ANB

Adds Value to Metal

EXPANDED & PERFORATED METAL

Architectural Metal Designs

Project Portfolio + Architectural Patterns

+50 MORE THAN 50 COUNTRIES EXPORT

ANB is over the world

The world’s leading expanded & perforated metariels business.
We manufacture and distribute a diverse range of superior Expanded & Perforeted Metarials products.
Which are used extensively in filter and construction, industrial projects of all sizes, all across the world.
Our Global FootprintOur operations span 50 countries, on four continents.

SHOWROOM

Tou can find our creations that we have designed from our product range in different colors that appeal to different sectors. If you have a project that you want to realize, you can visit our shoeroom and see our products more closely.

ABOUT US

As ANB Metal, we have started to offer services within the scope of expanded metal, perforated metal, laser cut, and façade products with our accumulated years of experience, superior work and quality production since 1992.

While our priority is always customer satisfaction, we achieve ‘superior brand status’ in processing metal products compatible with your project.

In addition to steel, galvanize and aluminum materials, we focus on the method of expanding to different types of metals such as stainless steel, titanium and copper. With the advancing technology, we are bringing new methods to metal in different and other dimensions.

We offer you metallic solutions with superior equipment with our expert team and our advanced technology devices and tools we use. With the metal products we have designed for use in exterior facades, suspended ceilings, walkways, fences, walls and lighting, industry and decoration areas. With the metal products we have designed for use in exterior facades, suspended ceilings, walkways, fences, walls, lighting, industry and decoration areas, we serve you with shaping metal with different methods and ‘adding meaning and value’ to metal.

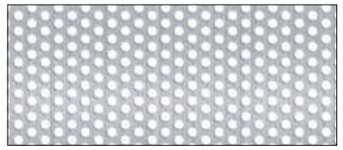
Our superior quality has been registered by Tüv-Saar with ISO9001-2015 certificate. In this context, the certificate we have, supports our reliability and high quality in a perfect way. With our EN ISO 14001-2015 Environmental Management System and Occupational Health and Safety Management System ISO 45001-2018 certificates, registered and patented machines, you can observe once again that we guide our work within the scope of sensitivity and meticulousness.

Our activities, which date back to about half a century, continue to gain different dimensions with our expanded and other metalworking arts.

PRODUSTS

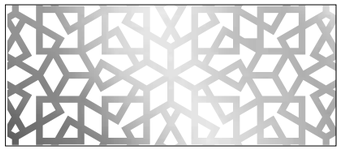
EXPANDED METAL MESH

Expanded metal mesh is a type of metal mesh that is made from a single piece of metal that has been cut and stretched to form a diamond-shaped pattern.
It is commonly used in industrial and commercial applications, such as fencing, grilles, shelving, and guards. It is also used in architectural applications, such as decorative separator and wall cladding.



PERFORATED METAL

Perforated metal sheet is a type of metal sheet that has been punched with a pattern of holes. It is commonly used for a variety of applications, including facade, filters, and guards. It is also used in the construction of sound enclosures, ventilation systems, and other architectural elements.



LASER CUT

Laser cut metal is a process of cutting metal using a laser beam. The laser beam is focused on the metal, which is then melted, burned, or vaporized away, leaving a clean cut edge. Laser cut metal is used in a variety of industries, including automotive, aerospace, medical, and industrial manufacturing. It is often used to create intricate shapes and designs, as well as to cut large pieces of metal into smaller parts. Laser cut metal is also used to create custom parts.

APPLICATIONS

FACADE

Expanded and perforated metal is a great choice for facade. It is lightweight, durable, and can be used to create a variety of interesting patterns and designs. It is also easy to install and maintain, making it a great choice for both residential and commercial applications. Expanded metal mesh can be used to create a modern, industrial look, or it can be used to create a more traditional, rustic look. It is also available in a variety of colors and finishes.

SUSPENDED CEILING

Expanded metal ceilings are a popular type of ceiling that is made of a series of interconnected metal panels. The panels are created by expanding a sheet of metal, which creates a pattern of diamond-shaped openings that allow air and light to pass through. This type of ceiling is often used in commercial and industrial buildings due to its durability and low maintenance requirements. It can also be used in residential settings for its modern and industrial aesthetic. Expanded metal ceilings come in a variety of sizes, colors, and finishes, making them a versatile option for a range of projects.

WALKWAYS

Expanded and perforated metal walkways are strong and durable paths made from metal sheets with diamondshaped openings or holes. They're commonly used in outdoor settings such as industrial plants and pedestrian bridges due to their superior strength, slip resistance, and drainage properties. They can be customized to meet project needs and may feature handrails and non-slip surfaces for enhanced safety.

FENCING

Expanded and perforated metal fences are strong and durable fences made from metal sheets with diamondshaped openings or holes. They're commonly used in outdoor settings such as industrial plants and commercial properties due to their strength, visibility, and ventilation properties. They can be customized to meet project needs and may feature security toppings and gate for

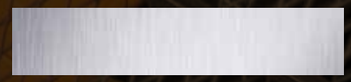
BALCONY RAILLING

Metal balustrades are a type of railing system made from metals such as steel or aluminum. They provide safety and support while also adding aesthetic value to a building or space. They can be customized to fit specific design requirements and may feature decorative elements, handrails, and infill panels.

INTERIOR

Architectural interior design is th specialized field of designing functional and aesthetically pleasing interior spaces. It involves creating unique and innovative designs that meet the needs and goals of the client, while considering factors such as budget and building regulations. It can be applied to various settings such as residential, commercial, and hospitality spaces.

MATERIALS



ALUMINIUM

Aluminum is a lightweight and durable metal that is widely used in various industries due to its corrosion resistance, conductivity, and versatility. It can be shaped into different forms and is recyclable, making it an environmentally friendly option.

STAINLESS STEEL

Stainless steel is a popular material in architecture due to its strength, durability, and aesthetic appeal. It is commonly used in handrails, cladding, roofing, and other applications. It is versatile, easy to maintain, and can be customized to suit different styles and design requirements.

STEEL

Steel is a strong, durable, and versatile material commonly used in structural applications such as beams, columns, and frames, as well as in cladding and roofing systems. It is cost-effective, easy to maintain, and can be customized with a range of finishes to suit different architectural styles and designmaintain, and can be customized with a range of finishes to suit different architectural styles and design

COR-TEN STEEL

Corten is a weather-resistant steel with a higher level of resistance to atmospheric weathering than ordinary steel. Corten gets an adhesive and protective layer of rust when the panels are exposed to the outside air.

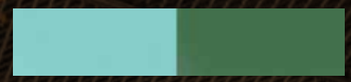
COPPER

Copper is a durable and versatile material commonly used in roofing, cladding, and decorative elements. It is valued for its unique appearance and corrosion resistance, and can be customized with a range of finishes to suit different architectural styles and design requirements.

BRASS

Brass is a durable and versatile material commonly used in architecture and interior design. It has a unique golden appearance and is commonly used in decorative elements and architectural details. Brass is corrosion-resistant and easy to maintain, making it a popular choice for high-traffic areas. It can be customized with a range of finishes to suit different design aesthetics and requirements.

SURFACE TREATMENT

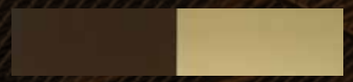


POWDER COATING

Powder coating allows us to apply any desired RAL color to our panels. It is attracted to the surface of the metal because of its static charge, then the material is heated in an oven so that the powder melts and undergoes a chemical reaction. The result is a highly durable outer layer. The layer thicknesses range from a minimum of 60 microns for indoor applications up to 120 microns for outdoor applications.

Powder coatings contribute to the desired aesthetic result and can result in a matte, satin or shiny finish.

Powder coated products excel in color fastness and have an extremely resistant top layer. The electrostatic lacquer process produces an optimum adhesive and corrosion-free surface. This ensures a long life and allows for a high degree of processing - even with sawing, drilling, and milling, the finish remains intact. We also offer an anti-graffiti coating as an extra option. This top layer prevents graffiti and stickers from attaching to the material.



ANODIZING

Anodizing protects aluminum against corrosion, resulting in a wear-resistant product with an almost unlimited lifespan and minimal maintenance. It won't turn black and is resistant to most chemicals and solvents, yet the appearance of the aluminum is retained.

Anodizing accelerates the aluminum oxidation process, converting the top layer of aluminum to alumina. The thickness of the top layer depends on whether it is to be used inside or outside.

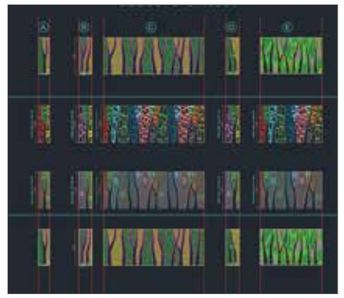
Anodized aluminum can be manufactured naturally in a matte or shine finish, and colours, such as bronze, silver or gold can be added.

GALVANIZING

Galvanized steel is protected against erosion and has a very wear - and shock - resistant protective layer. Thermal galvanization provides a thick, even layer all over the panels. Small damage to a depth of about 3 millimetres will not affect the life of galvanized panels.

Thermal galvanizing involves immersing steel in a low-grade liquid zinc at 450 °C. This protects all exterior and inner areas of the structure equally. The steel and zinc bond together to form a galvanized alloy sealed by a layer of pure zinc. Galvanized products are very durable, almost maintenance-free and offer maximum protection at a minimal cost. Galvanized steel can be used outside and can be coated in any colour.

SERVICES

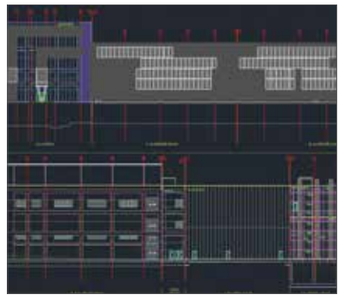


DESIGN

ANB Metal provides unique design services to architects, contractors and project owners in architectural projects that can ensure a successful progress in the projects.

Projects can be completed smoothly with rational designs, taking into account efficiency and cost-effectiveness, which saves costs for your project.

Our well-organized development processes, in addition to providing ease of communication and cooperation, enable the parties involved in the project to anticipate potential risks and defects therefore provide immediate solutions.



ENGINEERING

The engineering team of ANB Metal is one of our powerful departments that provides unique system solutions for complex architectural projects.

This helps to optimize the production stages to provide users with premium metal products and helps them complete safe installations with trouble-free development.

Our customers are diverse, including contractors, architects, designers, engineers and project owners.

ANB Metal, has a wide knowledge of design, engineering, manufacturing and assembly, as well as experience in all aspects of a project. Our engineering team can provide projects with cost-effective solutions to minimize the cost of building keeping high quality standards.

INSTALLATION

Conduct a site assessment and work with the design team to develop detailed plans and specifications. Fabricate the panels to the required dimensions and specifications, then prepare the installation site by ensuring it is clean, level, and free of debris. Install the panels according to the plans using appropriate attachment methods, ensuring that each panel is securely attached and aligned correctly.

Periodically inspect and maintain the panels to ensure they function as intended and remain free of defects. It is important to note that the specific steps for panel installation may vary depending on the project requirements and materials being used, so consult with a professional installer or contractor for guidance and assistance.

MANUFACTURING

CNC BENDING

Bending sheet metal makes it possible to create a wide variety of part geometries. The angle and location of the bend can be precisely controlled, multiple bends can be placed closely in relation to each other and in different directions to create multi-bend shapes, enclosures, brackets and a variety of parts, and normally without any investment in custom tooling. This results in a high level of flexibility to create almost any shape required quickly, especially when paired with ANB Metal laser cutting service.

MEASURING AND CUTTING

The required mesh sizes in both directions are obtained directly in the cutting sections. Angled cutting makes it possible to produce the shapes envisioned in the project drawings. Even in the case of mesh with a module larger than 100 mm, we are able to ensure image integrity. We highly recommend working on half or full mesh to keep this integrity.

MATERIALS & FINISHES

We are able to manufacture expanded metal and perforated metal from aluminum, mild steel, galvanized or stainless steel, titanium, nickel, copper, corten.

We help you determine the best surfaces and colors for indoor or outdoor use. You can choose any surface coatings such as eloxal or powder coating. We manage the finishing of your parts, ensuring an exact match with the color you have chosen.

LASER CUT

As we have invested in high-tech laser cutting methods for fast and precise melting and burning of metals. Using the latest software and engineering technology, our professional team can arrange the tailoring and delivery of your order exactly according to your specifications.

CURVING

Sheets of expanded mesh can be curved to specification, bearing in mind the stiffness of the mesh module. Some of the thinner types of mesh can even.

TRIMS

Panels can be created from expended mesh by adding special borders, which can also be used to fix the panels to the underlying structure.

ROLLS & PANELS

Rolls and panels being available in stock, we are able to produce expanded metal and perforated metal according to customer requirements.

FLATTENING

Certain types of mesh can be “flattened”, i.e. completely rolled flat after expansion, thus returning to the original thickness of the raw material.

WELDING

We have the ability to efficiently and consistently produce high-quality welding.

TED BANDIRMA COLLEGE

LOCATION
Bandırma, Türkiye

DATE
2021

SECTOR
Education

FUNCTION
Facade

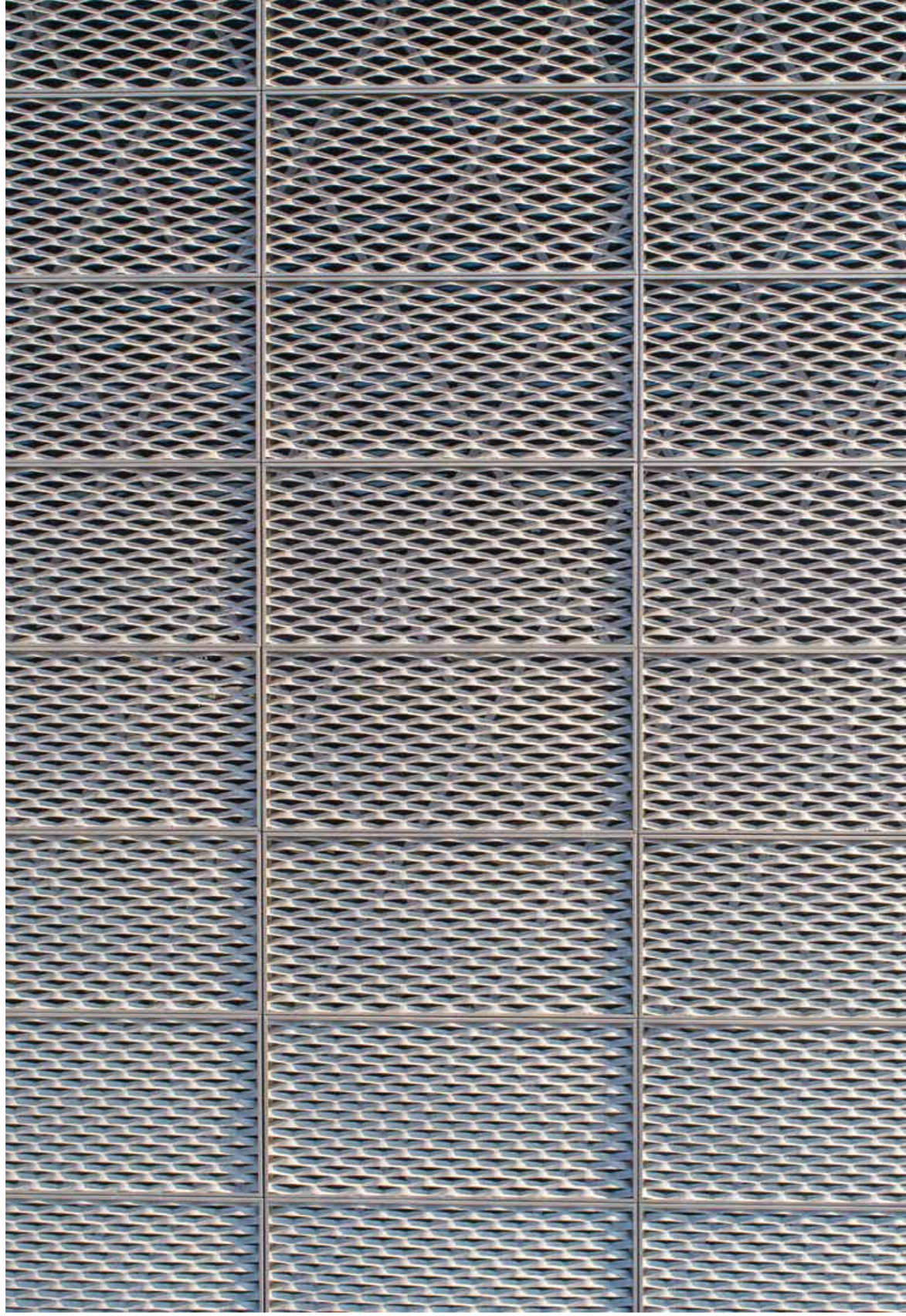
PRODUCT
Expanded Metal 90x250x2x40 mm

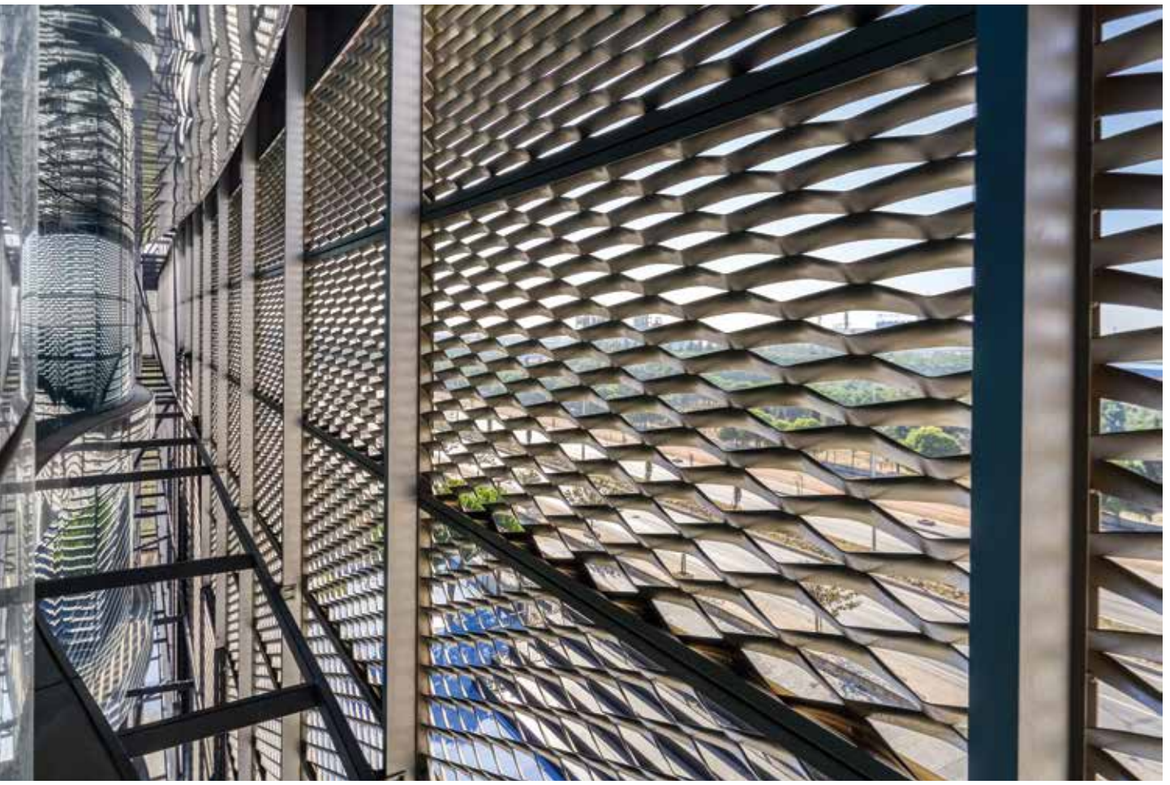
MATERIAL
Aluminum

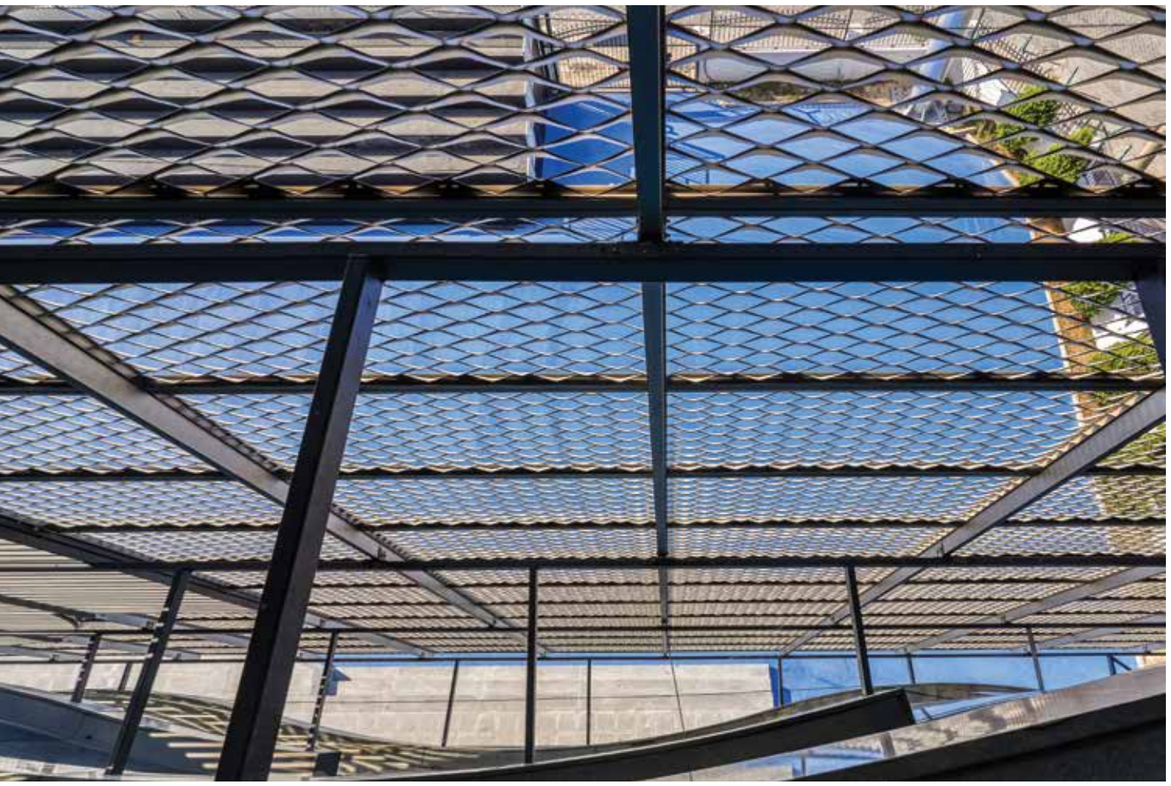
SURFACE FINISH
Electrostatic Powder Coating

