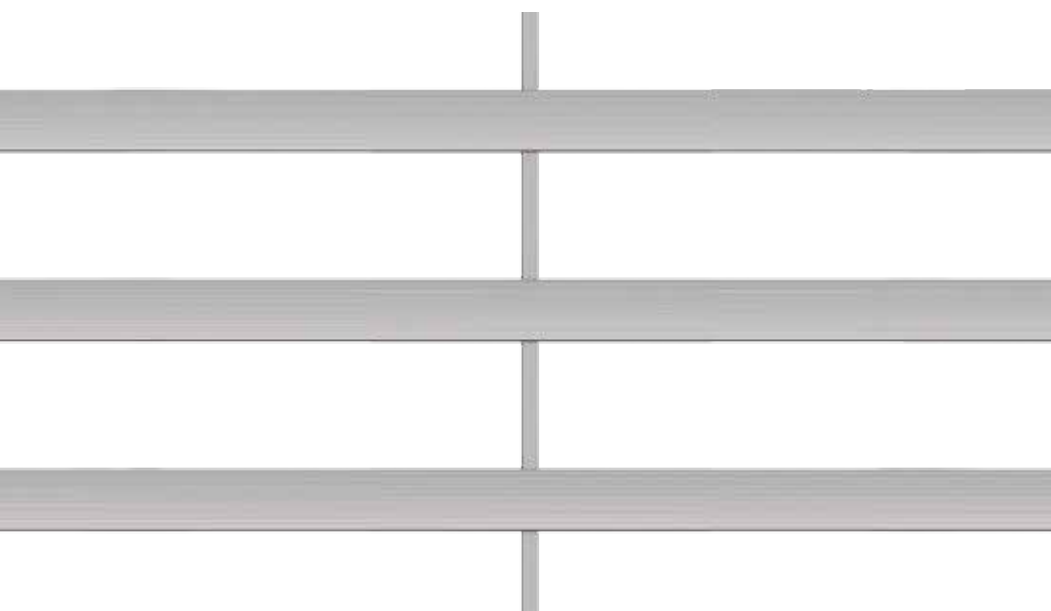
Open area	54%
Slot	10 mm
Support rod	8,4x2
Tq	100
Weight	8,6 kg/m ²
Max. dimensions	2500 //x 3000
Material	Pro-ZINAL®





ARRAS D08160

Open area	65%
Slot	16 mm
Support rod	8,4x2
Tq	100
Weight	6,8 kg/m ²
Max. dimensions	2500 //x 3000
Material	Pro-ZINAL®



FLASH Z02170

Open area	67%
Slot	17 mm
Support rod	15x2
Tq	150
Weight	2,2 kg/m ²
Max. dimensions	2000//3000
Material	aluminium

		Material						
		Stainless steel	Galvanized steel	Pro-ZINAL®	Aluminium	Copper	Brass	Bronze
Woven wire mesh	SAGITTARIUS P11320	●						
	SAGITTARIUS P11432	●						
	SAGITTARIUS P11440	●						
	VIRGO P07020	●						
	SATURN P05130	●	●					
	SATURN P05131	●						
	SATURN P05136	●						
	SATURN P05140	●						
	SCORPIO P04010	●	●	●				
	SCORPIO P04040	●	●	●				
	SCORPIO P04020	●	●	●				
	LEO P06040	●	●	●				
	LEO P06090	●	●		●	●	●	●
	LEO P06030	●	●		●	●	●	●
	LEO P06075	●	●		●	●	●	●
	LEO P06051	●	●	●	●	●	●	●
	ARIES OL P01415	●				●	●	●
	ARIES P01035	●	●	●		●	●	●
	ARIES TL P01047	●	●	●	●	●	●	●
	TAURUS P02030	●	●					
	EGIDA P14035	●	●	●		●	●	●
	ORION P17030	●	●					
	AQUARIUS P10020	●	●	●	●	●	●	●
	AQUARIUS P10011	●						
	AQUARIUS P10021	●	●	●	●	●	●	●
Welded grid	RADIUS Z07065	▼						
	RADIUS Z07105	▼						
	RADIUS Z07115	▼						
	RADIUS Z07165	▼						
	RADIUS Z10080			▼				
	RADIUS Z10105			▼				
	RADIUS Z10155			▼				
	ARRAS D08100			▼				
	ARRAS D08160			▼				
	FLASH Z02170				▼			

Materials and surface finishings

Step 1: Select the mesh or grid type, model and parameters

Step 2: Choose the material and surface finishing

Step 3: Choose the optimal mounting system

Materials

PROGRESS ARCHITECTURE offers a wide range of mesh and grid materials, ensuring that they can be tailored to suit the aesthetics and budget of the project.

Stainless steel

Used for its durability, attractive appearance, and corrosion resistance, it is used in applications such as kitchens, surgical equipment, construction and the chemical industry. There are many types of stainless steel with different properties. AISI304/AISI304L (1.4301/1.4307) is used for interior applications, while AISI316/AISI316L (1.4401/1.4404) is used for exterior applications due to its higher corrosion resistance.

Carbon/unalloyed steels

Carbon steels are alloys of iron and carbon and are used, for example, in the production of grids, where grades S235 and S355 are popular. They are susceptible to corrosion and require protection. Powder coating is sufficient indoors, but galvanizing followed by powder coating is required outdoors. Not recommended for woven wire mesh due to the difficulty of protecting the wire contact points.

Alu-Zinc coated carbon steels Pro-ZINAL®

Selected types of round wire and profile wire are coated with a thin layer of Pro-ZINAL® aluminium-zinc. Wires with this coating are used to produce woven mesh and welded grids. In addition, it is recommended that they be painted for better corrosion protection in outdoor applications. The contact points of the mesh wires are corrosion protected, but the cut/sanded edges require painting.

Aluminium

The material is approximately 3 times lighter than steel, making aluminium nets much lighter than steel. However, their strength and resistance to deformation are much lower, making them more susceptible to damage. They are not recommended for use in areas subject to unexpected loads, particularly point loads. The material is well suited to powder coating and wet painting. Suggested wire grades are 5000 and 6000 series.



Non-ferrous metals, especially copper, undergo rapid colour changes when exposed to atmospheric conditions and contact with chemicals. Copper mesh can vary in colour at the time of manufacture and after installation at the customer's site. Changes may be uniform or localized, often visible in areas touched by fingers. The wires on the spools can also vary in colour, affecting the final appearance of the mesh. If you are looking for a uniform colour scheme that will not change over time, consider painted stainless steel mesh. However, if you appreciate the natural character of coloured metals and their variability, then this is the choice for you.

Copper

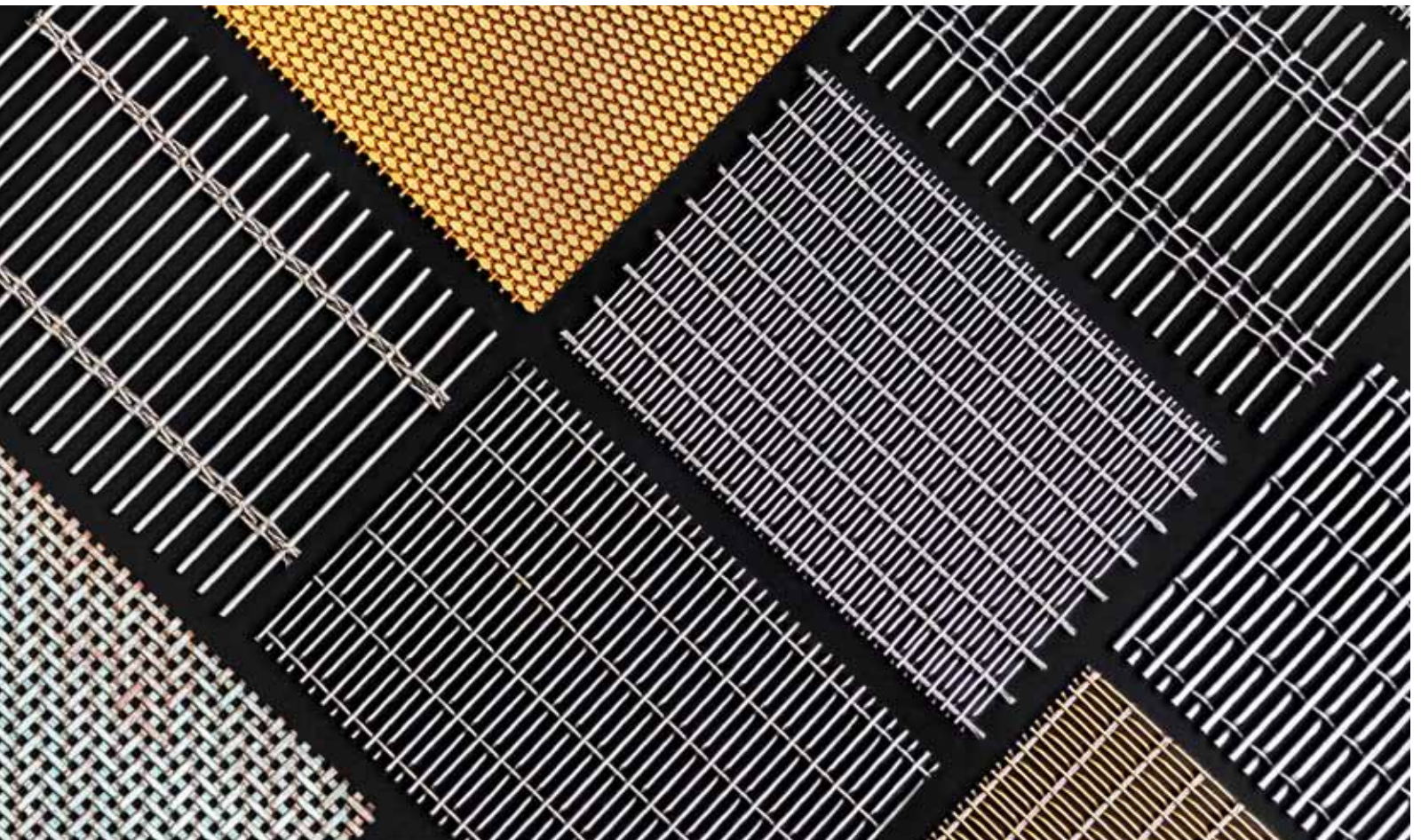
Copper, usually in its pure form (99.9%) with trace impurities, is commonly used as M1E. It has a characteristic salmon pink colour. The pure surface of copper is susceptible to oxidation under the influence of atmospheric conditions and chemicals, causing a rapid colour change towards brown. Over time the surface can take on a green patina.