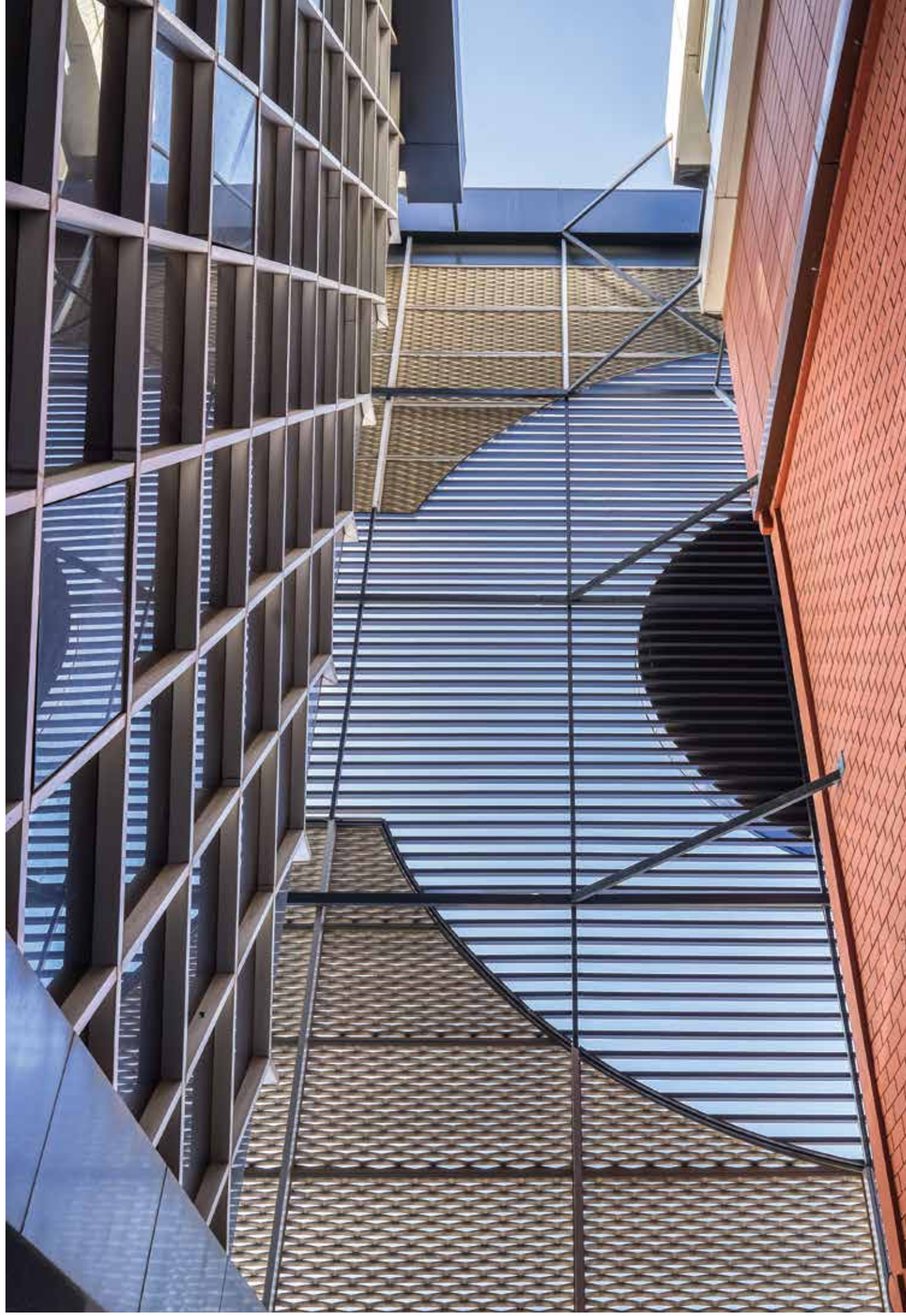
In this project, mesh panels are used to create a secondary facade in the education campus. Large eye mesh creates fully texture structure when looked from distance. It is made with a special code powder coating selection.


TED BANDIRMA KOLEJİ









KURUCESME DIVAN FACILITIES

LOCATION
Istanbul, Türkiye

DATE
2021

ARCHITECT
Gokhan Avcioglu - Gad Architect

SECTOR
Commercial

FUNCTION
Facade, Suspended Ceiling, Railing, Air Conditioning Casing

PRODUCT
Moscow 30
Expanded Metal 23x62x4x4 mm
Expanded Metal 12x30x2x3 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

Located in a very special location, this historical building has reached its final state by renovation work for long years, while preserving the old architectural lines. Mesh panels are used in ceiling, walls and many points to hide air handling units, providing together with the botanic garden. Integrality is provided by selecting the special paint suitable for the historical place. It is used as the social facilities of the Koç Holding family that beko is affiliated.

TED CORLU COLLEGE

LOCATION
Corlu, Türkiye

DATE
2020

ARCHITECT
Loop Architect

SECTOR
Education

FUNCTION
Facade, Sunscreen

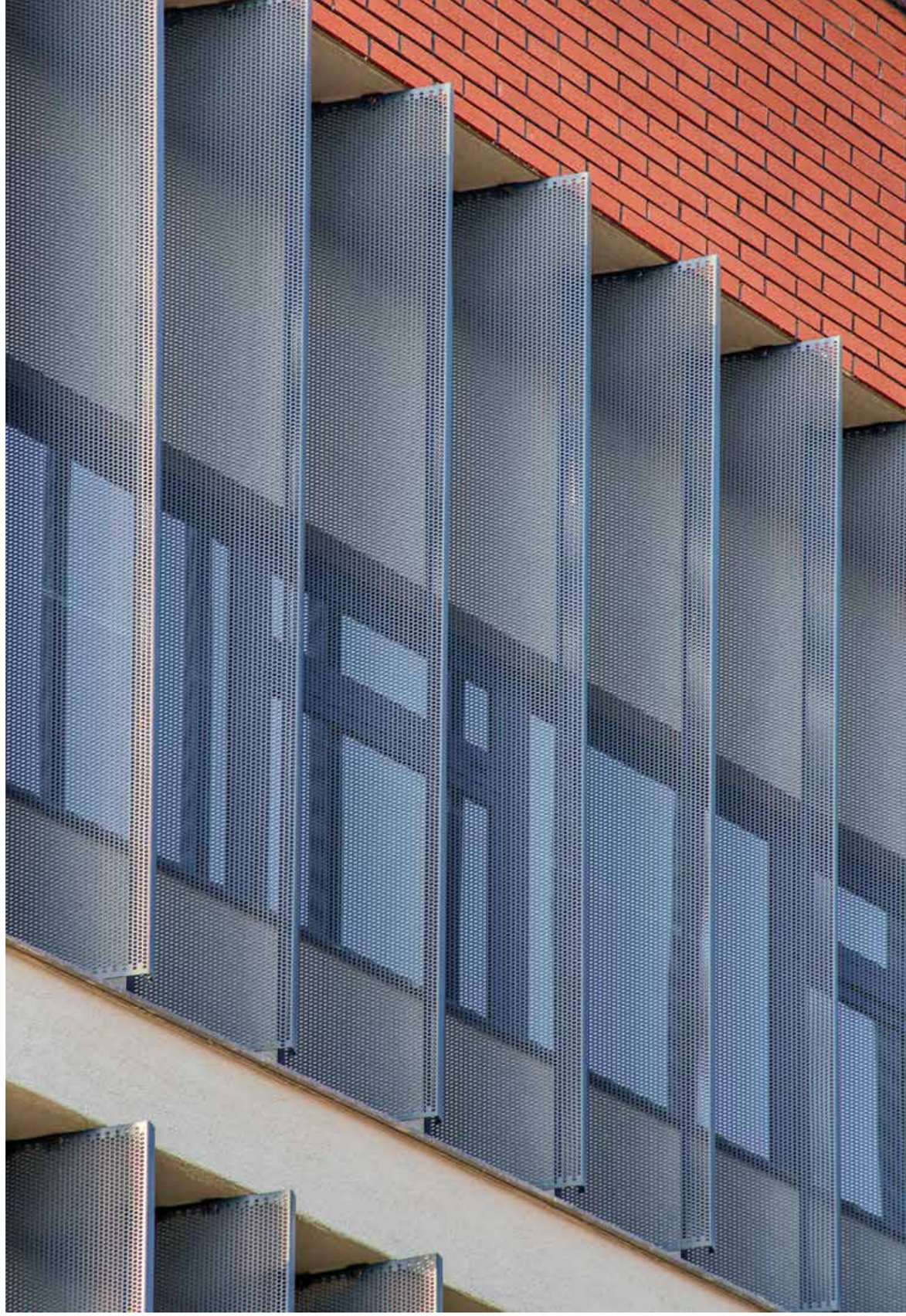
PRODUCT
Istanbul 225-12
Expanded Metal 25x225x2x12 mm

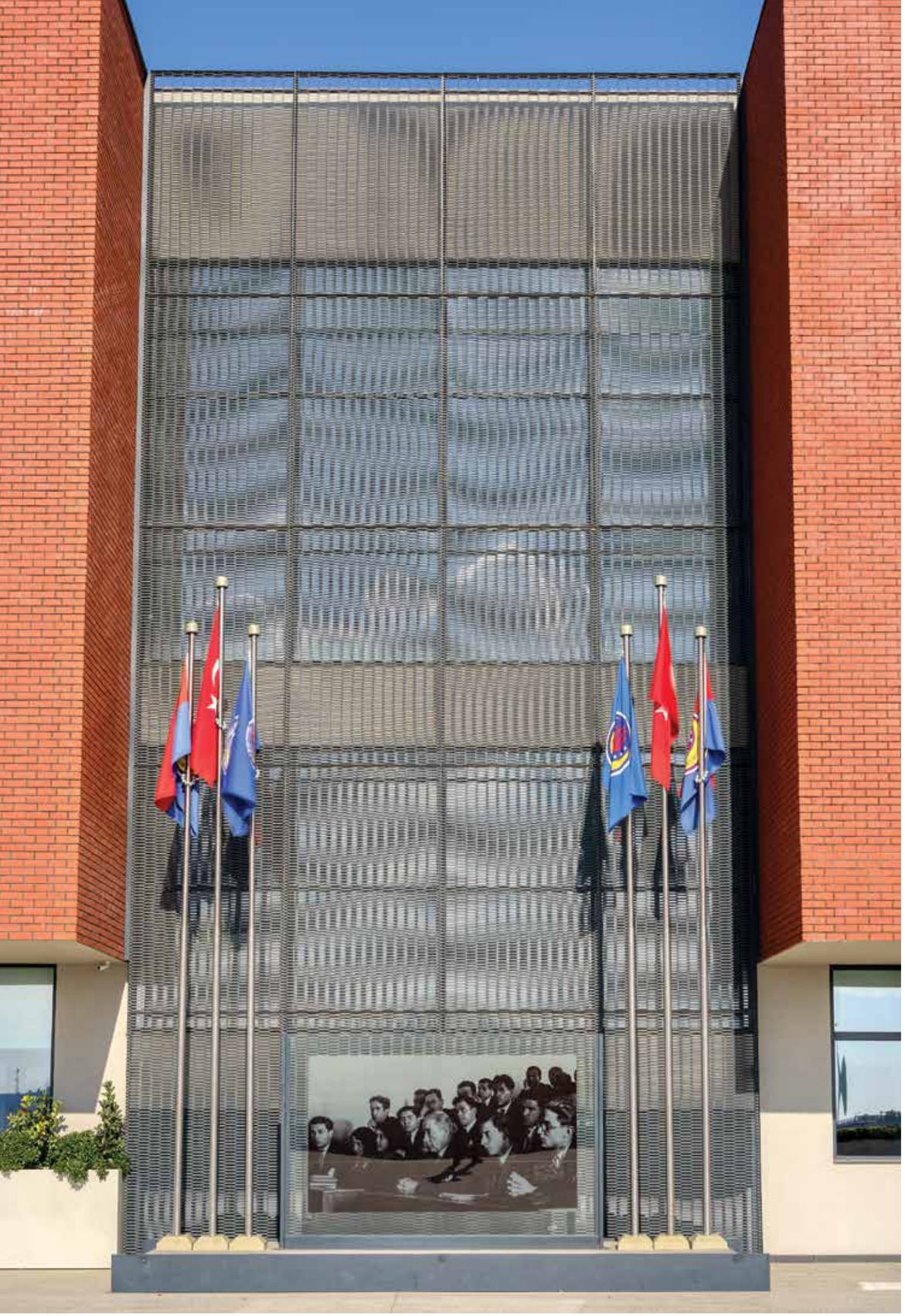
Perforated Metal R10-T14

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating
RAL 9005

Perforated panels have been used as a railing in front of classroom windows in the education campus. It has been provided solar shading that with 45° angle mounted to facade. Perforated panels are very strong with Z double side twist. Also back side of the building preferred “Istanbul” model expanded metal mesh. In this facade has been used that panel dimensions are 1700x3000 mm and RAL 9005 matte preferred as a colour. Finally meshes have been welded into the L frame and frame detail hidden.






TED ÇORLU KOLEJİ

YESILYAKA SU VILLAS

LOCATION
Istanbul, Türkiye

DATE
2020

ARCHITECT
Erginoglu & Calıslar Architect

SECTOR
Commercial

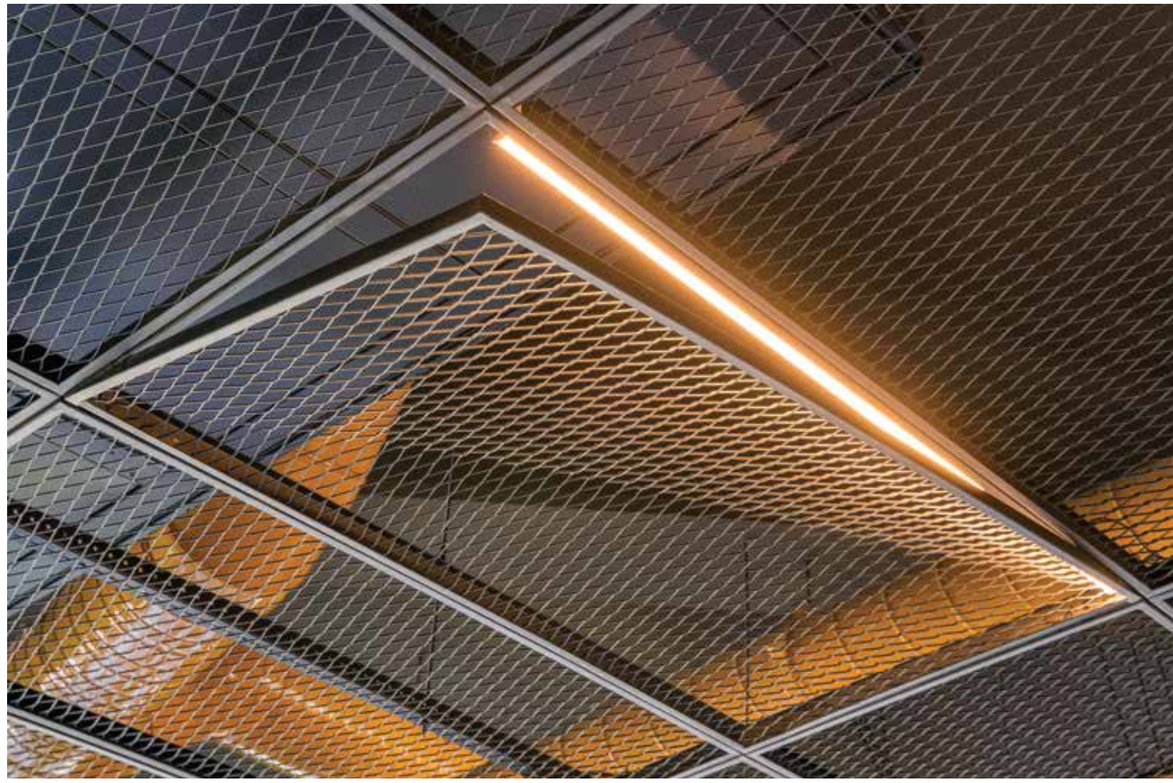
FUNCTION
Suspended Ceiling

PRODUCT
Tokyo 75-5
Expanded Metal 25x75x2x5 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

To install hook-on expanded metal panels using bended material, first measure the installation area to determine the required size and quantity of panels. Create a framework using bended material that is cut and shaped to the required dimensions, and position it correctly for the installation. Hook the panels onto the protrusions of the bended material framework, ensuring that each panel is securely attached and aligned correctly. Check that all panels are level and flush with the surrounding framework, and make any necessary adjustments or repairs. Finally, periodically inspect and maintain the panels to ensure they function as intended and remain free of defects



HATAY STADIUM

LOCATION
Hatay, Türkiye

DATE
2017

ARCHITECT
Alper Aksoy Architect
Arkinom Architect

SECTOR
Stadium

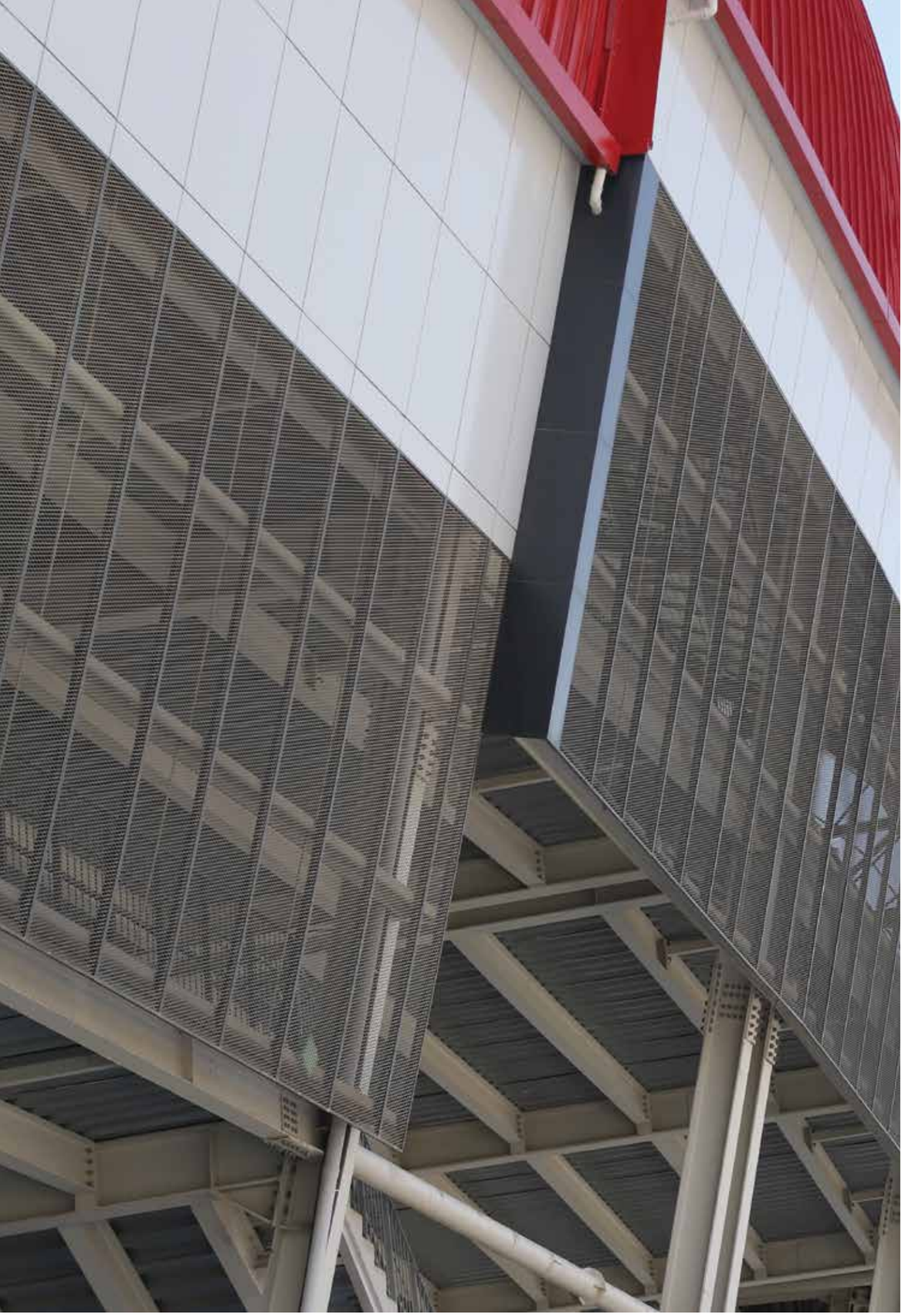
FUNCTION
Facade

PRODUCT
75-7 Tokyo
Expanded Metal 25x75x2x7 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

The Stadium Facade features 5,000 square meters of mesh panels applied as solar shading. The panels use the “Tokyo 75-10” model and are mounted in a radius on the roof, continuing as an oval shape. Mesh panels with a curved shape provide continuity between the roof and the radius panels. Additionally, mesh panels are used as railings and solar shades in the audience exit. To accommodate the long panel lengths, a frame profile with dimensions of 20x30x30 mm and a thickness of 3mm is used. Most of the mesh panels used in the project measure 1000x4500 mm.



EUROFASAD

LOCATION
Tbilisi, Georgia

DATE
2016

ARCHITECT
Medusa Architecture & Design

SECTOR
Office

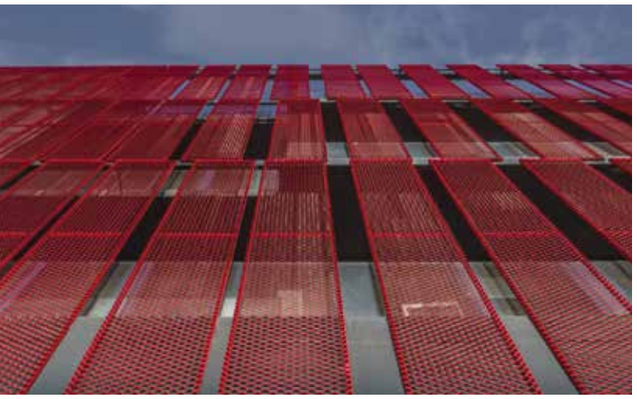
FUNCTION
Facade

PRODUCT
New York 115-15
Expanded Metal 50x115x2x15 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating
Class 2 RAL 3020

"New York" model mesh panels have been used as a solar shading in front of the glass facade covering on the building. The panels welded on the box profiles. A attractive image has been created with the choice of red color (RAL 3000).



TURK TELEKOM

LOCATION
Ankara, Türkiye

DATE
2020

SECTOR
Office

FUNCTION
Facade

PRODUCT
Milan
Expanded Metal 24x40x2x8 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating
RAL 7030

The old facade of the existing building was moved with a modern and formal panel design. Pattern integrity is provided by joining twisted mesh panels on the facade. These panels welding out of frame. The project, approximately 3.500 m^2, belongs to telecommunication giant Turk Telekom.


Turk Telekom

“Sydney” model mesh with a width of 2 meters has been used to cover the section where the air conditioner units are located. The same model product is also preferred in balcony railings too. Mesh panels are mounted on special profiles by screwing method.