Brass

Brass is an alloy of copper with varying amounts of zinc (up to a maximum of 40%) and possible additional alloying elements. Common grades are M65 and M90. It has a colour similar to gold, but the raw surface changes fairly quickly to green and brown.

Bronze

Bronze is a copper alloy with tin (up to 10%) in varying proportions, with possible additional alloying elements. Popular grades include CuSn6. It has a light brown colour, but the raw surface can quickly change to darker shades.



Surface finishing

PROGRESS ARCHITECTURE offers a wide range of surface finishes for mesh and grid to ensure exceptional durability whilst maintaining aesthetic and operational considerations.

Powder Coating

The powder coating process allows products to be coated in any colour from the RAL palette, with varying degrees of gloss and surface texture. Details are pre-treated before being coated with powder paint by electrostatic spraying. Heated in an oven, the paint melts evenly to form an aesthetic, durable and dense coating. Optionally, an additional primer can be applied for corrosion protection (two-coat painting). Gratings adapt well to this process, although cracks in the coating may occur at intersections. For mesh, it's best to use galvanized or stainless steel wire, while for grids, it's best to use galvanized material (PRO Zinal) or to galvanize them before painting. Powder coating can affect the geometry of the mesh, so it's advisable to avoid painting very large meshes.

Application: Woven mesh, welded grids

Wet painting

The liquid painting process involves applying liquid colours to the surface of the product using spray guns and then suspending the details to allow the paint to cure completely. This provides a wide range of colours. When painting mesh, the intersecting wires are not fully bonded, allowing for subsequent geometry corrections. It is also effective for larger dimensions and painted chain link mesh can be rolled up for transport. Although less common for grilles, this process is possible, especially for special colours. Unique finishes such as antique brass are available. For dense meshes (e.g. Egida) an aged, partially patinated brass effect can be achieved, which is a manual process and gives a distinctive character.

Application: Woven mesh, welded grids

Hot Dip Galvanizing

Hot-dip galvanizing is an effective anti-corrosion method in which carbon steel is dipped into molten zinc, forming thick coatings (60-80µm) that provide long-term corrosion resistance. However, the surface can be uneven with drips, slag residue and ungalvanized areas, which are corrected with high zinc paint. High temperatures (~500°C) can cause detail distortion. It is successfully used for welded grids, but for woven meshes, pre-galvanizing of the wire is a better solution. In the case of black steel meshes, they should be welded into a frame prior to galvanizing to improve stiffness and reduce distortion. Irregularities and process characteristics will be visible under the paint.

Application: Welded grids

Electro-galvanizing

Electro-galvanizing is a process in which a thin layer of zinc is applied to the surface of carbon steel by electrolysis. The resulting coatings are smooth, bright and aesthetic, although less corrosion resistant than hot dip galvanizing. They are typically around 12µm thick, with the option of thicker galvanizing (~25µm). They have a variable appearance, but durability can be improved by passivation (white/blue or yellow) and the use of polyester sealants or polyethylene waxes. Suitable for welded carbon steel grids, especially for indoor applications or as a protective layer before painting.

Application: Welded grids

Pickling and passivation

A process for stainless steels after workshop treatment, carried out by immersion, spraying or locally. Stainless steels retain their appearance thanks to the passive layer (chromium oxide), which can be damaged during processing. Pickling (using nitric and hydrofluoric acids) removes impurities and allows the passive layer to be rebuilt. Welded meshes and meshes used in welding are subjected to pickling according to their dimensions (immersion or local). The passivation follows the pickling, which can be either natural or chemical.

Application: Woven mesh, welded grids

Electropolishing

Electropolishing is an electrochemical process that smoothes the microstructure of the stainless steel surface, giving details smoothness and a higher gloss. It also replaces traditional pickling but has dimensional limitations due to the size of the process tanks. It can be used on both stainless steel meshes and grids. However, the texture on the surface of profiles for grids produced by rolling processes may remain somewhat unchanged. The process will be evaluated on samples.

Application: Woven mesh, welded grids

Satin finishing

Satin finishing is a surface treatment process that uses special tools or abrasives to remove micro-roughness and small burrs. It gives the surface a silky, matte appearance that is visually appealing and also provides some resistance to abrasion. This process is particularly popular in metalworking, especially stainless steel and aluminium.

Application: Welded grids

Grinding

Grinding is a finishing process that uses various tools and abrasives to give an object a characteristic surface texture. For welded grids, where the face of the profiled wires has a small flat area, satin finishing can be achieved by oscillating or grinding along the wires. The effect of grinding on a small area may be limited, but the finish can be assessed on samples.

Application: Welded grids

Grit blasting

Grit blasting is an abrasive blasting process in which abrasives are directed at the surface of a part by centrifugal force or compressed air. Originally used to remove corrosive contaminants from metals, this process also imparts a rough texture to the top surface of grids, reducing their slipperiness, although pores in the material can encourage the accumulation of contaminants. This process can also be considered for aesthetic reasons, although due to the nature of the process the uniformity of the finish may vary slightly between the grille surface and individual details. Effects can be assessed on samples.

Application: Welded grids

Printing

Screen printing is an effective printing method, ideal for intricate graphics on woven meshes and welded grids, particularly in exterior applications such as building facades. With the ability to customize formats from a few centimeters to several meters, screen printing allows for striking and precise patterns. Its ability to differentiate colours through mesh gradations adds flexibility, and the creation of thick layers of paint makes it durable and resistant to weather conditions. Screen printing is an efficient method for projects that require high quality and resistance to outdoor conditions.

Application: Woven mesh, welded grids

PVD (Physical Vapour Deposition)

PVD is an innovative method of coating stainless steel with oxides, allowing natural colour coatings to be applied to woven mesh and welded grids. Depending on the oxide, colours such as gold, copper and black can be achieved. The coating applied is extremely thin and has greater abrasion resistance, making it ideal for grilles used as covers for duct radiators. This process is more environmentally friendly as it does not produce any gases, effluents, or other residues during operation. The colouring process does not affect the recyclability of stainless steel.

Application: Welded grids

Anodizing

Anodizing is an electrochemical process that produces an oxide layer on the surface of aluminium. It involves immersing the metal in an electrolyte and applying an electric current, resulting in the formation of a hard, corrosion-resistant layer. Due to its durability and colour options (the oxide layer can be dyed), anodized aluminium is valued for both aesthetic and functional reasons. In addition, anodized aluminium is easy to maintain and requires minimal upkeep, making it an attractive choice for architectural projects requiring high quality and durable finishes.

Application: Woven mesh

Facades and wall claddings

	PROFLEX				PROFRAME		PROBOLT facade	PROSLIDE	PROBOLT ceiling	PROTWIST			PROT24	PROCLIP-C
	H	R	S	F	C	B	P	B		J	C	B	A	C
Woven wire mesh	SAGITTARIUS P11320	●	●		●					●				
	SAGITTARIUS P11432	●			●									
	SAGITTARIUS P11440													
	VIRGO P07020			●	●	●	●				●	●		
	SATURN P05130			●	●									
	SATURN P05131			●	●									
	SATURN P05136			●	●									
	SATURN P05140			●	●									
	SCORPIO P04010			●										
	SCORPIO P04040			●						●				
	SCORPIO P04020			●						●				
	LEO P06040			●		●	●				●	●		
	LEO P06090			●		●	●				●	●		
	LEO P06030			●		●	●				●	●		
	LEO P06075			●		●	●							
	LEO P06051			●		●	●				●	●		
	ARIES OL P01415					●	●				●	●		
	ARIES P01035									●	●			●
	ARIES TL P01047									●	●			●
	TAURUS P02030			●		●	●				●	●		
	EGIDA P14035					●								
	ORION P17030					●	●							
	AQUARIUS P10020	●		●	●	●				●	●			
	AQUARIUS P10011			●	●	●					●			
	AQUARIUS P10021	●		●	●	●				●	●			
Welded grid	RADIUS Z07065									▼				▼
	RADIUS Z07105							▼						▼
	RADIUS Z07115							▼		▼				▼
	RADIUS Z07165							▼		▼				▼
	RADIUS Z10080													▼
	RADIUS Z10105							▼		▼				▼
	RADIUS Z10155							▼		▼				▼
	ARRAS D08100							▼		▼				
	ARRAS D08160							▼						
	FLASH Z02170									▼				