KELES CENTER

LOCATION
Istanbul, Türkiye

DATE
2021

ARCHITECT
HSS Architect

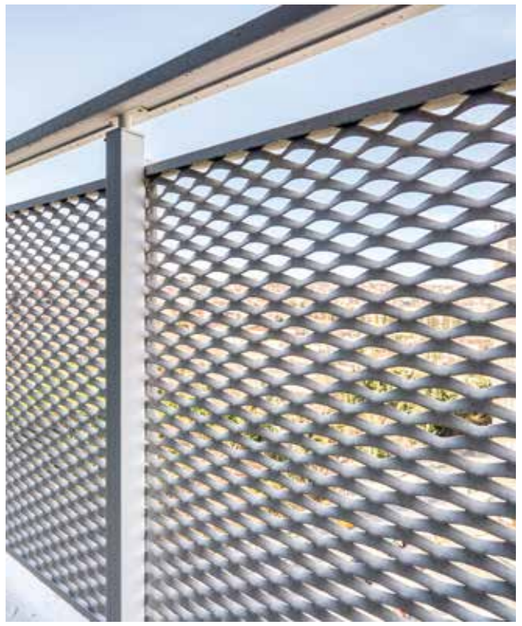
SECTOR
Office

FUNCTION
Facade, Balustrade

PRODUCT
Sydney
Expanded Metal 35x75x2x14 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating
RAL 1036



IBB SEYMEN WASTE GAS ENERGY GENERATION FACILITY

LOCATION
Istanbul, Türkiye

DATE
2021

ARCHITECT
GOA Architect

SECTOR
Public

FUNCTION
Facade

PRODUCT
Tokyo 75-5
Expanded Metal 25x75x2x5 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

EUROPE RESIDENCE YAMANEVLER

LOCATION
Istanbul, Türkiye

DATE
2020

ARCHITECT
Sabri Pasayigit Architect

SECTOR
Residence

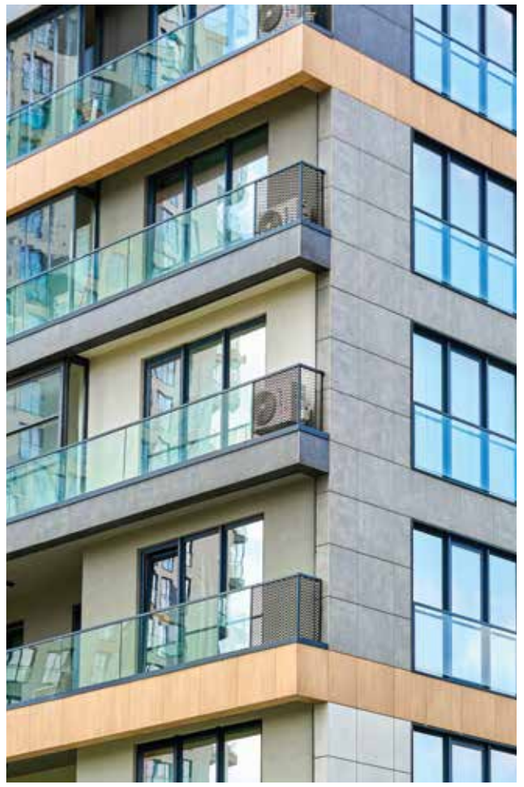
FUNCTION
Air Condition Separator

PRODUCT
New York 115-10
Expanded Metal 50x115x2x10 mm
Expanded Metal 23x62x2x4 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

A very comprehensive concept housing project in european residences yamanevler, mesh panels are used to hide the air conditioners on the balconies. With a special application, mesh panels are used as a cabinet. lock and hinge are installed. Balcony guards are made as aluminum mesh panels to provide integrity.



MICRO TECHNIC FACTORY

LOCATION
Bursa, Türkiye

DATE
2020

SECTOR
Commercial

FUNCTION
Facade

PRODUCT
Kyiv 200-25
Expanded Metal 78x200x2x25 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

KAMEROGLU METROHOME

LOCATION
Istanbul, Türkiye

DATE
2022

ARCHITECT
Murat Erenler Architect

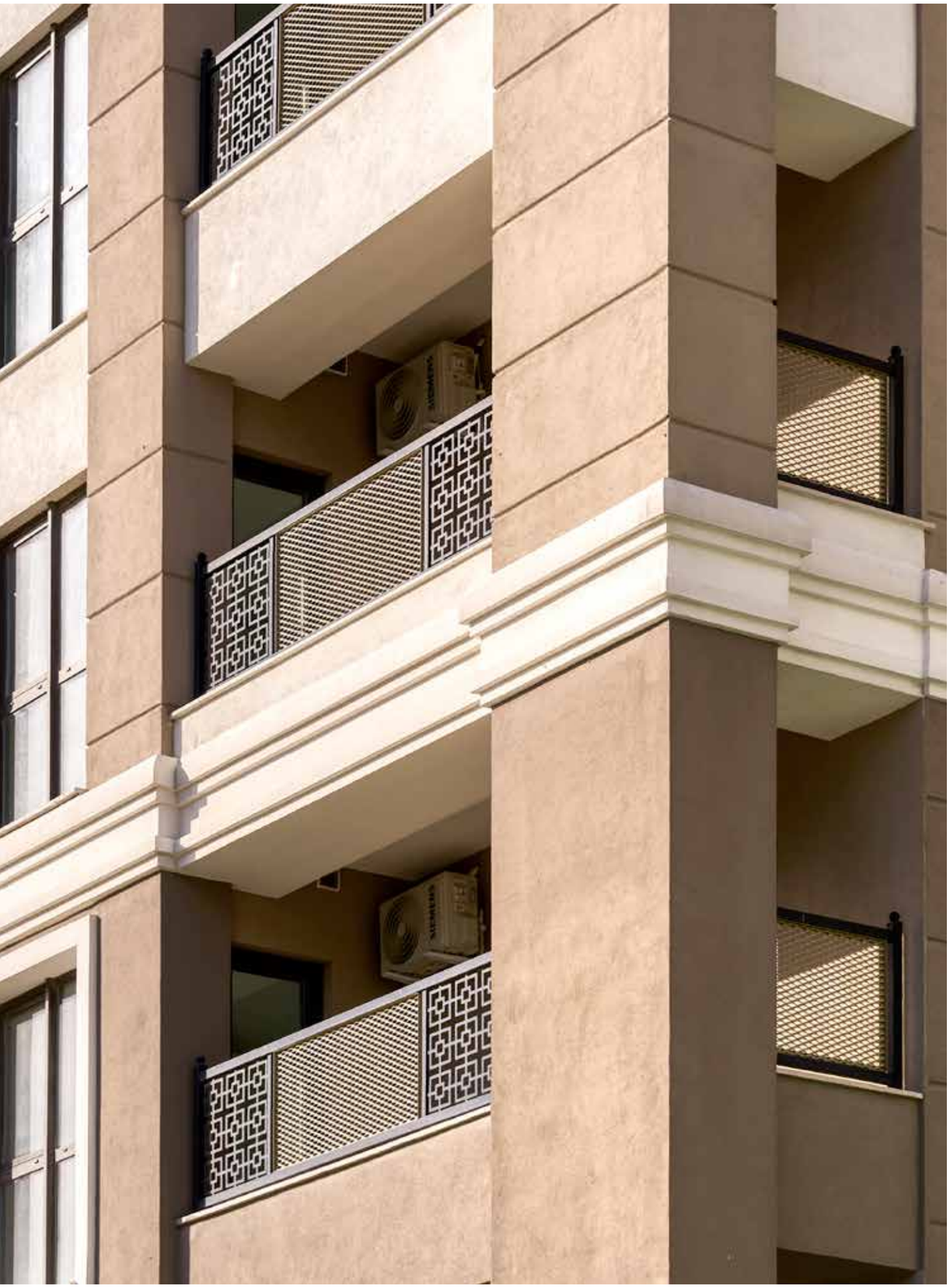
SECTOR
Education

FUNCTION
Facade, Balustrade

PRODUCT
New York 115-20
Expanded Metal 50x115x2x20 mm
Sydney75-12
Expanded Metal 35x75x2x12 mm
Lazer Cut

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating



NAMET HEADQUARTER BUILDING

LOCATION
Istanbul, Türkiye

DATE
2019

ARCHITECT
Camoglu Architect

SECTOR
Office

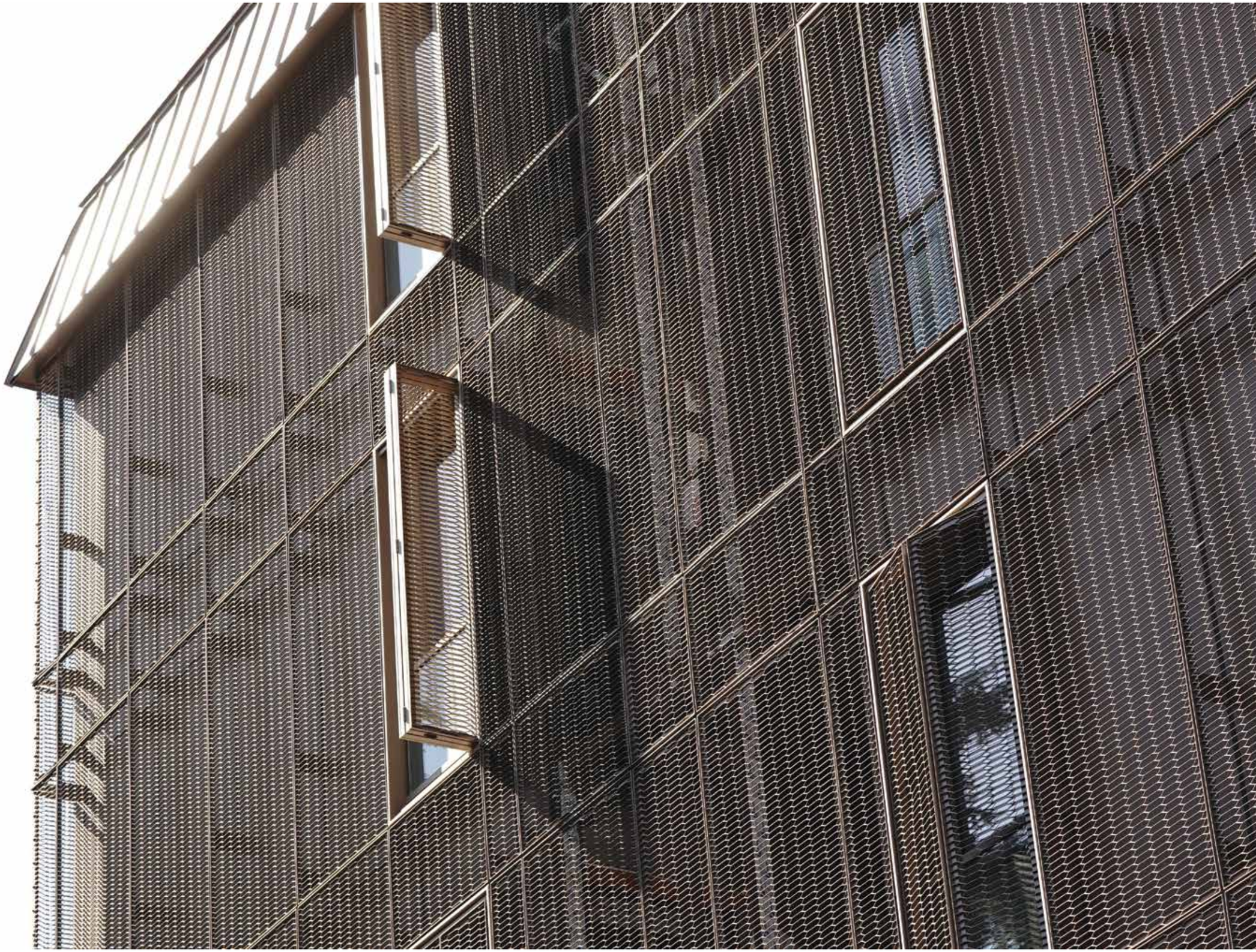
FUNCTION
Sun Breaker

PRODUCT
Istanbul 225-7
Expanded Metal 25x225x2x7 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

Panels applied as solar shading on the facade. The panels that come in front of the windows with the rail system have been in a “open-closing” way. The details of the 2mm L frames are inward welding. As an application detail, the lock is welded to the back of the L frames; the panels are attached to the carcass together with the insertion detail. The project was realized in BEYLERBEYI, in a location overlooking the BOSHPORUS.



PEROLA RESIDENCE TOWER

LOCATION
Istanbul, Türkiye

DATE
2018

ARCHITECT
Hazar Architec

SECTOR
Residence

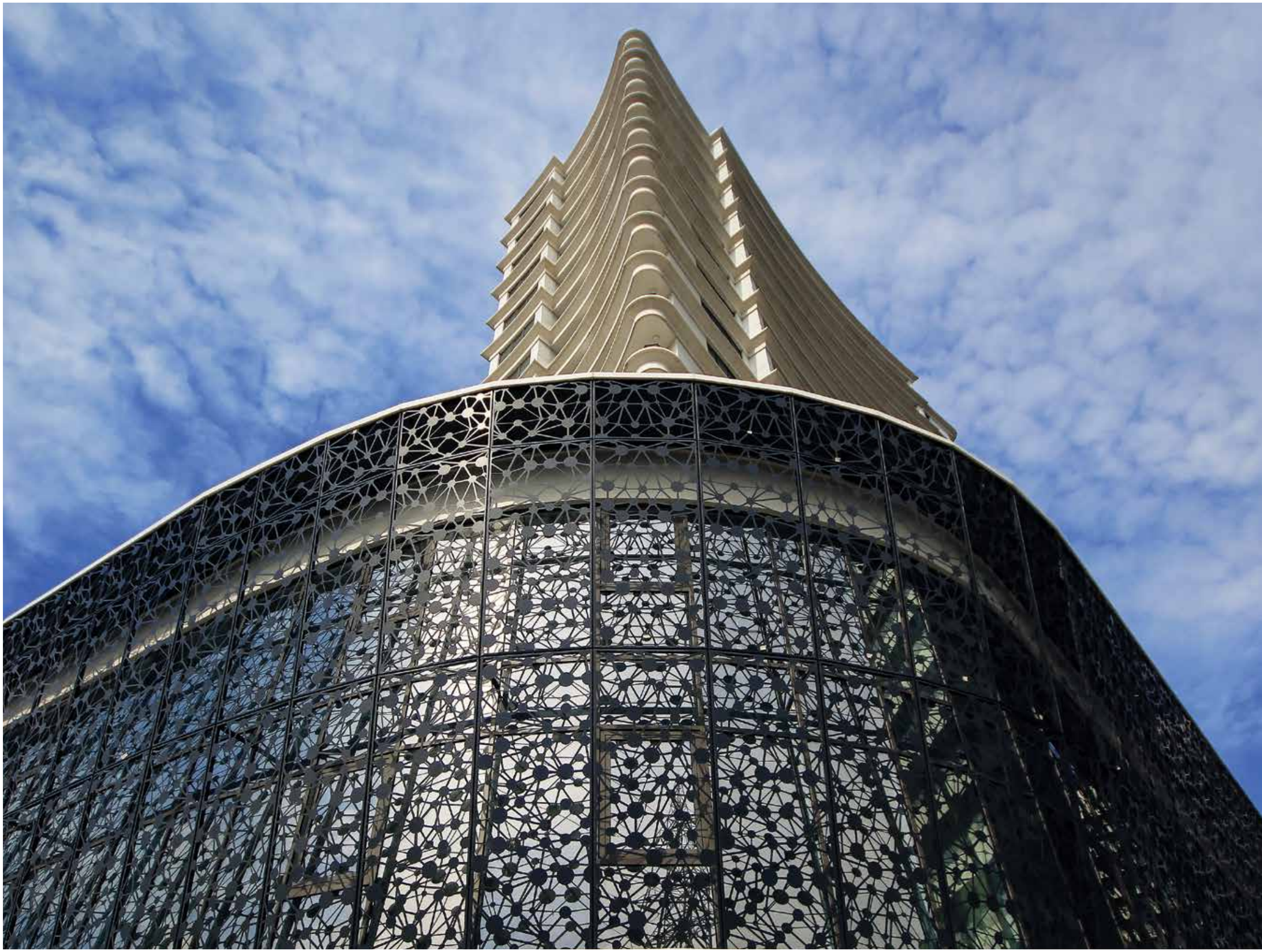
FUNCTION
Facade, Sun Breaker

PRODUCT
Laser Cut

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating
RAL 7016

The motifs produced with the laser cutting technique have been mounted to different panels by ensuring the continuity of the pattern. 2 mm thicknes aluminum used. The laser cut panels with monoblock twists preferred smoked and anthracite (RAL 7016) colors.



With “New York” model mesh panels as solar shading systems created a decorative image on the car park roof of the building. All of the radial panels have been mounted on the carcass. With the mesh panels mounted to different directions in groups of three, they have been achieved in the project.

JNR TEXTILE PARKING

LOCATION
Adana, Türkiye

DATE
2016

ARCHITECT
Canoglu Architect

SECTOR
Parking

FUNCTION
Facade, Sun Breaker

PRODUCT
New York 115-15
Expanded Metal 50x115x2x15

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

USAK SPORT CENTER

LOCATION
Usak, Türkiye

DATE
2015

ARCHITECT
Alper Aksoy Architect

SECTOR
Public

FUNCTION
Facade

PRODUCT
New York 115-10
Expanded Metal 50x115x2x10 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

The mesh panels used in the gym are mounted on the carcass about 1 meter in front of the façade. A design integrity has been achieved with the composite and glass section in the middle.

REPKON

LOCATION
Istanbul, Türkiye

DATE
2018

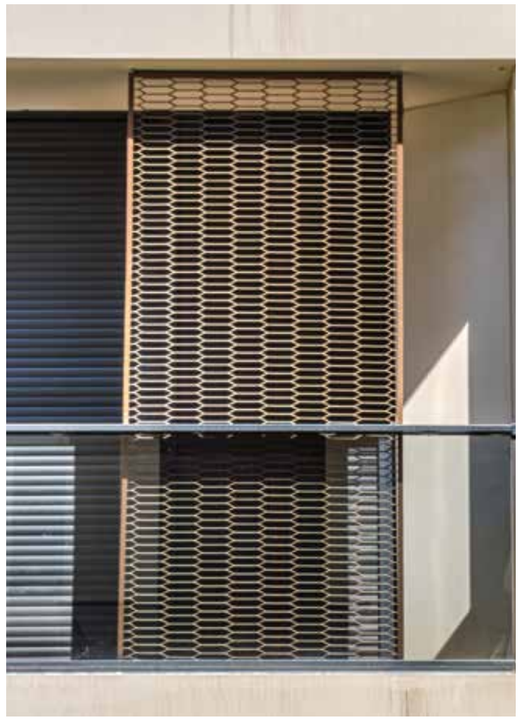
SECTOR
Commercial

FUNCTION
Facade

PRODUCT
Miami
Expanded Metal 40x100x2x10 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating



ACIBADEM RESIDENCES

LOCATION
Istanbul, Türkiye

DATE
2019

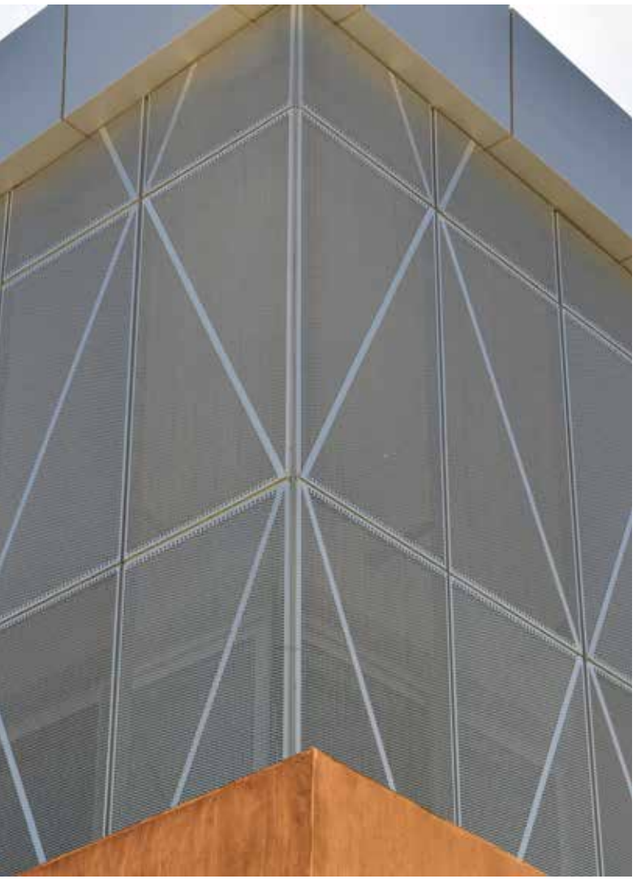
SECTOR
Residences

FUNCTION
Facade

PRODUCT
Istanbul 225-7
Expanded Metal 25x225x2x7 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating



ANTALYA ELMALI BUS TERMINAL

LOCATION
Antalya, Türkiye

DATE
2018

SECTOR
Public

FUNCTION
Sun Breaker, Facade

PRODUCT
Perforated Metal R10-T14

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

In this project used to perforated metal sheet and then with cross border panel have been made “V” look design. These mesh panels mounted to the carcass with to inside twist monoblock.

ZUHRE TEXTIL

LOCATION
Istanbul, Türkiye

DATE
2018

SECTOR
Office

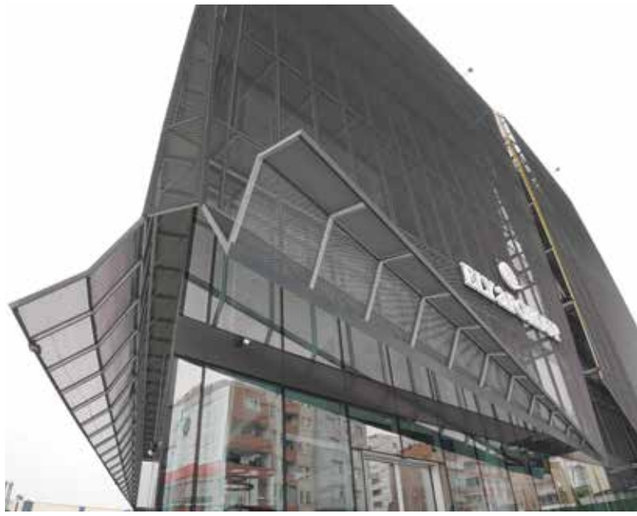
FUNCTION
Facade, Sun Breaker

PRODUCT
Tokyo 75-10
Expanded Metal 25x75x2x10

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

Mesh panels were used to cover the entire building in this project designed as an office. The “Amsterdam” model mesh was laid in front of the glass facade with a frame system, and “Tokyo” model mesh panels were mounted on the facade in front of it. As a frame detail, mesh is welded on Topal U panels and thus the frame detail is hidden. The project application area is 3500 m^2 in total.