Dedicated mounting systems

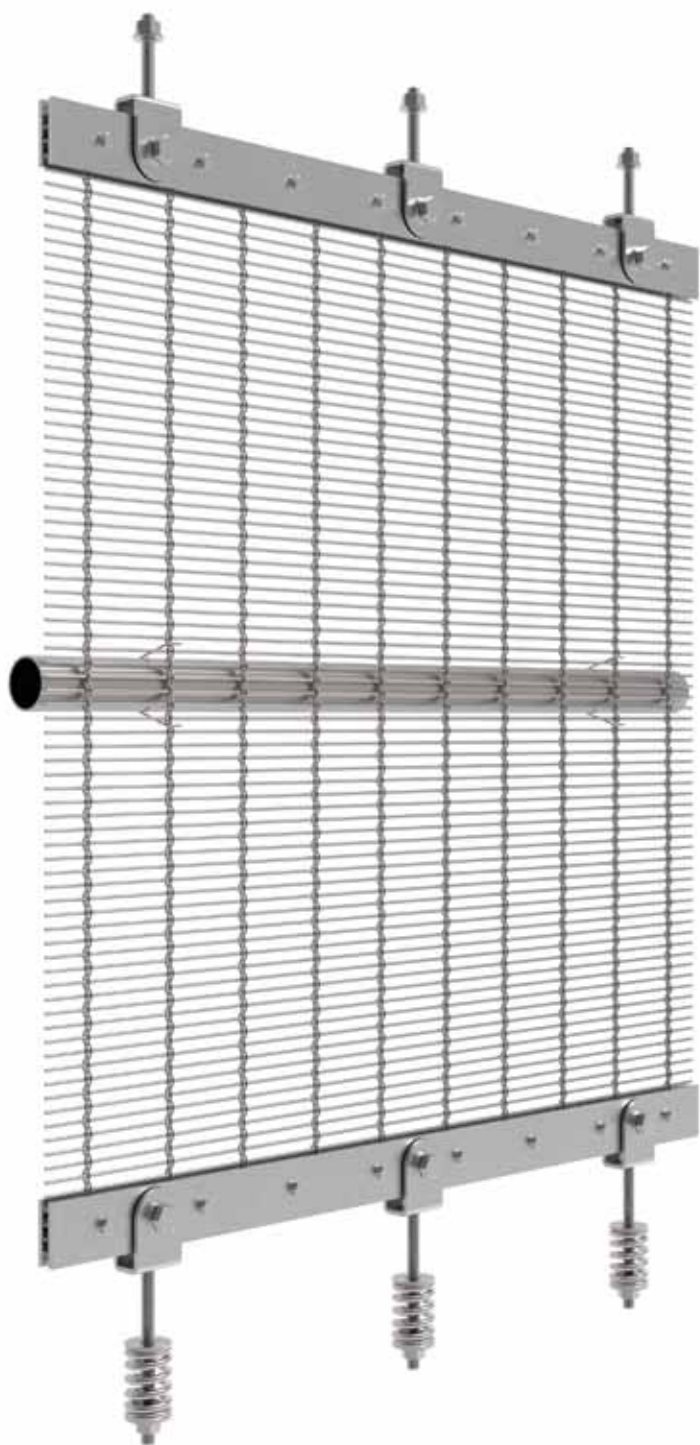
Step 1: Select the mesh or grid type, model and parameters

Step 2: Choose the material and surface finishing

Step 3: Choose the optimal mounting system

PROFLEX

Mounting system for facades and wall claddings from woven mesh.



The PROFLEX system is designed for tensioning woven and wire mesh for facades, wall cladding and partitions. The upper and bottom edges of the mesh have special fasteners that fix it to the substructure. A set of dedicated springs ensures precise and even tension, even under fluctuating temperatures. The PROFLEX system allows the installation of large format woven mesh panels.

Panel dimensions

Width: up to 4000 mm

Length: up to 25 000 mm

Infill material

according to the product technical card

Surface finishing

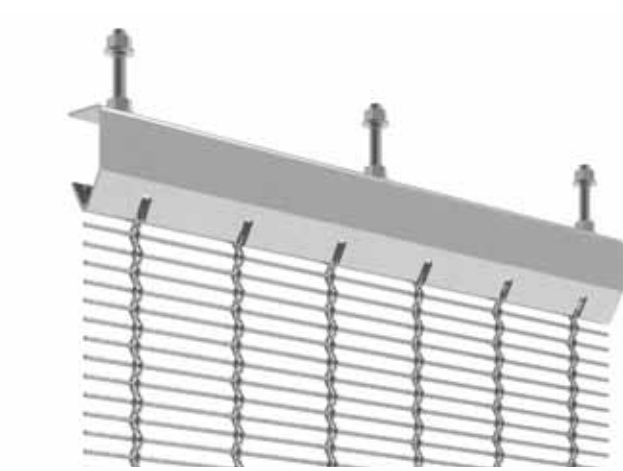
wet painting (optional)

Applications

Metal facades, wall cladding,
wall partitions, roof equipment covers

PROFLEX-H

In the PROFLEX-H variant, the upper and lower edges of the architectural mesh have a special hook-shaped profile which stiffens the mesh and fixes it to the substructure with mounting screws.