KAPAKLI ATATURK CULTURAL CENTER

LOCATION
Tekirdag, Türkiye

DATE
2018

SECTOR
Public

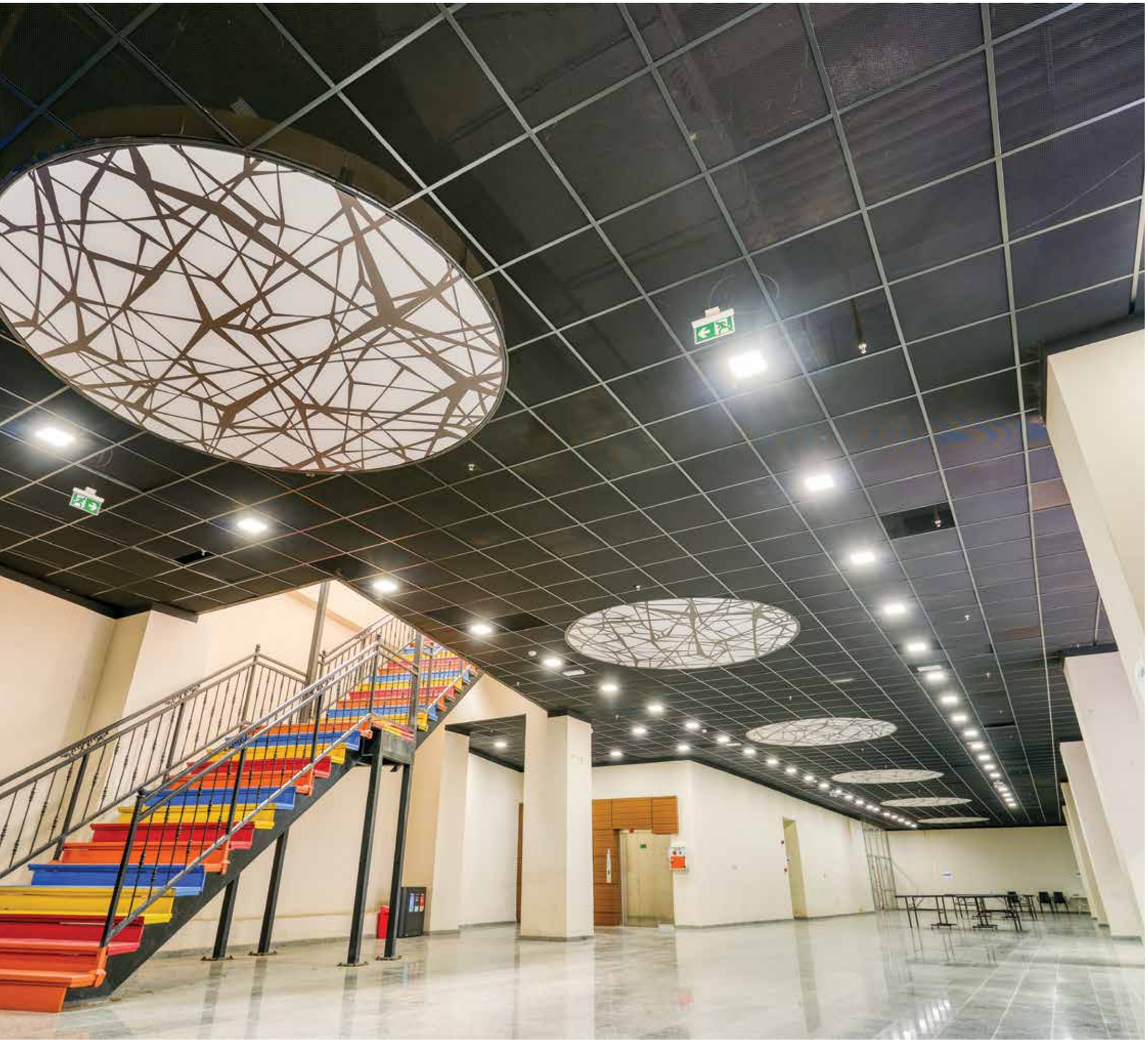
FUNCTION
Facade, Sun Breaker

PRODUCT
New York 115-15
Expanded Metal 50x115x2x5 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

Designed mesh panels as a trapezoid rectangle have been used on entire balconies. With welded aluminium mesh panels on the profile frame have been completed design. Copper preferred as the colour.



VENUS TEXTILE

In the showroom of clothing textile company have been mounted Hook-on special sized panels with special sized ceiling systems.3 lighting system applied to this system.

LOCATION
Istanbul, Türkiye

DATE
2018

ARCHITECT
Anb Project Design Office

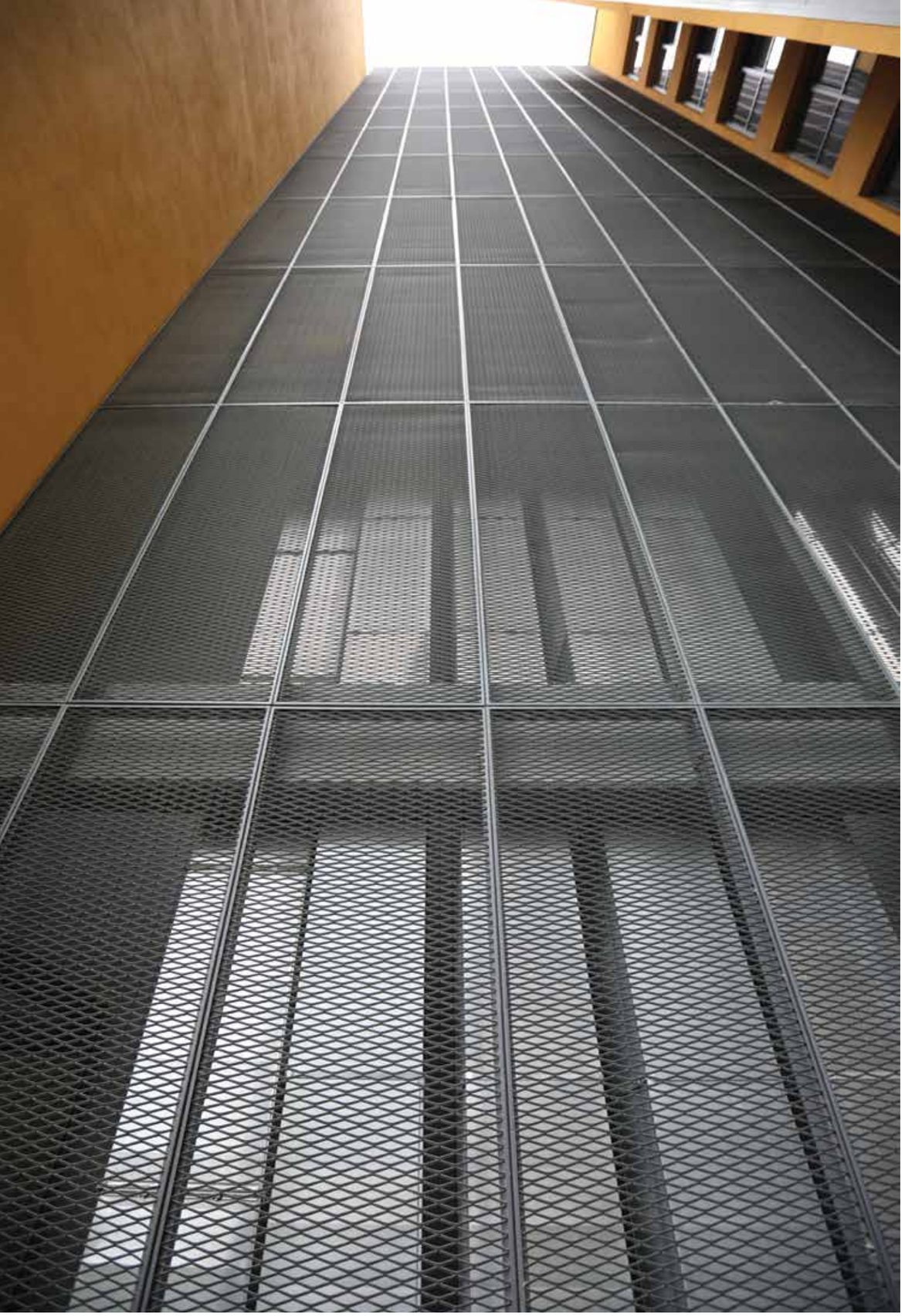
SECTOR
Office

FUNCTION
Architectural Mesh Suspended Hook-on Ceiling

PRODUCT
Beijing 85-7
Expanded Metal 28x85x2x7 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating



FIRUZE RESIDENCE

LOCATION
Istanbul, Türkiye

DATE
2018

ARCHITECT
Ergun Architect

SECTOR
Residence

FUNCTION
Facade, Air Conditioning Casing

PRODUCT
Rome
Expanded Metal 33x100x2x7 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

TIMA TERRACE

LOCATION
Istanbul, Türkiye

DATE
2018

ARCHITECT
ANB Project Design Office

SECTOR
Housing

FUNCTION
Facade, Sun Breaker

PRODUCT
New York 115-10
Expanded Metal 50x115x2x10 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

KARAKOY PIER

LOCATION
Istanbul, Türkiye

DATE
2017

ARCHITECT
Alper Aksoy Architects

SECTOR
Public

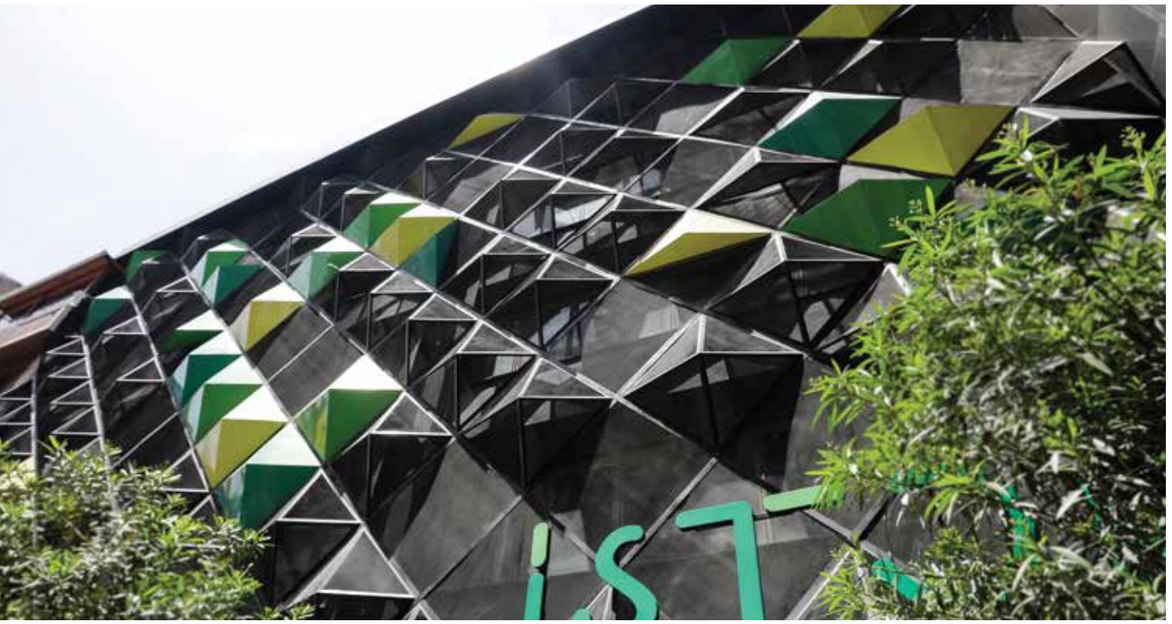
FUNCTION
Hook-on Suspended Ceiling

PRODUCT
Amsterdam
Expanded Metal 23x62x1.5x4 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

Hook-on suspended ceiling system has been used on the high ceilings of the project.



ISTOVA

LOCATION
Istanbul, Türkiye

DATE
2018

SECTOR
Office

FUNCTION
Facade

PRODUCT
Expanded Metal 12x30x2x3 mm
2 mm Bended Aluminum Panel
Perforated Metal R10-U15

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

PAZAR ISTANBUL

LOCATION
Istanbul, Türkiye

DATE
2019

SECTOR
Public

FUNCTION
Facade

PRODUCT
Square Perforated Metal 40x40 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

METRO STATIONS

LOCATION
Istanbul, Türkiye

ARCHITECT
Tekfen Holding

SECTOR
Public

FUNCTION
Wall Cladiing

PRODUCT
Hawana
Expanded Metal 5x10x1.5x1.5 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

It has been designed as a railing between the glass panels on the platforms of subway stations. The panels to continue along the platforms in horizontal sections brought together metal and glass without interrupting the light and visuality.

ALINDA PARK LUNA RESIDENCE

LOCATION
Istanbul, Türkiye

DATE
2017

SECTOR
Residence

FUNCTION
Mesh Facade

PRODUCT
Amsterdam 62-14
Expanded Metal 29x62x2x14 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

GREEN TOWN PLUS

LOCATION
Istanbul, Türkiye

DATE
2018

SECTOR
Housing

FUNCTION
Facade

PRODUCT
Cyprus
Expanded Metal 52x115x2x24 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

GUN VIDA

LOCATION
Istanbul, Türkiye

DATE
2019

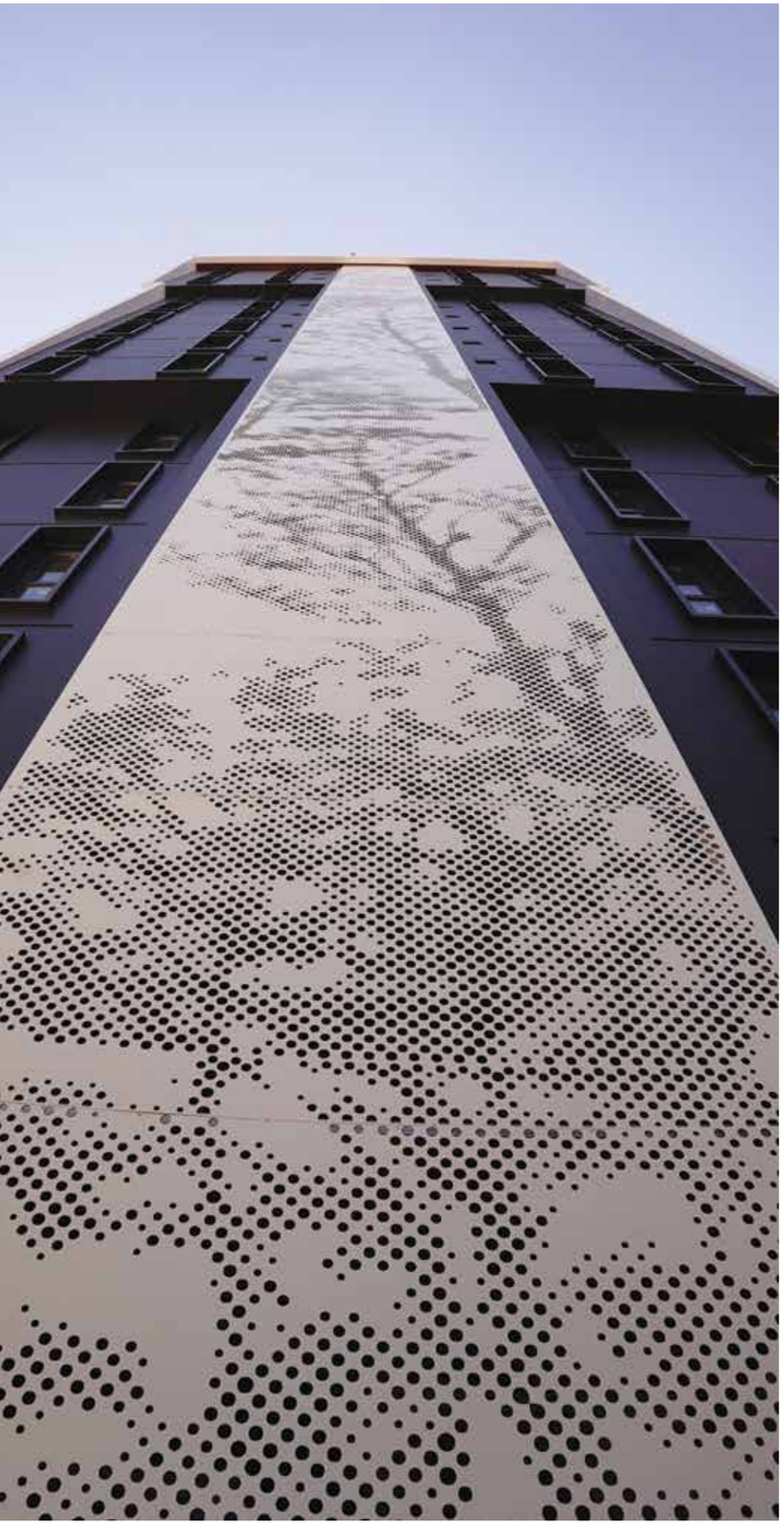
SECTOR
Office

FUNCTION
Wall Cladding, Decorative Mesh Panel, Architectrual Interior Design

PRODUCT
Beijing 85-7
Expanded Metal 28x85x2x7 mm
Montenegro
Expanded Metal 5x225x2x7 mm
Montenegro
Expanded Metal 15x160x2x4 mm
Berlin 45
Expanded Metal 9x64x45x2.64 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating



KENT PARK

LOCATION
Istanbul, Türkiye

DATE
2018

SECTOR
Office

FUNCTION
Facade

PRODUCT
Multiperforated Metal

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

On aluminium panels created a tree figure with the “Multiperforated Punch” technique. Created along the facade of the building this figure has been lighted from the back side with the LED, making in a green tree image.

BENESTA BEYOĞLU

LOCATION
Istanbul, Türkiye

DATE
2019

SECTOR
Office

FUNCTION
Lay-on Suspended Ceiling

PRODUCT
Tokyo
Expanded Metal 25x75x1x5 mm

MATERIAL
Mild Steel

SURFACE FINISH
Electrostatic Powder Coating

The black T-24 Lay-on “Tokyo” model mesh ceiling system has been applied to each floor along the corridor. The back side of the mesh panels covered with acoustic fabric with the same color.

FLOKSER

In front of old facade mounted with “New York” model aluminium mesh panels. Aluminium panels coated natural anodized and reverse L inside welding method have been used.

LOCATION
Istanbul, Türkiye

DATE
2016

SECTOR
Office

FUNCTION
Facade

PRODUCT
New York 115-15
Expanded Metal 50x115x3x15 mm

MATERIAL
Aluminum

SURFACE FINISH
Natural Anodized

NEF BAHÇELIEVLER

LOCATION
Istanbul, Türkiye

DATE
2021

SECTOR
Housing

FUNCTION
Railing

PRODUCT
Sydney 75-4
Expanded Metal 30x75x1.5x4 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

MKM WOOD

LOCATION
Istanbul, Türkiye

DATE
2017

ARCHITECT
ANB Project Design Office

SECTOR
Office

FUNCTION
Hook-On Suspended Ceiling

PRODUCT
Expanded Metal 23x62x1,5x4 mm

MATERIAL
Mild Steel

SURFACE FINISH
Electrostatic Powder Coating

CAFE AND RESTAURANT

LOCATION
Istanbul, Türkiye

DATE
2016

ARCHITECT
ANB Project Design Office

SECTOR
Commercial

FUNCTION
Lay-on Suspended Ceiling

PRODUCT
Expanded Metal 25x75x1x5 mm

MATERIAL
Mild Steel

SURFACE FINISH
Electrostatic Powder Coating

LOUISE MEDICAL CENTER

LOCATION
Albania

DATE
2018

SECTOR
Commercial

FUNCTION
Facade

PRODUCT
Tokyo 75-10
Expanded Metal 27x75x2x10 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

SIMPAS DEPOSITE SHOPPING MALL

LOCATION
Istanbul, Türkiye

DATE
2015

SECTOR
Sopping Mall

FUNCTION
Facade, Sun Breaker

PRODUCT
New York 115-10
Expanded Metal 50x115x3x15 mm

MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

NUMBUS BRANCH OFFICE

LOCATION
Istanbul, Türkiye

DATE
2023

SECTOR
Sopping Mall

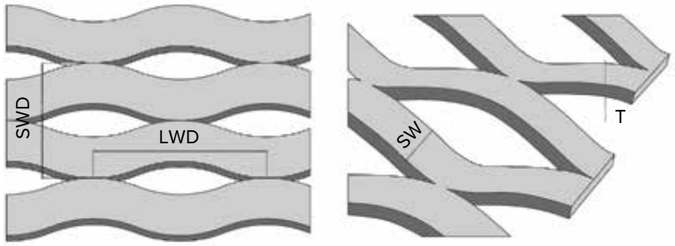
FUNCTION
Facade

PRODUCT
Amsterdam 62-7
Expanded Metal 23x62x2x7 mm

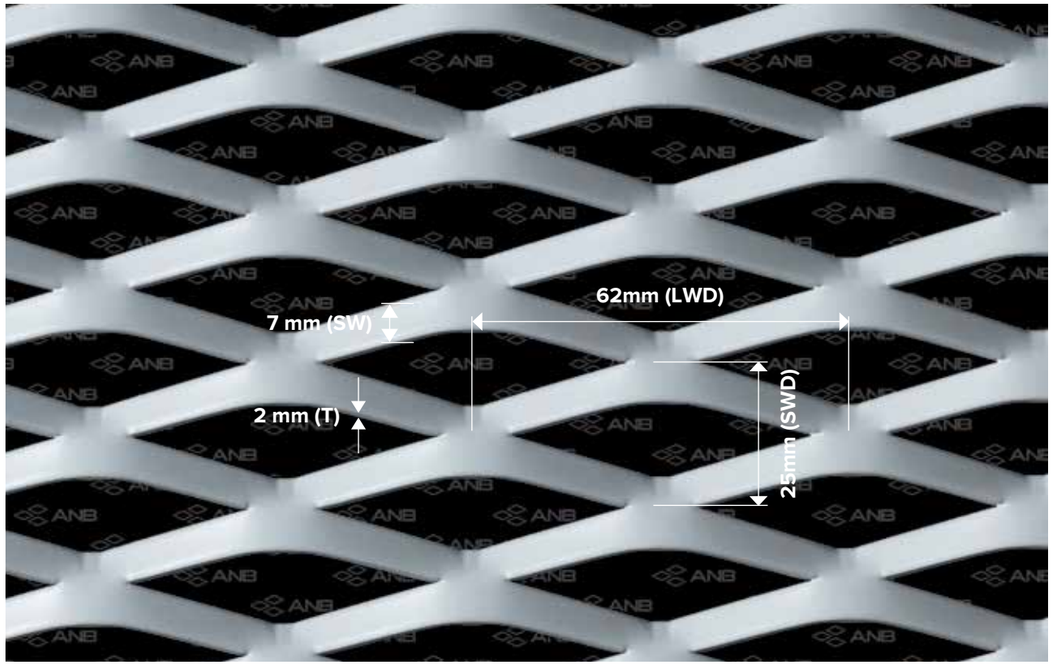
MATERIAL
Aluminum

SURFACE FINISH
Electrostatic Powder Coating

EXPANDED METAL MESH



LWD : Longway dimensions
SWD : Shortway dimensions
SW : Strand width
T : Thickness

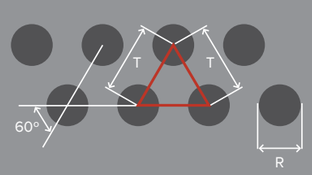


25 x 62 x 2 x 7
SWD x LWD x T x SW

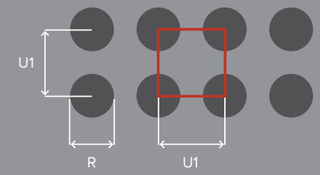
PERFORATED METAL

Hole Arrangement

Round hole arrangement

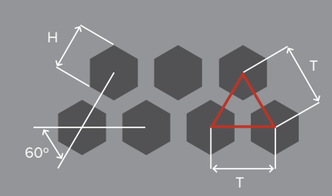


R: Round hole
T: Distance Between center



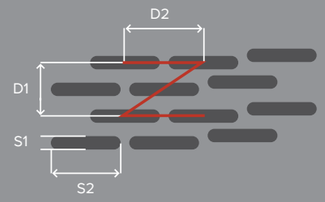
R: Round hole
U1: Distance between center

Hexagonal hole arrangement



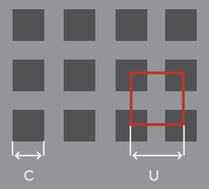
H: Horizontal
T: Distance between center

Slot hole arrangement

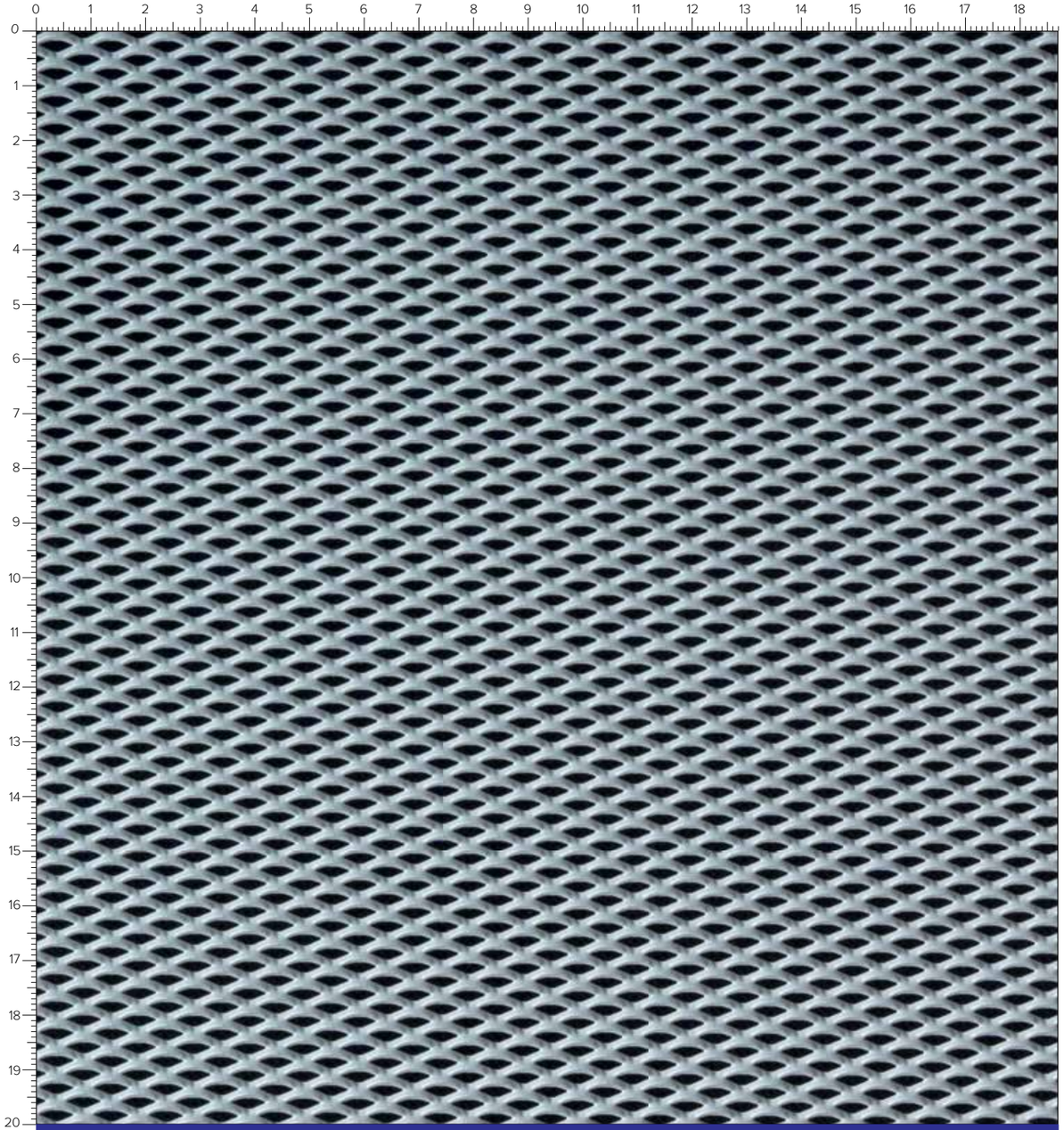


S1: Slot hole
S2: Distance between center
D1: Vertical distence between center
D2: Horizontal distence between center

Square hole arrangement

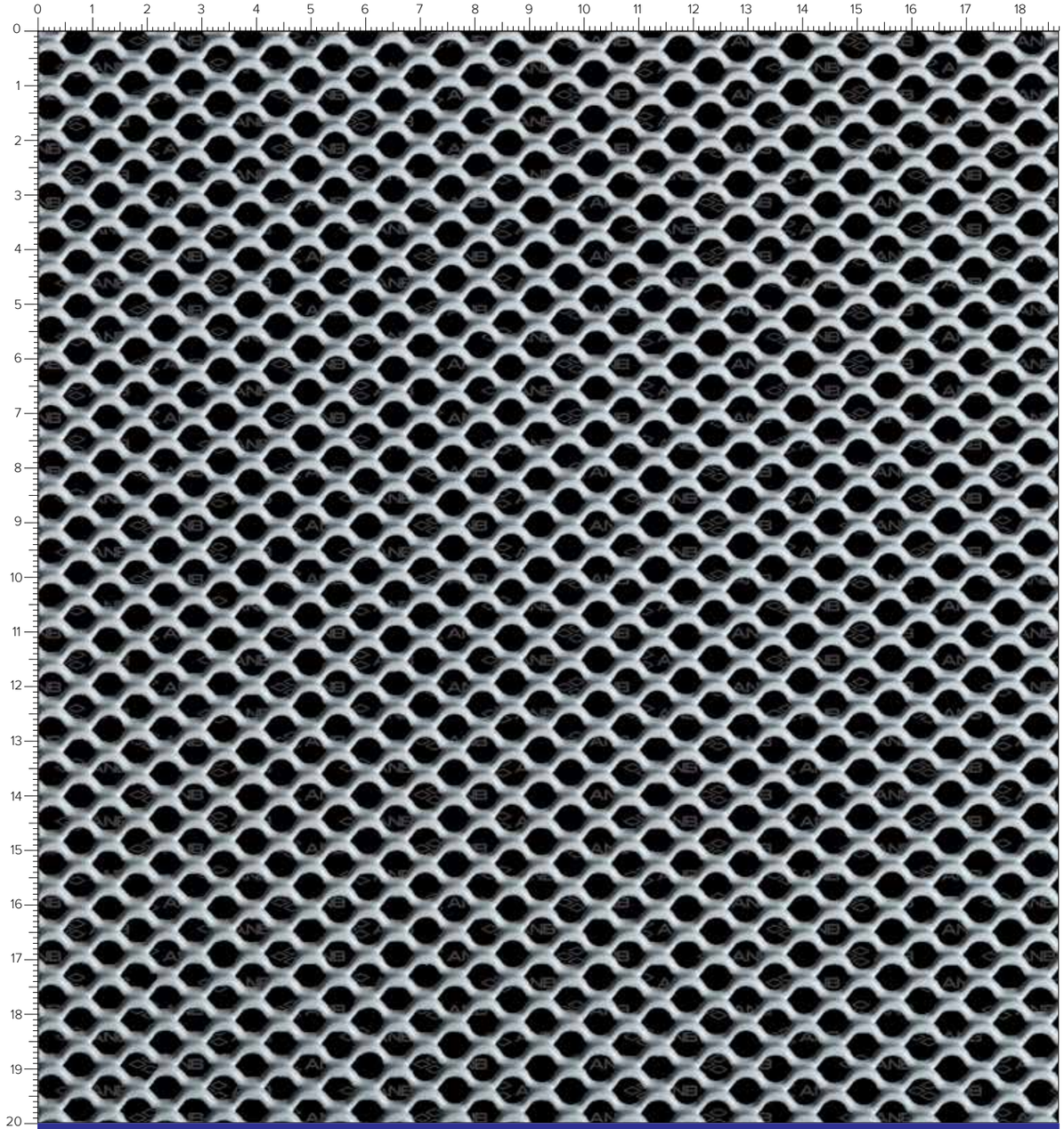


C: Square hole
U: Distance between center

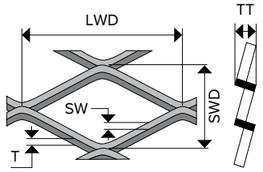


Hawana / 5.00 x 10.00 x 1.50 x 1.50 mm **SCALA: 1:1**

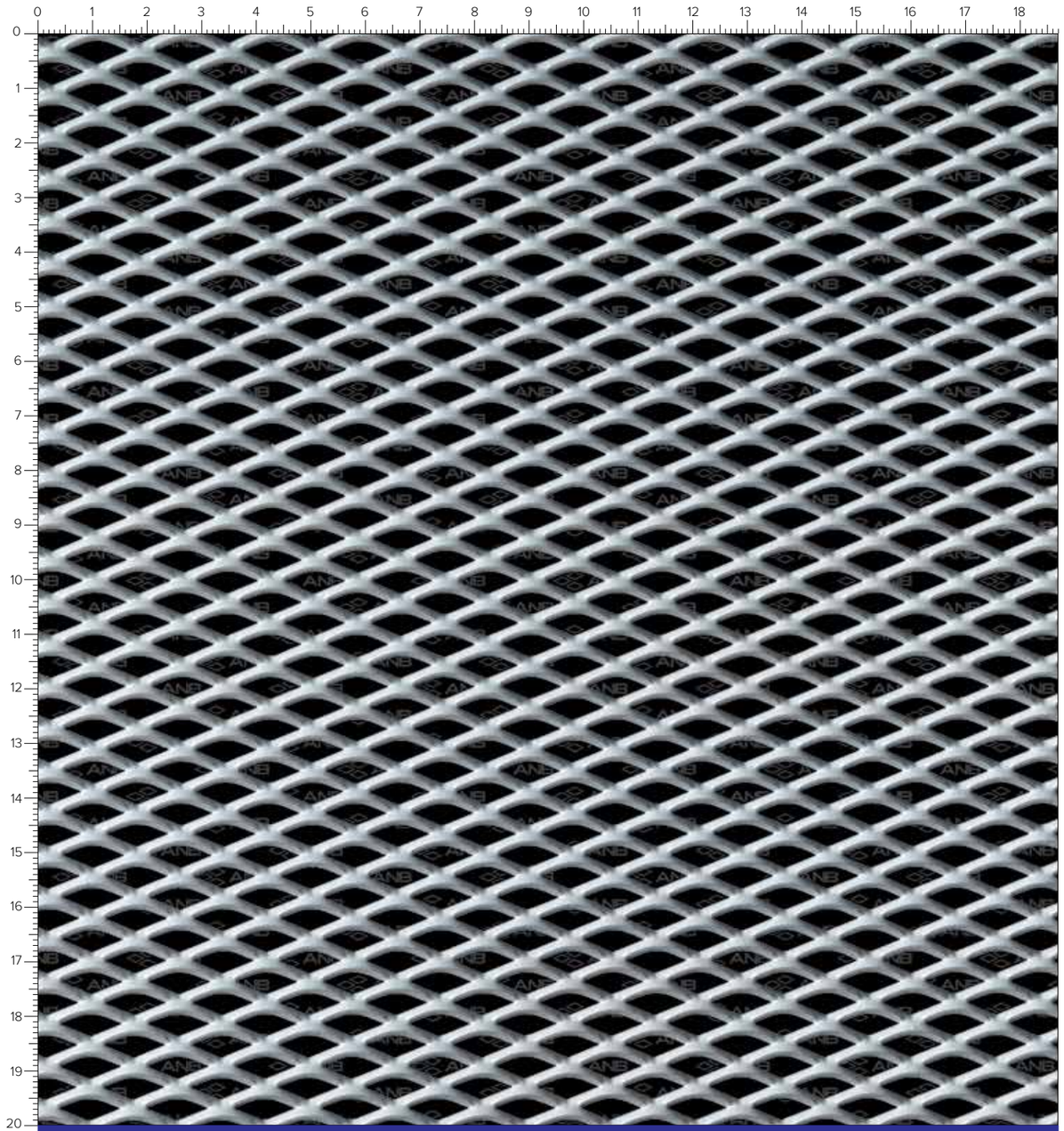
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
5.00 x 10.00 x 1.00 x 1.50	Aluminum	5.00	10.00	1.00	1.50	1.638	40
5.00 x 10.00 x 1.50 x 1.50	Aluminum	5.00	10.00	1.50	1.50	2.457	40
5.00 x 10.00 x 1.00 x 1.50	Mild Steel	5.00	10.00	1.00	1.50	4.710	40
5.00 x 10.00 x 1.50 x 1.50	Mild Steel	5.00	10.00	1.50	1.50	7.065	40



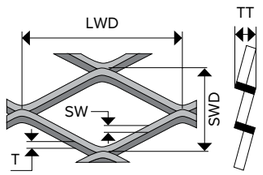
Viena / 7.00 x 10.00 x 2.00 x 2.00 mm **SCALA: 1:1**



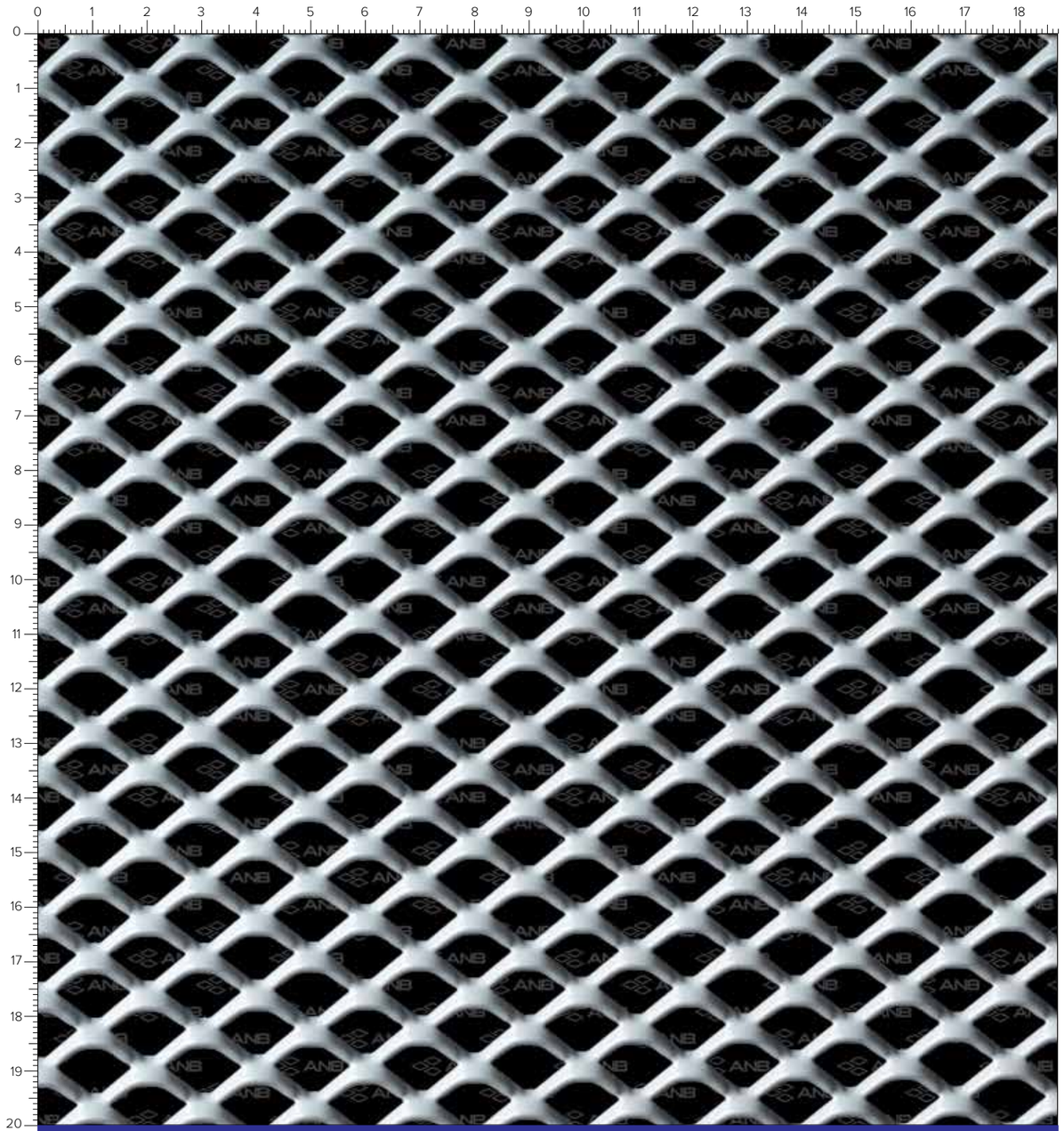
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
7.00 x 10.00 x 1.50 x 2.00	Aluminum	7.00	10.00	1.50	2.00	2.340	43
7.00 x 10.00 x 2.00 x 2.00	Aluminum	7.00	10.00	1.50	2.00	3.120	43



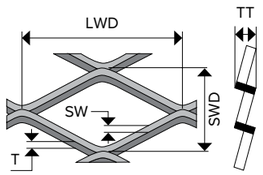
Lisbon / 8.00 x 16.00 x 1.50 x 2.00 mm **SCALA: 1:1**



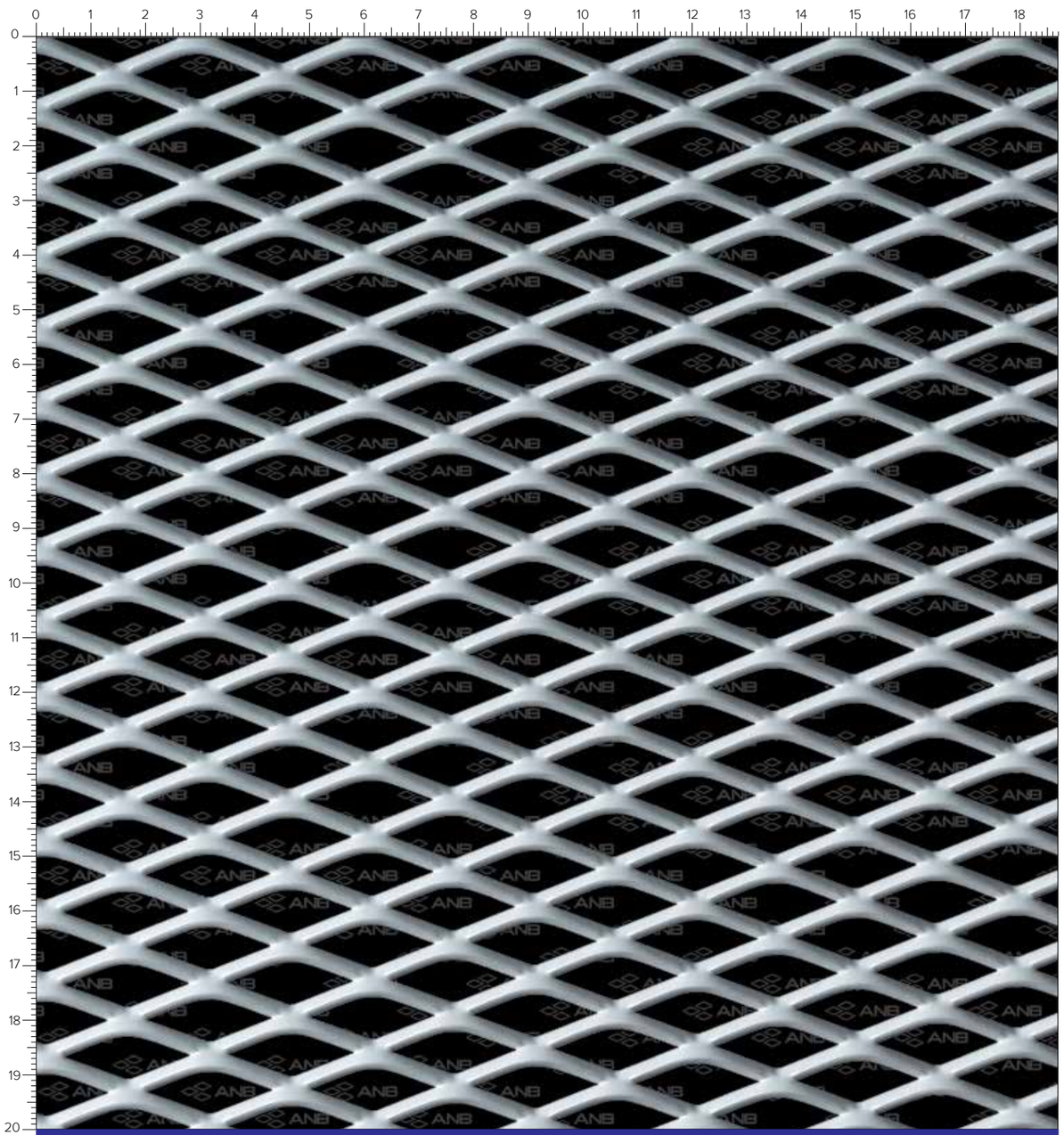
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
8.00 x 16.00 x 1.50 x 2.00	Mild Steel	8.00	16.00	1.50	2.00	5.888	50
8.00 x 16.00 x 1.50 x 2.00	Aluminum	8.00	16.00	1.50	2.00	2.080	50
8.00 x 16.00 x 2.00 x 2.00	Aluminum	8.00	16.00	2.00	2.00	2.730	50



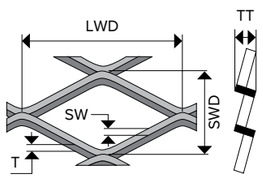
Oslo 20 / 15.00 x 20.00 x 2.00 x 3.00 mm **SCALA: 1:1**