PROFLEX-R

In the PROFLEX-R variant, steel rods are woven into the upper and bottom edges of the architectural mesh. The integrated rods increase the rigidity of the mesh and fix it to the substructure with eyebolts.



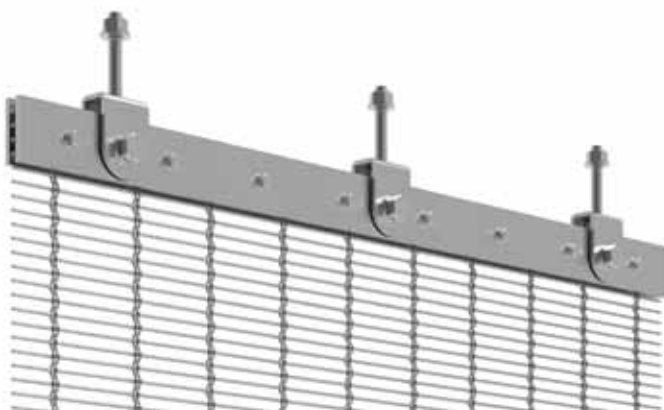
PROFLEX-S

PROFLEX-S is designed for architectural mesh with large mesh openings. The upper and lower edges of the mesh are wrapped in the metal sheet, which stiffens it, and they are fixed with fork bolts to the substructure.



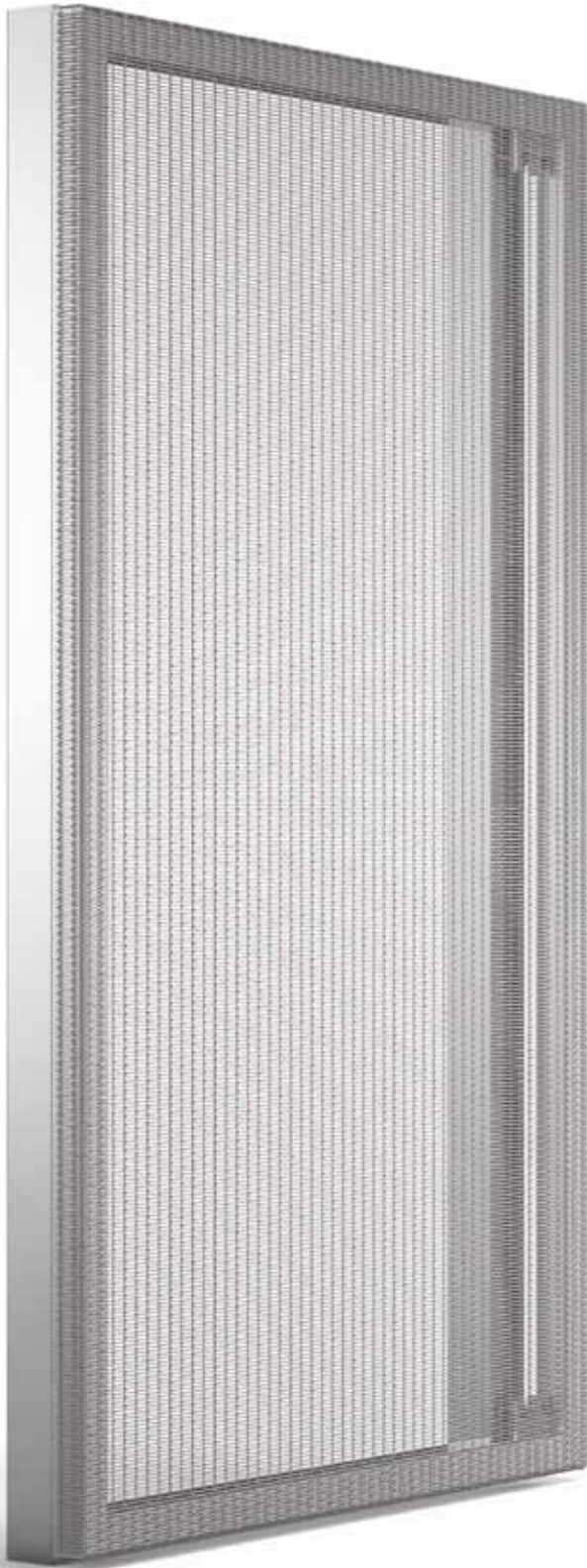
PROFLEX-F

PROFLEX-F is designed for architectural woven mesh with small mesh openings. The upper and lower edges of the mesh are clamped between two flat bars, which stiffen the mesh and fix it to the substructure with fork bolts.