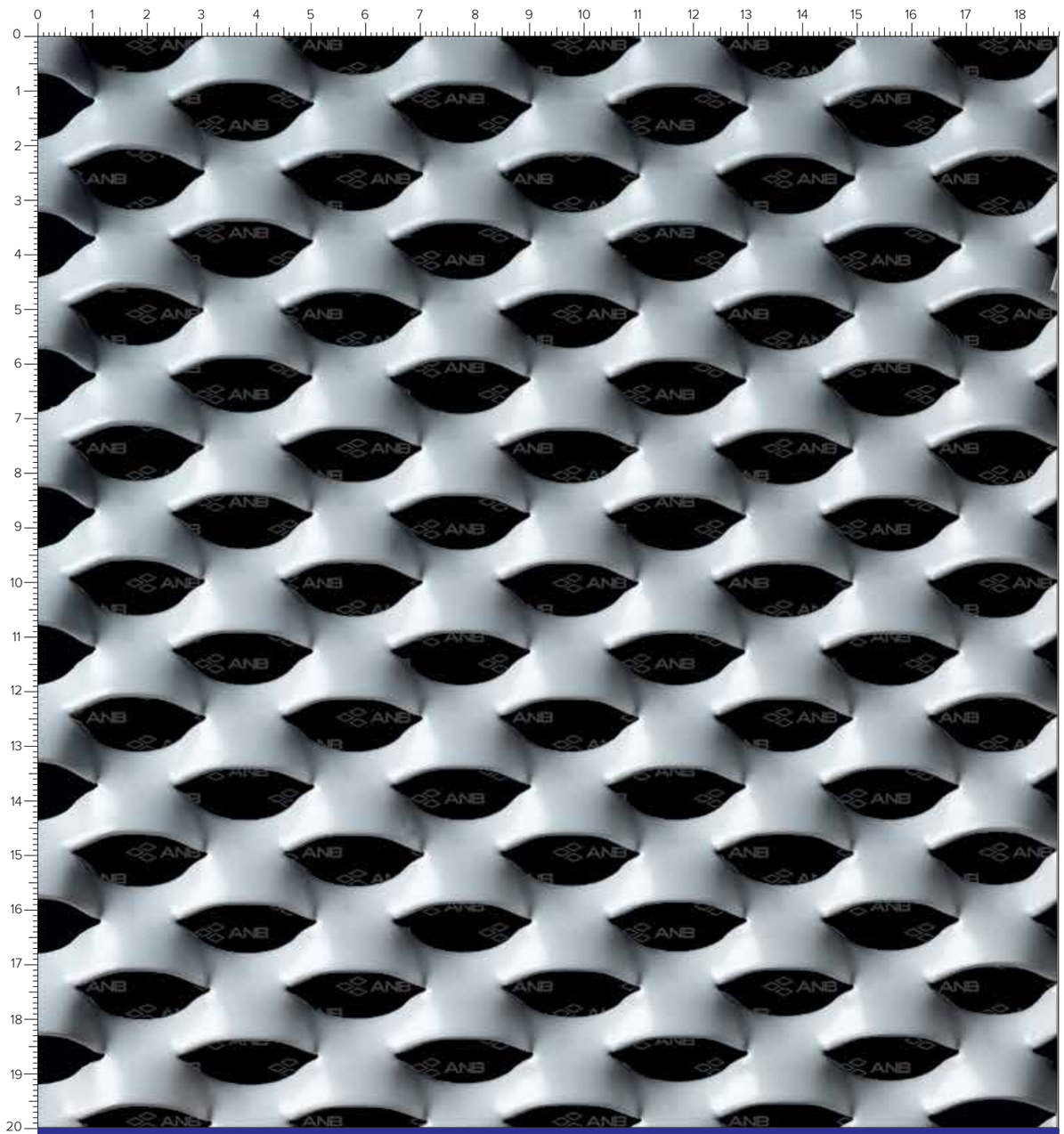
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
15.00 x 20.00 x 1.50 x 3.00	Aluminum	15.00	20.00	1.50	3.00	1.638	60
15.00 x 20.00 x 2.00 x 3.00	Aluminum	15.00	20.00	2.00	3.00	2.184	60



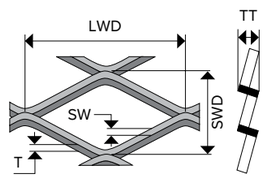
Moscow 30 / 12.00 x 30.00 x 2.00 x 3.00 mm **SCALA: 1:1**



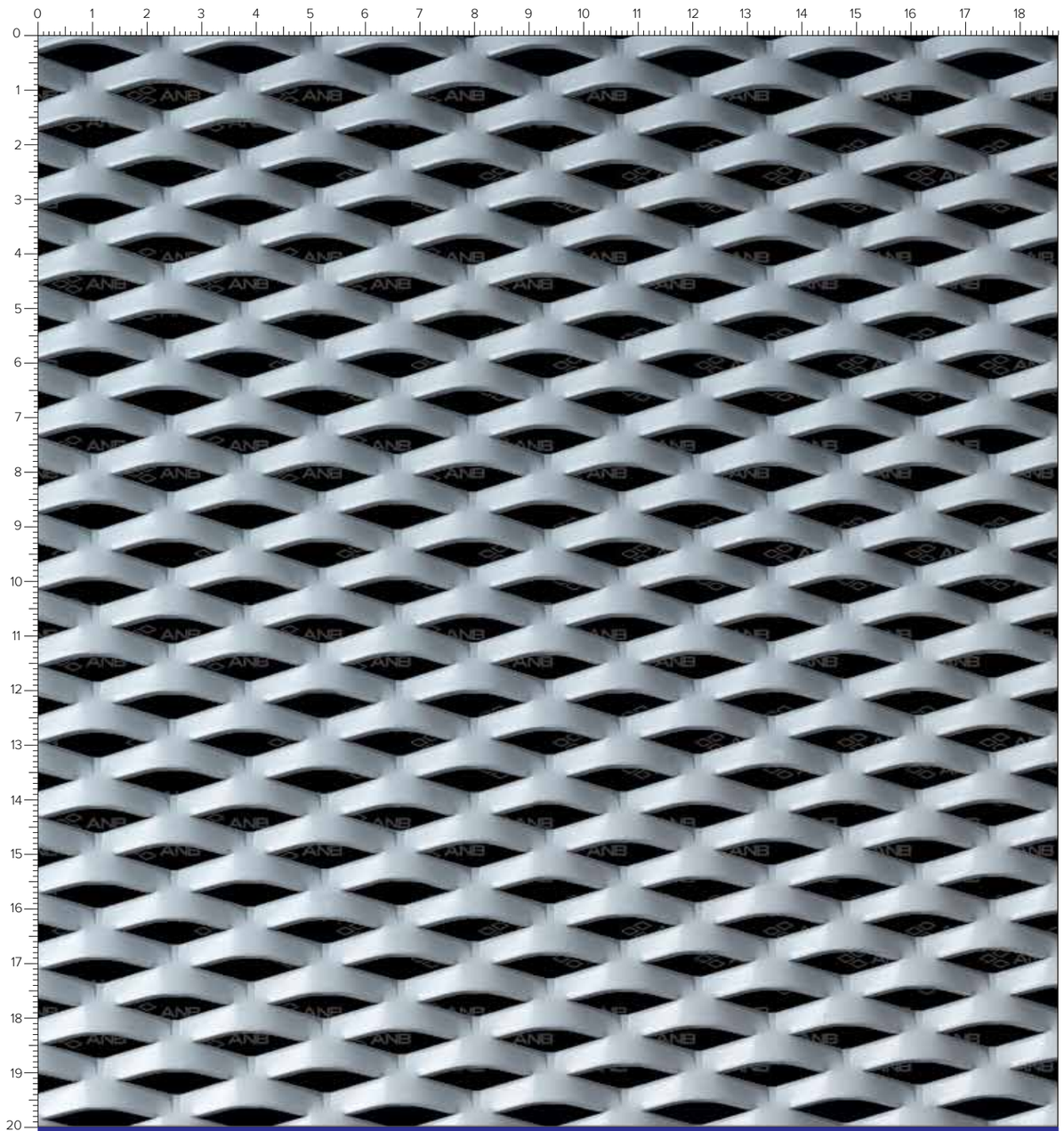
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
12.00 x 30.00 x 1.50 x 3.00	Mild Steel	12.00	30.00	1.50	3.00	5.888	50
12.00 x 30.00 x 2.00 x 3.00	Mild Steel	12.00	30.00	2.00	3.00	7.850	50
12.00 x 30.00 x 2.00 x 3.00	Aluminum	12.00	30.00	2.00	3.00	2.048	50



Milan / 24.00 x 40.00 x 2.00 x 8.00 mm **SCALA: 1:1**

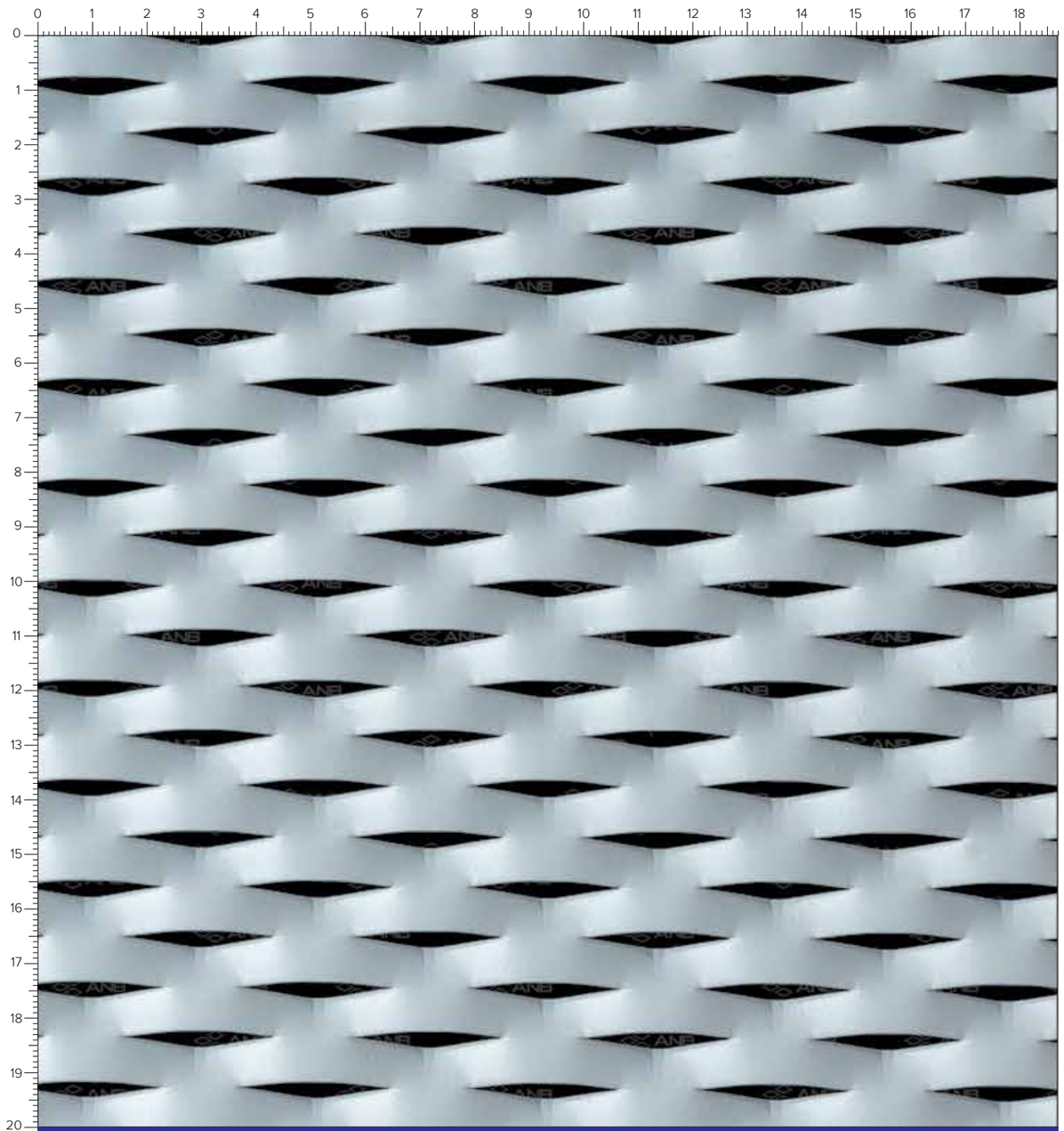


Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
24.00 x 40.00 x 1.50 x 8.00	Aluminum	24.00	40.00	1.50	8.00	2.730	33
24.00 x 40.00 x 2.00 x 8.00	Aluminum	24.00	40.00	2.00	8.00	3.640	33



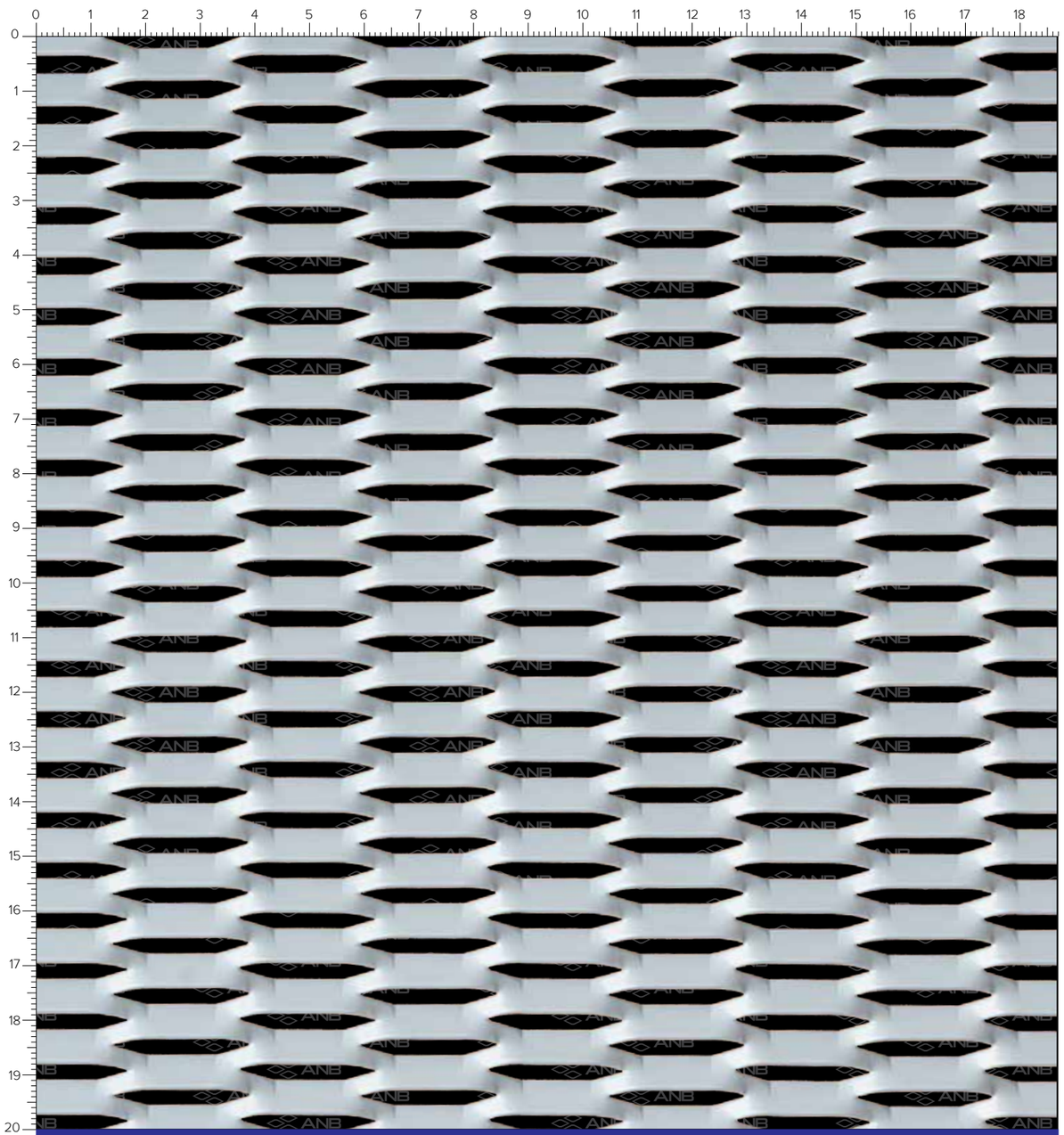
Bern / 14.00 x 28.00 x 2.00 x 5.00 mm **SCALA: 1:1**

Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
14.00 x 28.00 x 1.50 x 5.00	Mild Steel	14.00	28.00	1.50	5.00	6,729	43
14.00 x 28.00 x 2.00 x 5.00	Mild Steel	14.00	28.00	2.00	5.00	8.971	43
14.00 x 28.00 x 2.00 x 5.00	Aluminum	14.00	28.00	2.00	5.00	3.120	43



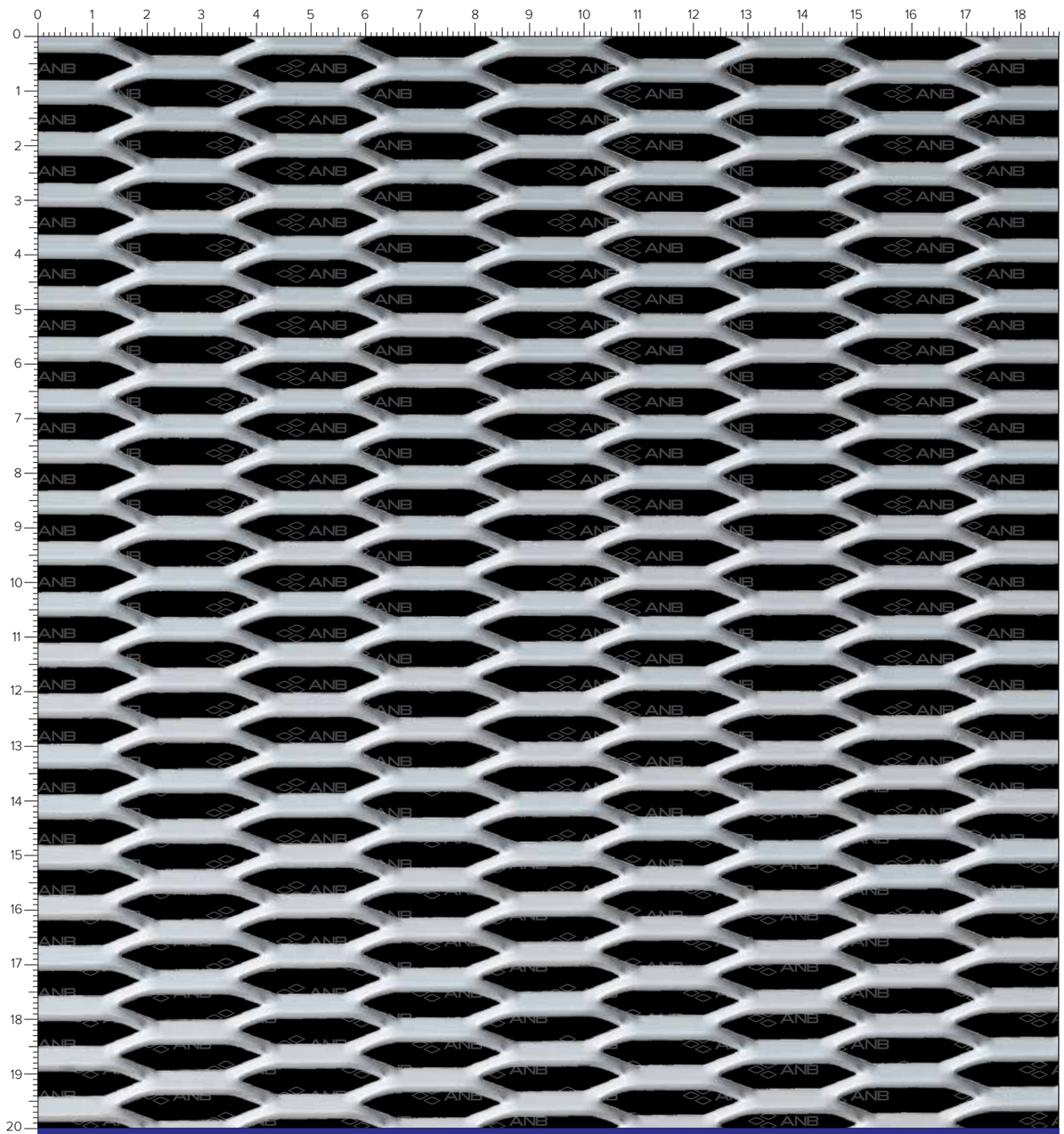
Kopenhag / 18.00 x 42.00 x 2.00 x 8.00 mm **SCALA: 1:1**

Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
18.00 x 42.00 x 1.50 x 8.00	Mild Steel	18.00	42.00	1.50	8.00	10.467	11
18.00 x 42.00 x 2.00 x 8.00	Mild Steel	18.00	42.00	2.0	8.00	13.956	11
18.00 x 42.00 x 1.50 x 8.00	Aluminum	18.00	42.00	1.50	8.00	3.640	11
18.00 x 42.00 x 2.00 x 8.00	Aluminum	18.00	42.00	2.0	8.00	4.853	11



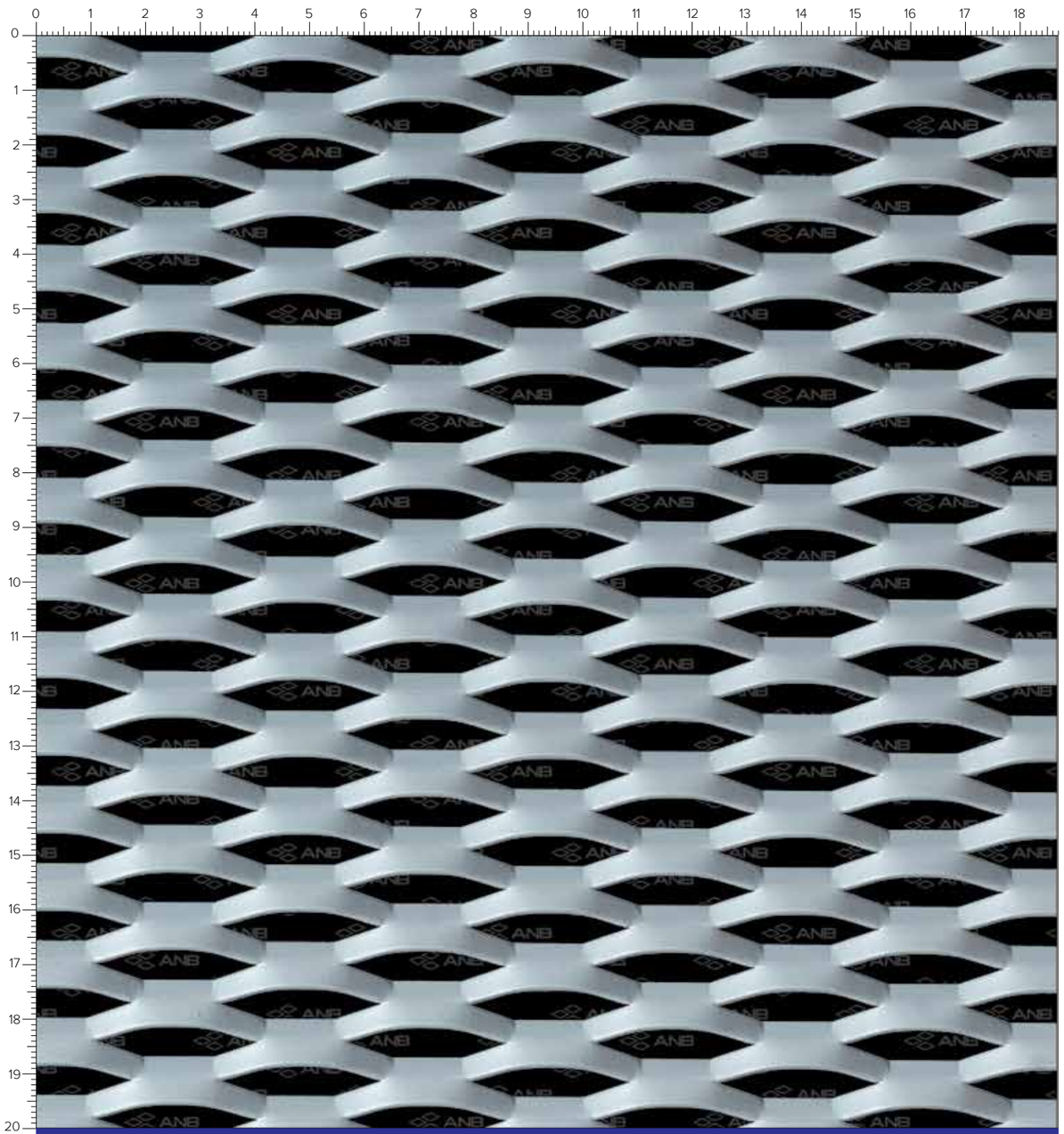
Baku / 8.40 x 45.00 x 1.50 x 3.50 mm **SCALA: 1:1**

Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
8.40 x 45.00 x 1.50 x 3.50	Mild Steel	8.40	45.00	1.50	3.50	9.813	16
8.40 x 45.00 x 1.50 x 3.50	Aluminum	8.40	45.00	1.50	3.50	3.413	16
8.40 x 45.00 x 2.00 x 3.50	Aluminum	8.40	45.00	2.00	3.50	4.550	16



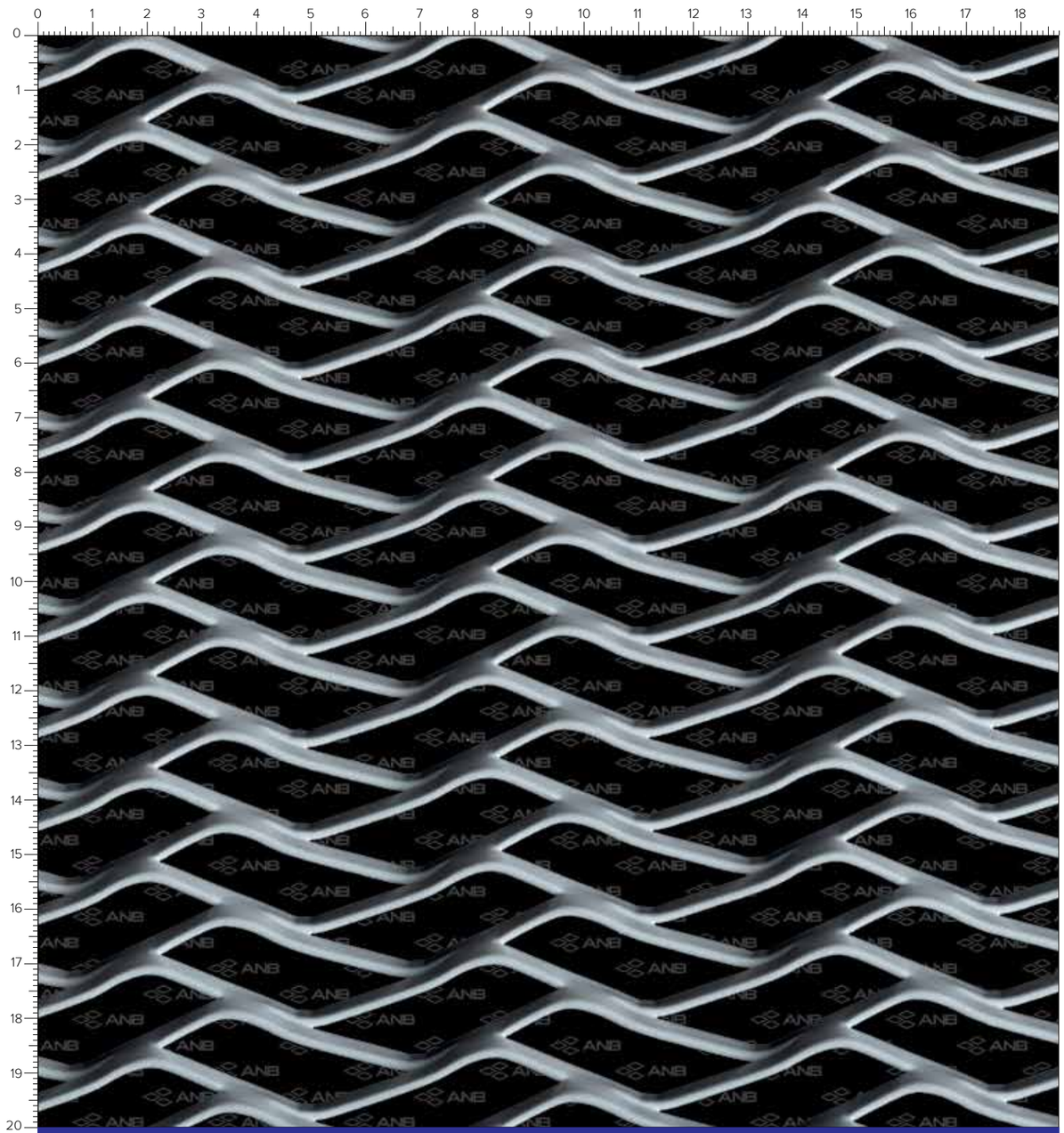
Berlin 45 / 9.64 x 45.00 x 2.00 x 2.60 mm **SCALA: 1:1**

Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
9.64 x 45.00 x 1.50 x 2.64	Mild Steel	9.64	45.00	1.50	2.60	6.449	45
9.64 x 45.00 x 2.00 x 2.64	Mild Steel	9.64	45.00	2.00	2.60	8.599	45
9.64 x 45.00 x 2.00 x 2.64	Aluminum	9.64	45.00	2.00	2.60	2.991	45

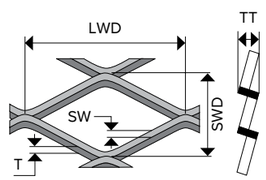


Sofia / 13.40 x 45.00 x 2.00 x 5.00 mm **SCALA: 1:1**

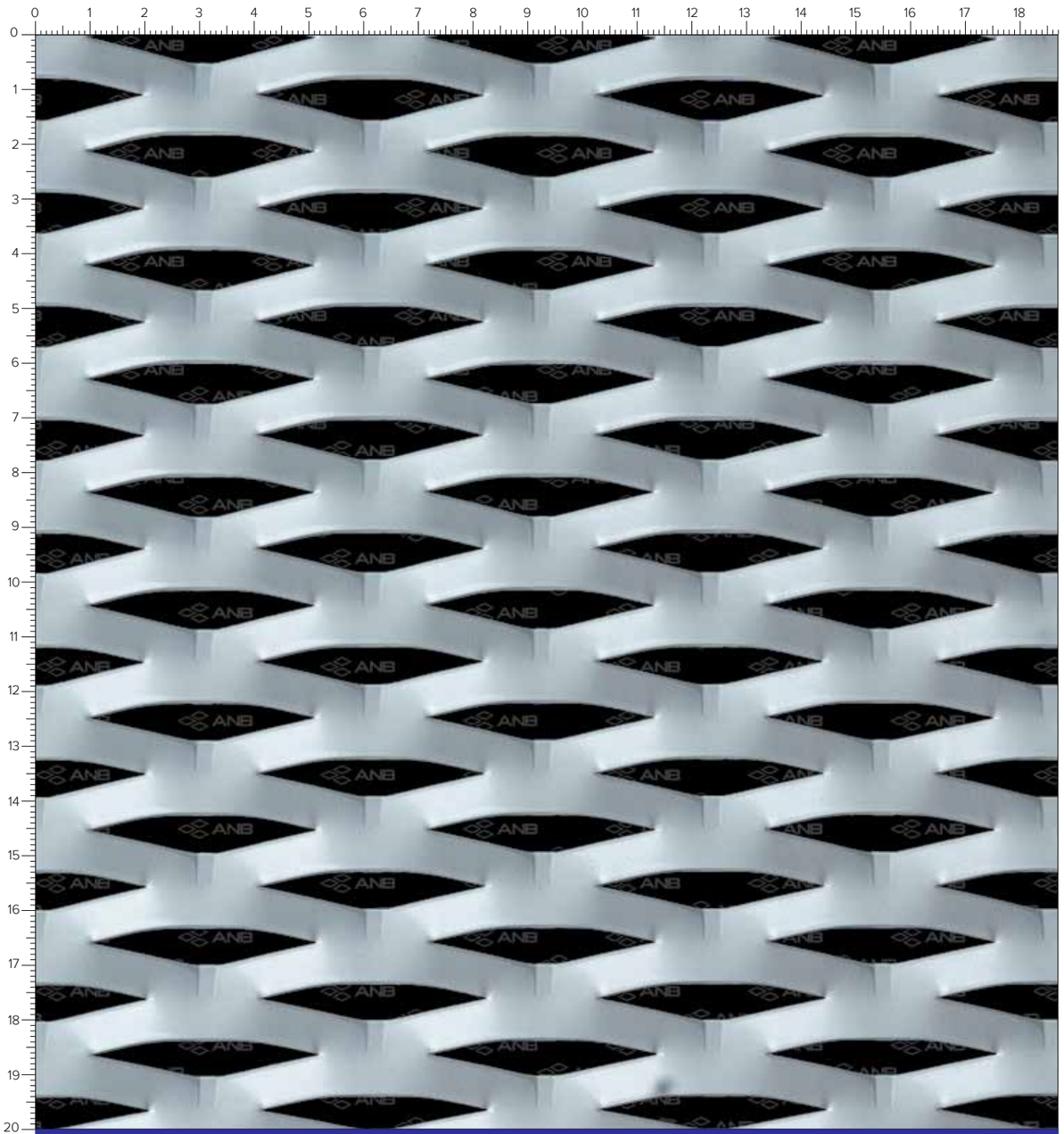
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
13.40 x 45.00 x 1.50 x 5.00	Mild Steel	13.40	45.00	1.50	5.00	8.787	25
13.40 x 45.00 x 1.50 x 5.00	Aluminum	13.40	45.00	1.50	5.00	3.056	25
13.40 x 45.00 x 2.00 x 5.00	Aluminum	13.40	45.00	2.00	5.00	4.075	25



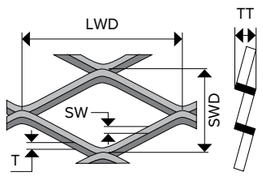
Ibiza / 13.00 x 62.00 x 2.00 x 4.00 mm **SCALA: 1:1**



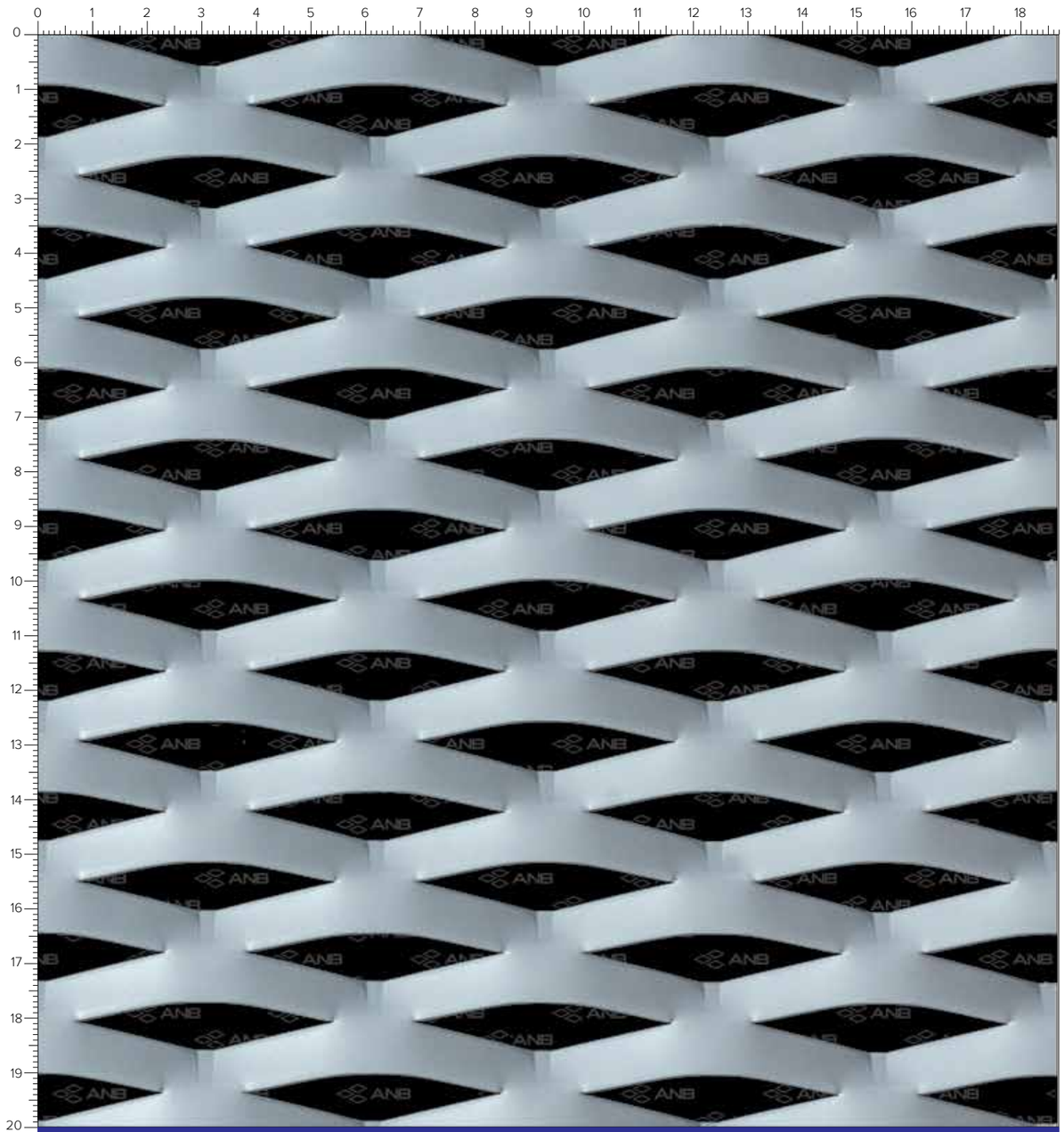
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
13.00 x 62.00 x 2.00 x 4.00	Mild Steel	13.00	62.00	2.00	4.00	9.662	38
13.00 x 62.00 x 2.00 x 4.00	Aluminum	13.00	62.00	2.00	4.00	3.360	38



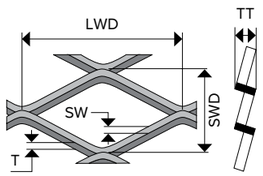
Dubai / 20.00 x 62.00 x 2.00 x 7.00 mm **SCALA: 1:1**



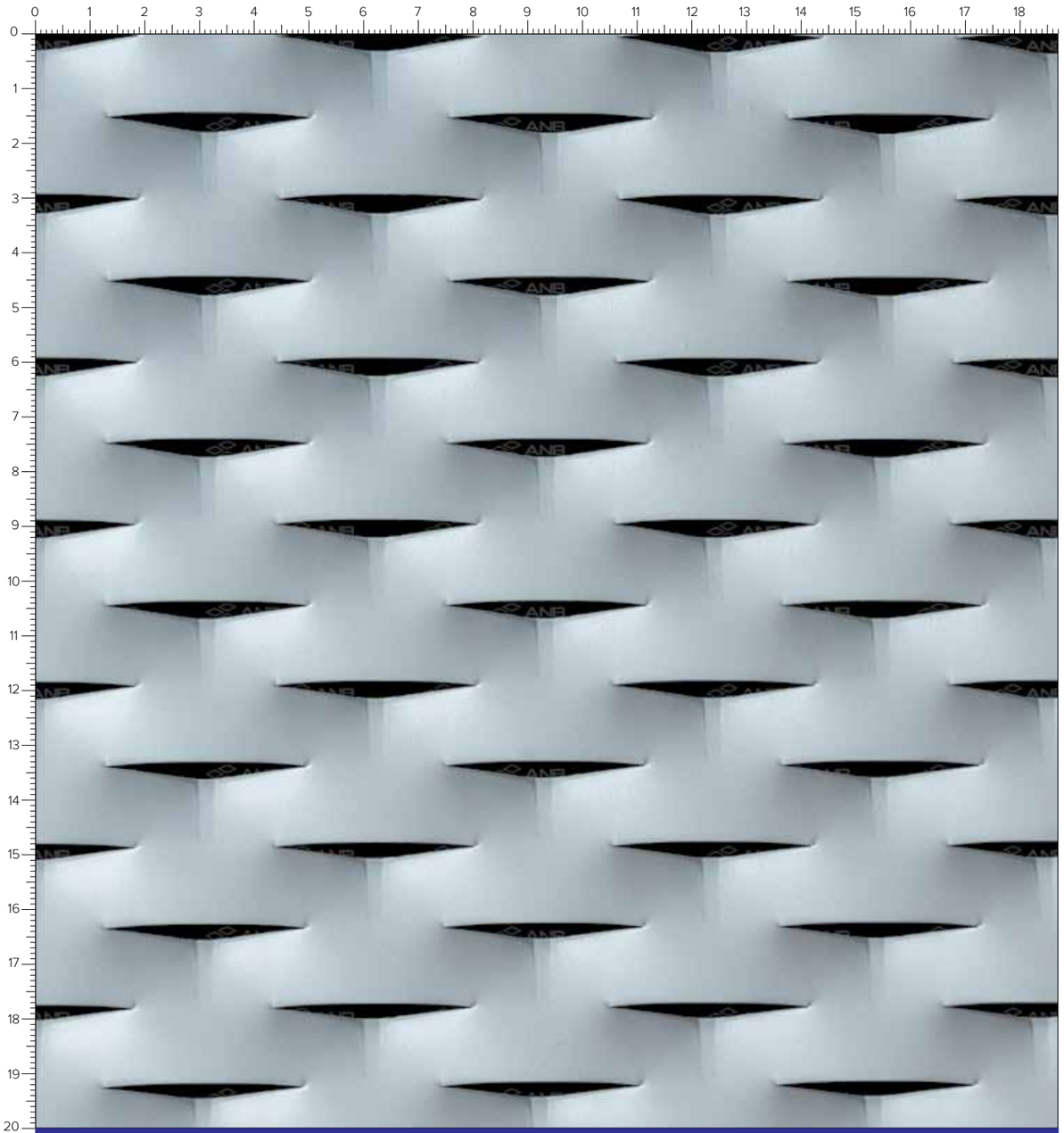
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
20.00 x 62.00 x 1.50 x 7.00	Mild Steel	20.00	62.00	1.50	7.00	3.071	25
20.00 x 62.00 x 2.00 x 7.00	Mild Steel	20.00	62.00	2.00	7.00	4.095	25
20.00 x 62.00 x 1.50 x 7.00	Aluminum	20.00	62.00	1.50	7.00	8.831	25
20.00 x 62.00 x 2.00 x 7.00	Aluminum	20.00	62.00	2.00	7.00	11.770	25



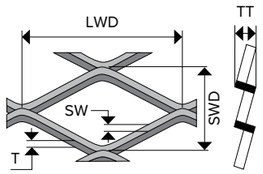
Warsaw / 25.50 x 62.00 x 2.00 x 9.00 mm **SCALA: 1:1**



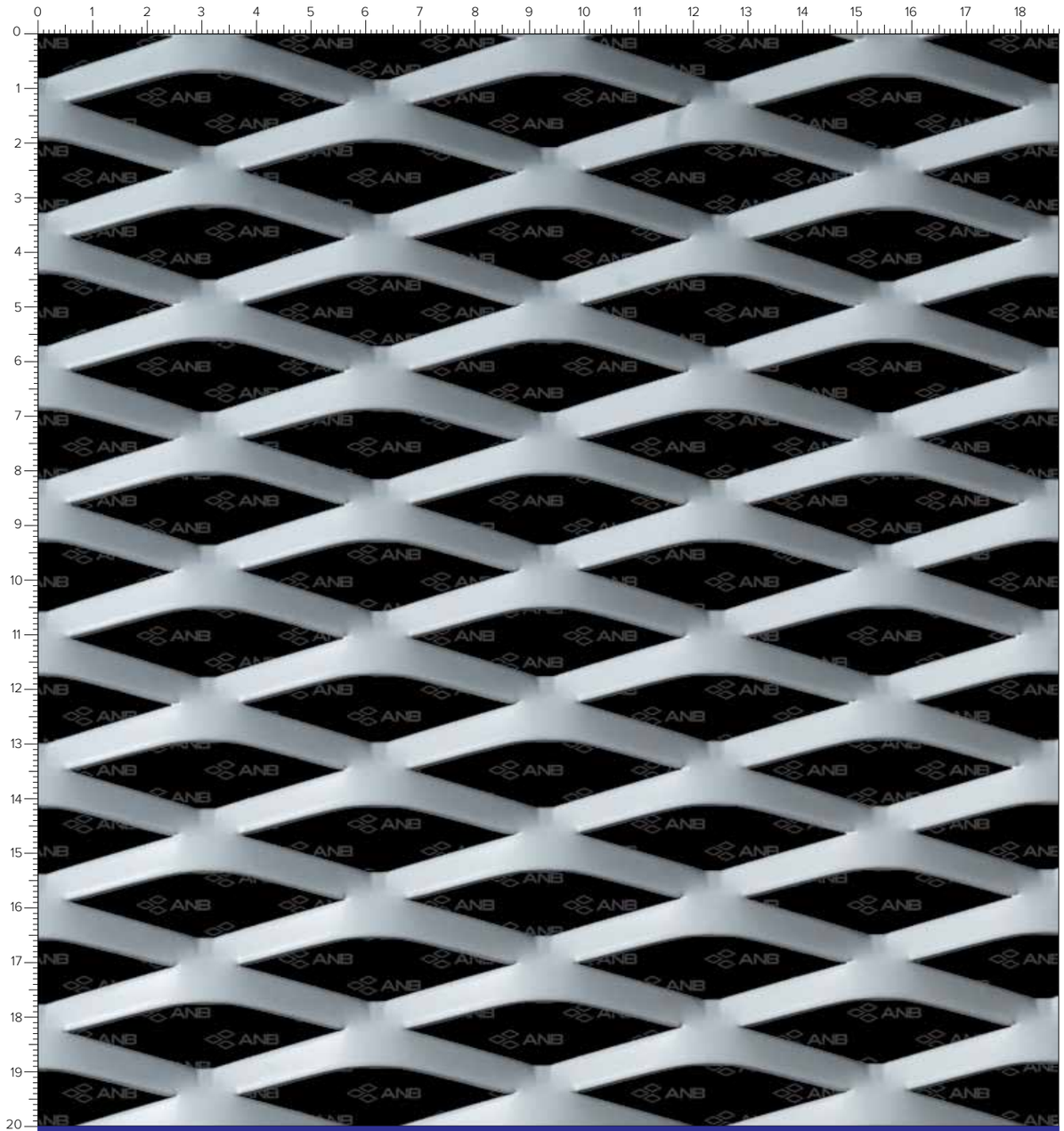
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
25.50 x 62.00 x 2.00 x 9.00	Mild Steel	25.50	62.00	1.50	9.00	8.404	28
25.50 x 62.00 x 2.00 x 9.00	Mild Steel	25.50	62.00	1.50	9.00	11.205	28
25.50 x 62.00 x 2.00 x 9.00	Aluminum	25.50	62.00	2.00	9.00	2.923	28
25.50 x 62.00 x 2.00 x 9.00	Aluminum	25.50	62.00	2.00	9.00	3.897	28