PROFRAME

Mounting system for facades and wall claddings from woven mesh.



The PROFRAME system is designed for the installation of facade and wall panels made from woven mesh. The frame is fixed to the substructure with mounting brackets. The frame can be visible or hidden.

Panel dimensions

Width: up to 1000 mm

Length: up to 3000 mm

Infill material

according to the product technical card

Surface finishing

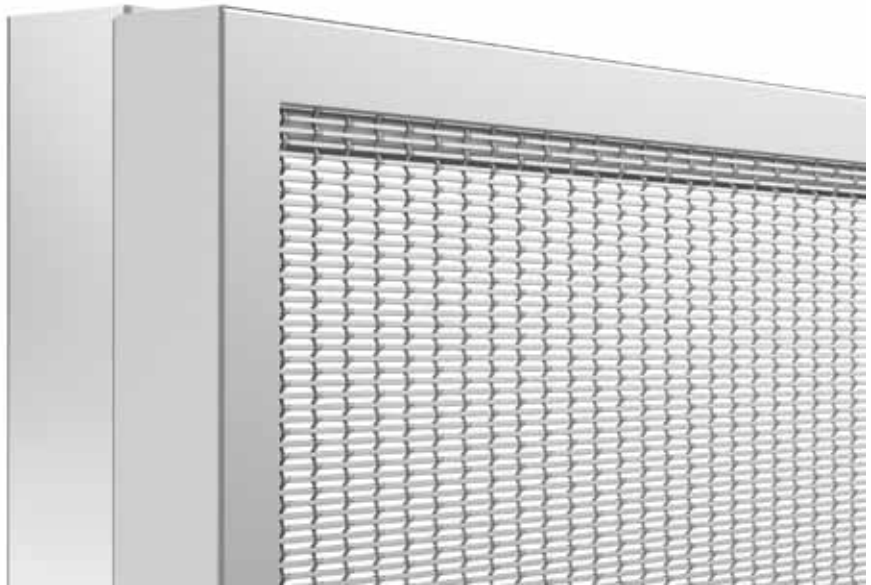
wet painting (optional)

Applications

Metal facades, wall claddings, wall partitions, roof equipment covers, fences, balustrades

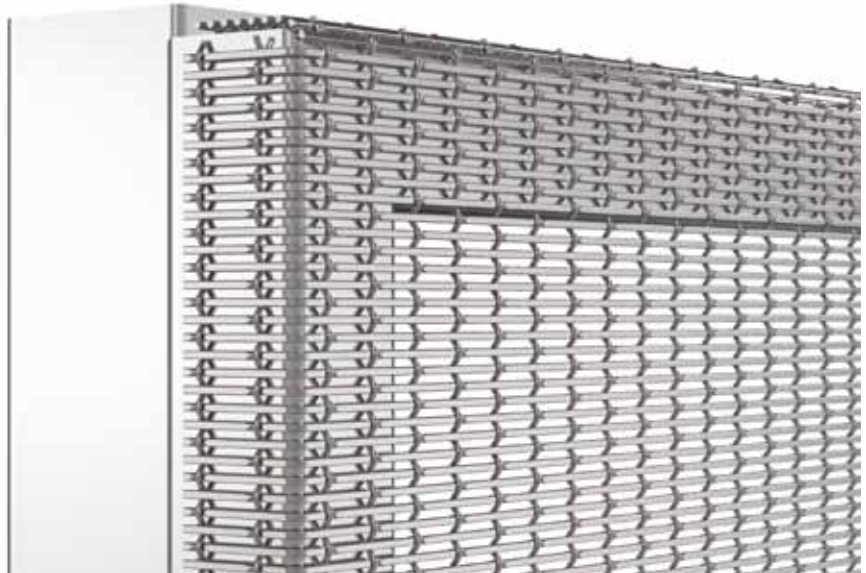
PROFRAME-C

The PROFRAME-C variant is designed for woven mesh. The mesh is formed by cutting. It is then welded around the perimeter in a special frame that remains visible. The assembled mesh panels create a uniform plane with clear divides.



PROFRAME-B

The PROFRAME-B variant is designed for woven meshes. The mesh is formed by cutting and bending. It is then assembled around the perimeter outside a special frame which remains concealed. The assembled mesh panels create a uniform plane with visible divides.



PROBOLT-P / facades

Mounting system for facades and wall claddings from welded grid.



The PROBOLT system is designed for the installation of facade, wall and ceiling panels made of welded grid. The panels are screwed directly onto the universal load bearing C-profile or substructure. The system allows individual panels to be installed and removed without moving the remaining panels.

The PROBOLT-P version is designed for welded grids. The grid is formed by cutting. The grid is screwed directly to the substructure using special P mounting brackets. The assembled panels continue the grid pattern and create a uniform plane without any clear divides.

Panel dimensions (welded grid)

Width: up to 1000 mm

Length: up to 1500 mm

Infill material:

As per product data sheet for mesh and grille

Surface finish:

Powder coating

Applications:

Metal facades, metal ceilings, wall cladding, wall partitions, roof equipment covers, fences, balustrades

PROBOLT-J / ceilings

Mounting system for ceiling panels from welded grid.



The PROBOLT system is designed for the installation of facade, wall and ceiling panels made of woven mesh and welded grid. The panels are screwed directly onto the universal load bearing W-profile or substructure. The system allows for the installation and removal of individual panels without moving the remaining panels.

The PROBOLT-J variant is dedicated to welded grids. The grid is formed by cutting. The panels are fixed to the support „W” profiles with special „J” mounting brackets. The assembled panels continue the grid pattern and create a uniform plane without any clear divides.

Panel dimensions:

Width: up to 750 mm

Length: up to 2000 mm

Infill material:

according to the product technical card

Surface finishing:

Powder coating

Applications:

Metal facades, metal ceilings, wall cladding, wall partitions, roof equipment covers, fences, balustrades

PROSLIDE-B

Mounting system for facades and wall claddings from woven mesh.



The PROSLIDE system is designed for the installation of facade and wall panels made from woven mesh and welded grid. Panels with special hooks are inserted into mounting brackets which are then screwed to the support profile, securing the panel in place. The innovative mounting of the load bearing C-profile with threaded rods replaces traditional brackets and allows installation after insulation.

The PROSLIDE-B variant is designed for woven mesh. The mesh is formed by cutting and bending and then welded around the perimeter to a special frame. The assembled mesh panels provide a uniform surface with visible divides.

Panel dimensions:
Width: up to 800 mm
Length: up to 2000 mm

Infill material:
According to the product
technical card

Surface finishing:
Wet painting

Applications:
Metal facades, wall cladding,
roof equipment covers

PROT24

Mounting system for ceiling panels from woven mesh.



The PROT24 system is designed for the installation of ceiling panels made of woven mesh. The edges of the panels are supported by load bearing T24 profiles. Removal of individual panels will not cause the remaining panels to move.

Panel dimensions:
Max. width: 1200 mm
Max. length: 1200 mm

Infill material:
according to the product
technical card

Surface finishing:
Wet painting

Applications:
Interior metal ceilings

PROTWIST

Mounting system for ceiling panels from woven mesh and welded grid.



The PROTWIST system is designed for the installation of ceiling panels and wall cladding in woven mesh and welded grid. The panels are fixed to a special load bearing „W” profile with a special semi-circular rotating element. Removal of individual panels does not cause the remaining panels to move.

Panel dimensions:
Max. width: 750 mm
Max. length: 2000 mm

Panel material:
According to the product
technical card

Surface finishing:
Powder coating, Wet coating

Applications:
Interior metal ceilings,
exterior metal ceilings

PROTWIST-C

The PROTWIST-C variant is designed for woven wire meshes with a minimum mesh opening of 5 mm. The mesh is formed by cutting and then welded around the perimeter to a special frame. The assembled mesh panels maintain the mesh pattern and create a uniform surface with no visible divides.



PROTWIST-B

The PROTWIST-B variant is dedicated to woven mesh and the mesh is formed by cutting and bending and then welded around the perimeter to a special frame. The assembled mesh panels create a uniform surface with visible divides.



PROTWIST-A

The PROTWIST-A variant is dedicated to welded aluminium grids. At the ends of the profiles, the grid is welded to the mounting brackets and then formed by cutting. The assembled grid panels create a uniform surface with no visible divides.



PROCLIP-C

Mounting system for ceiling panels
from welded grid.



The PROCLIP-C system is designed for the installation of ceiling panels made of welded grids. The grid is formed by cutting. The panels are fixed to the substructure with special mounting brackets and safety wires. Removal of individual panels does not cause movement of the remaining panels. When assembled, the panels continue the grid pattern and create a uniform plane with no distinct divides.

Panel dimensions

Width: up to 1200 mm
Length: up to 1200 mm

Infill material
according to the product
technical card

Surface finishing
Powder coating (Pro-ZINAL®)
Satin Finish (Stainless Steel)

Applications
Metal ceilings



One-level configuration in the parallel alignment



Two-level configuration in the cross alignment

Benefit from our support and create
something exceptional together.

info@progressarch.com

Graphic design and layout:

Domena

Photos:

Dominika Wilk Fotografia – Grand Hotel, Perfumania Estate Apartments, Face2Face Business Campus,
International Congress Center, First District

Thomas Desgrippes – Orange Headquarters, Cesa Park, François Coty Footbridge

Tõnu Tunnel – Office building in Tallinn



PROGRESS ARCHITECTURE

Dobrów 7,
28-142 Tuczępy

progressarch.com



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