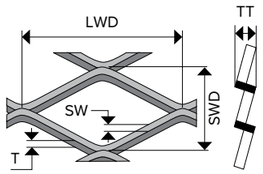
Amsterdam 62-14 / 29.00 x 62.00 x 2.00 x 14.00 mm **SCALA: 1:1**



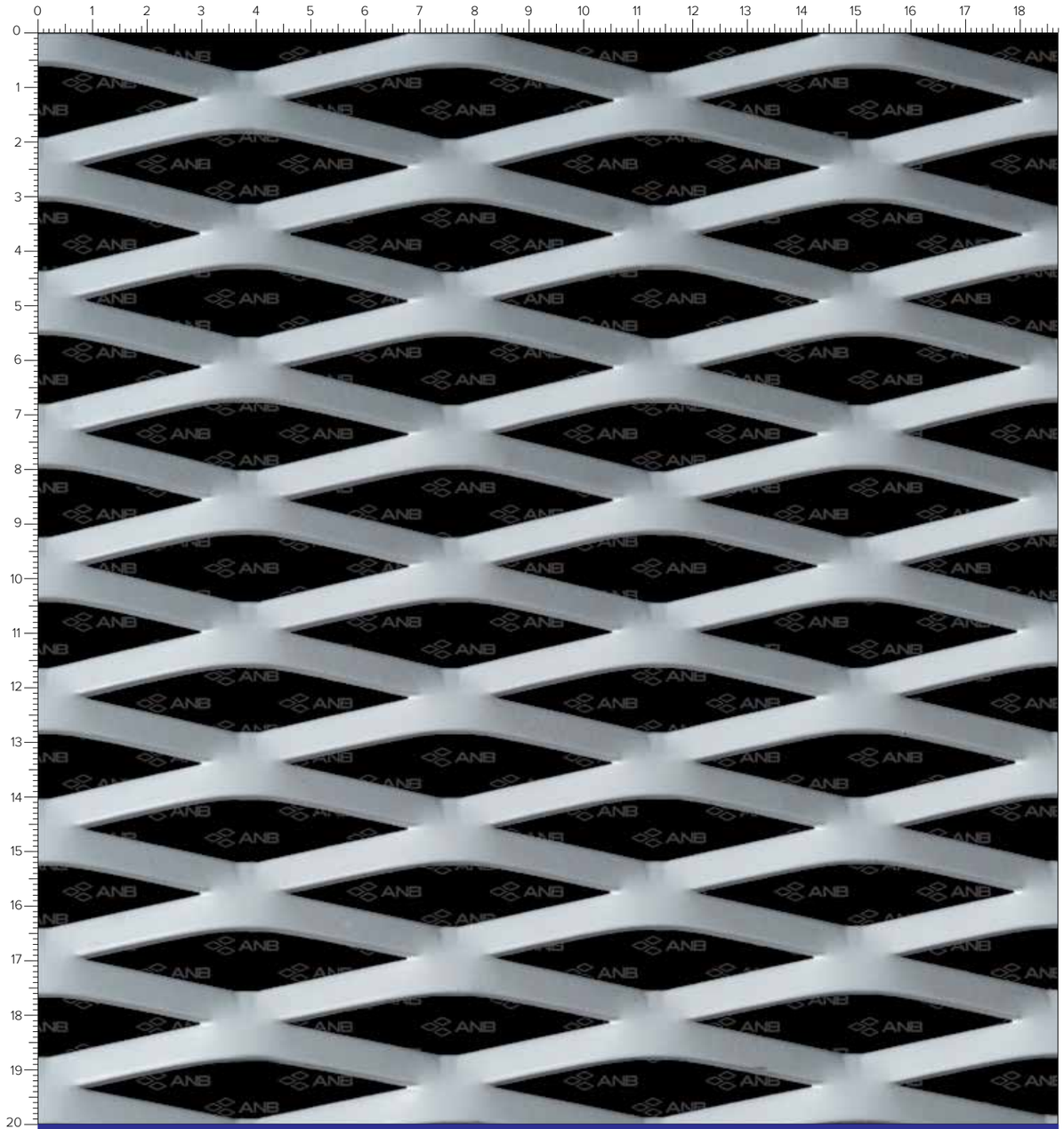
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
29.00 x 62.00 x 1.50 x 14.00	Mild Steel	29.00	62.00	1.50	14.00	11.369	5
29.00 x 62.00 x 2.00 x 14.00	Mild Steel	29.00	62.00	2.00	14.00	15.159	5
29.00 x 62.00 x 1.50 x 14.00	Aluminum	29.00	62.00	1.50	14.00	3.954	5
29.00 x 62.00 x 2.00 x 14.00	Aluminum	29.00	62.00	2.00	14.00	5.272	5



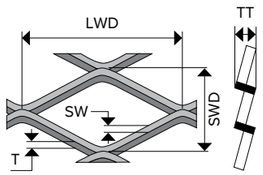
Amsterdam 62-7 / 25.00 x 62.00 x 2.00 x 7.00 mm **SCALA: 1:1**



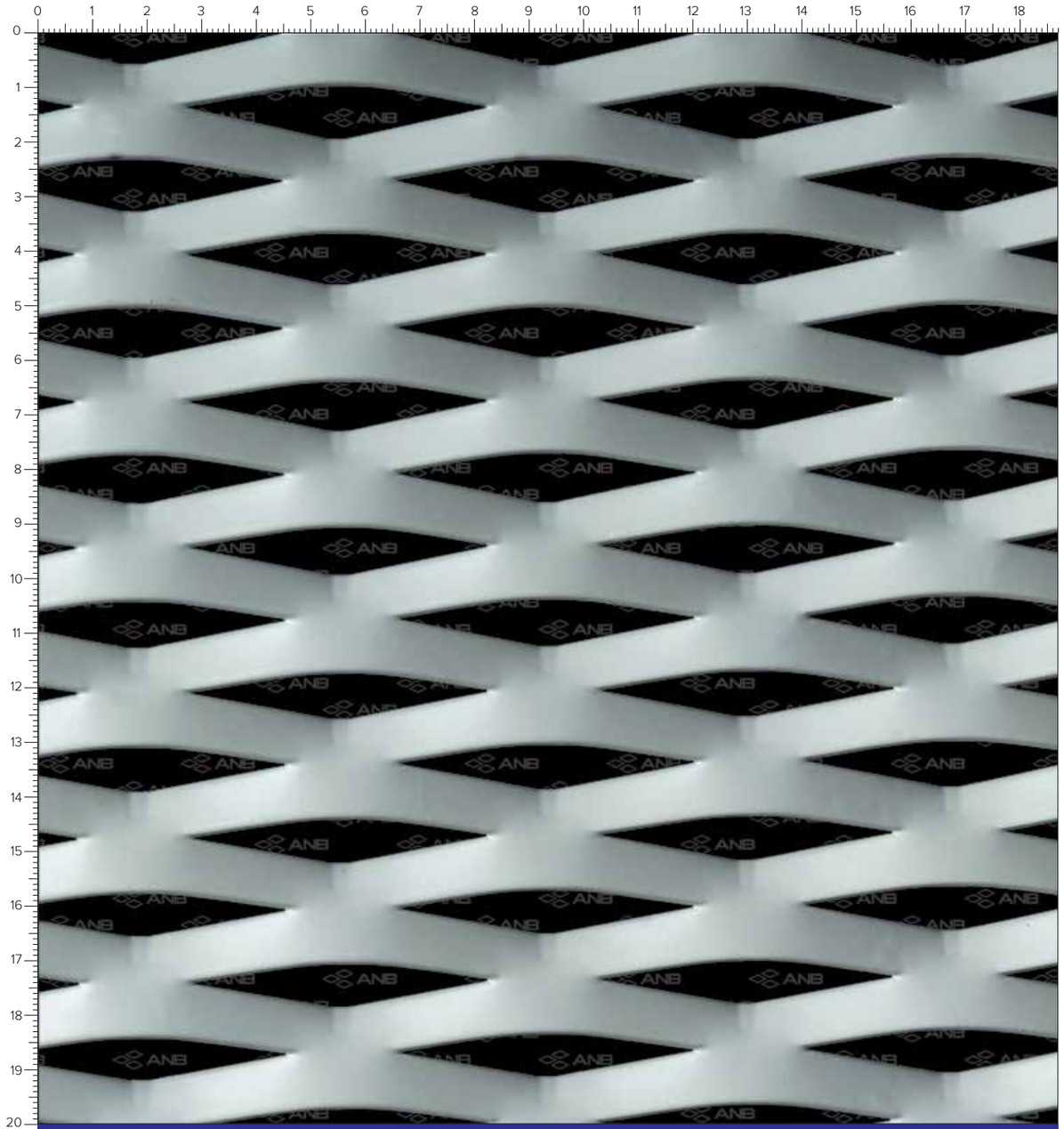
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
25.00 x 62.00 x 1.50 x 7.00	Mild Steel	25.00	62.00	1.50	7.00	6.594	44
25.00 x 62.00 x 2.00 x 7.00	Mild Steel	25.00	62.00	2.00	7.00	8.792	44
25.00 x 62.00 x 2.00 x 7.00	Aluminum	25.00	62.00	2.00	7.00	3.058	44



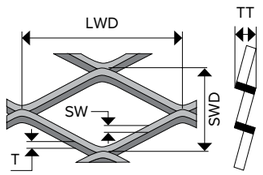
Tokyo 75/7 / 25.00 x 75.00 x 2.00 x 7.00 mm **SCALA: 1:1**



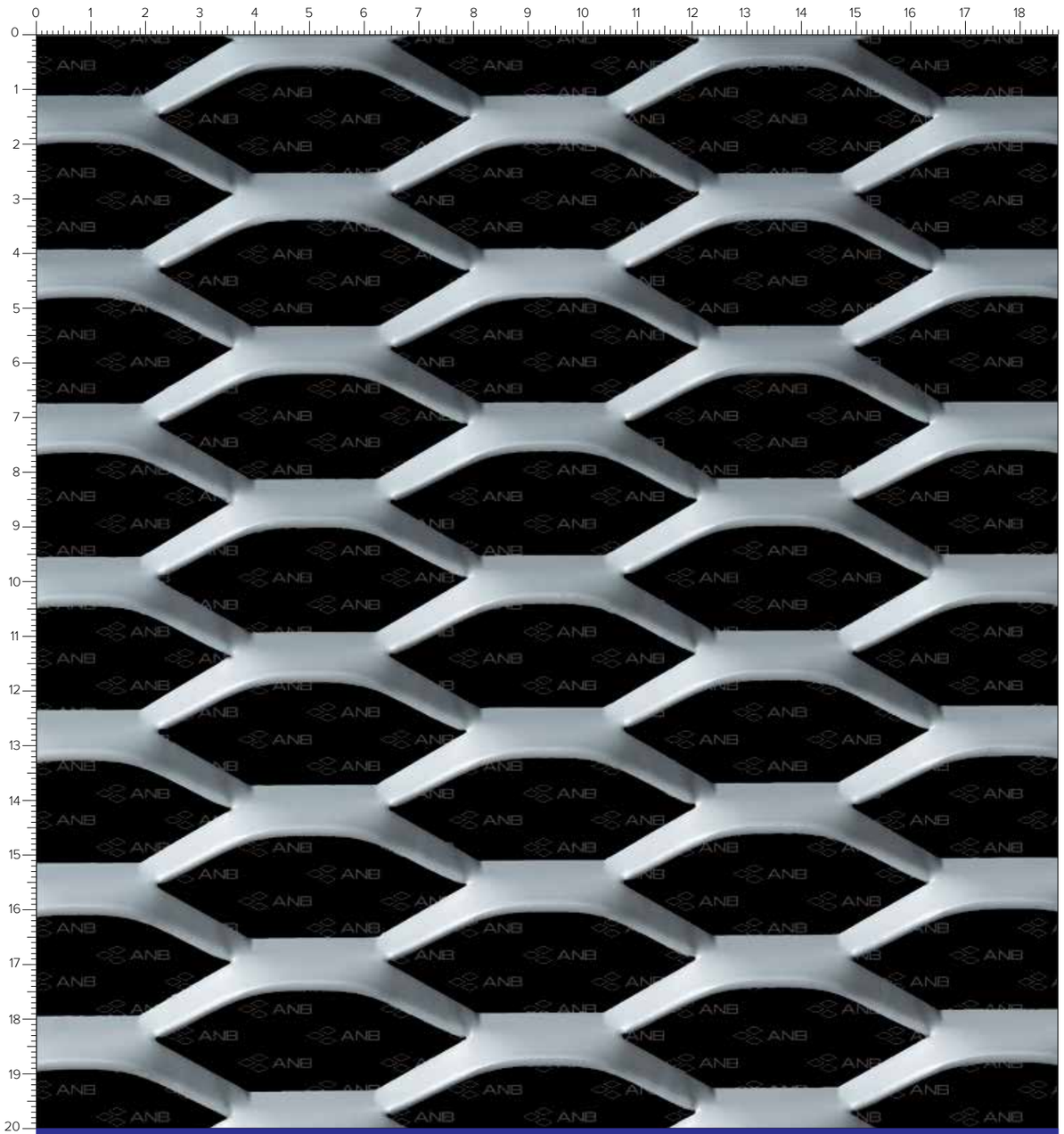
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
25.00 x 75.00 x 1.50 x 7.00	Mild Steel	25.00	75.00	1.50	7.00	6.594	44
25.00 x 75.00 x 2.00 x 7.00	Mild Steel	25.00	75.00	2.00	7.00	8.792	44
25.00 x 75.00 x 2.00 x 7.00	Aluminum	25.00	75.00	2.00	7.00	3.058	44



Tokyo 75-10 / 25.00 x 75.00 x 2.00 x 10.00 mm **SCALA: 1:1**

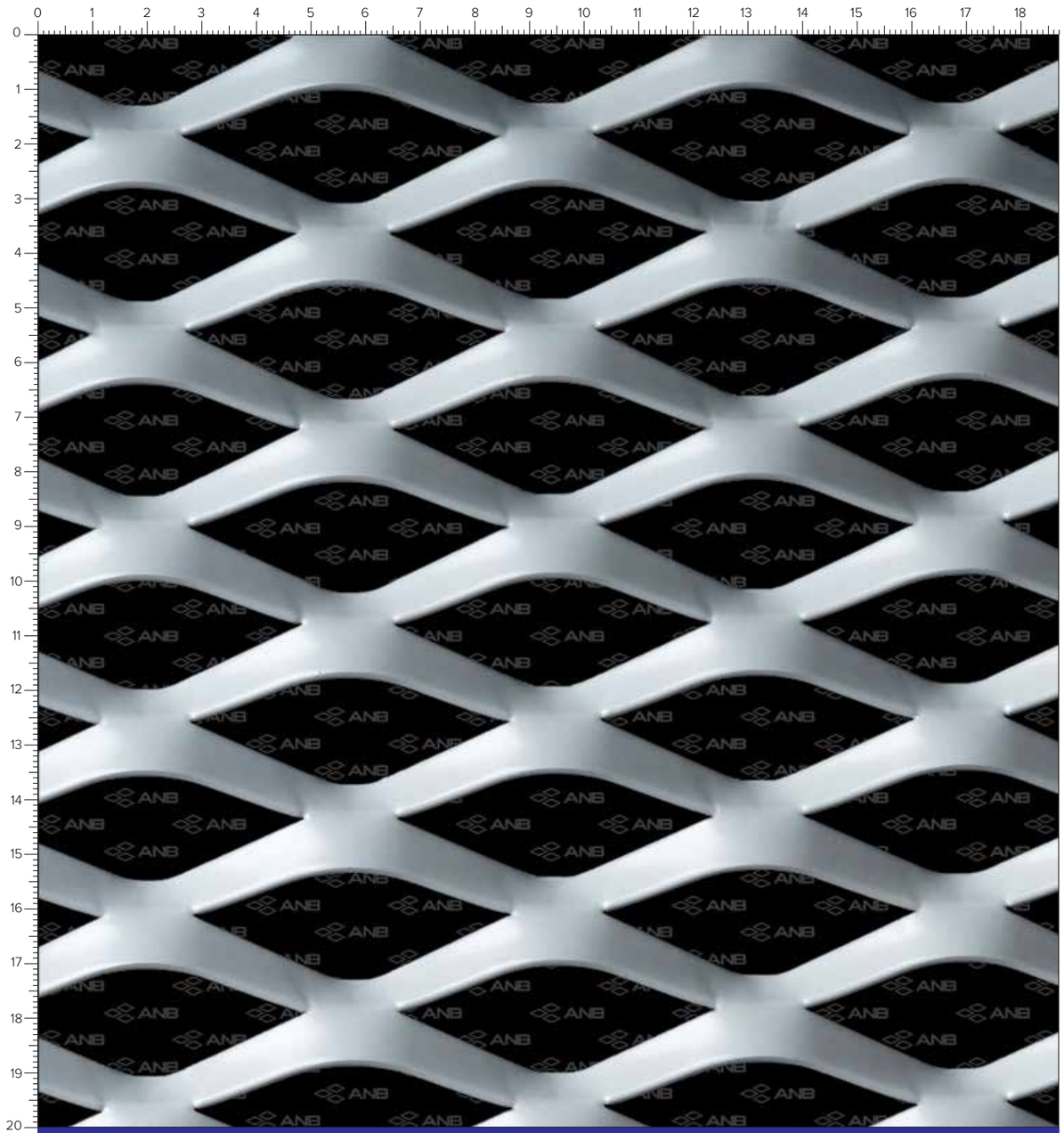


Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
25.00 x 75.00 x 1.50 x 10.00	Mild Steel	25.00	75.00	1.50	10.00	9.420	22
25.00 x 75.00 x 2.00 x 10.00	Mild Steel	25.00	75.00	2.00	10.00	12.460	22
25.00 x 75.00 x 1.50 x 10.00	Aluminum	25.00	75.00	1.50	10.00	3.276	22
25.00 x 75.00 x 2.00 x 10.00	Aluminum	25.00	75.00	2.00	10.00	4.368	22



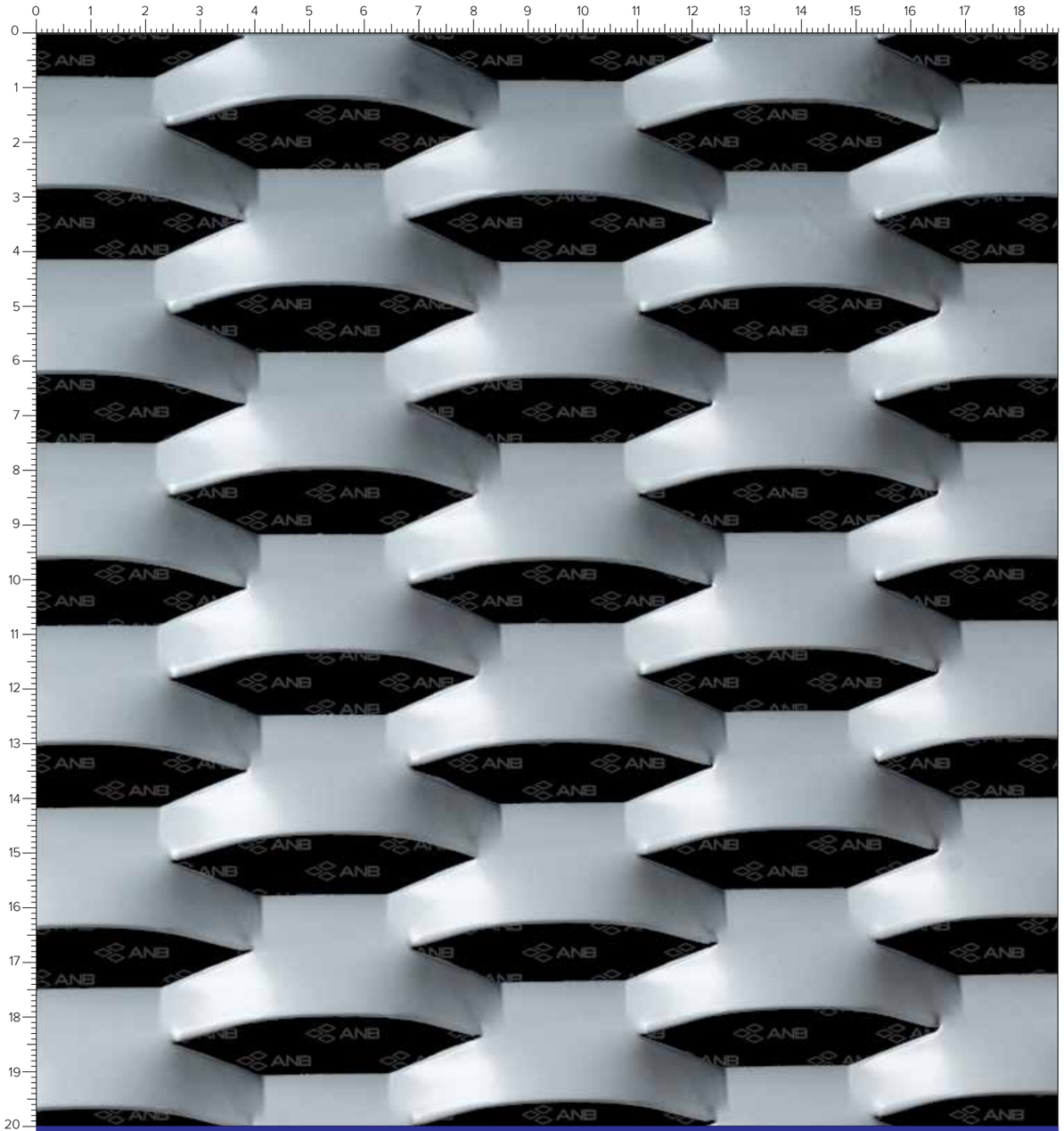
Beijing 85-7 / 28.00 x 85.00 x 2.00 x 7.00 mm **SCALA: 1:1**

Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
28.00 x 85.00 x 1.50 x 7.00	Mild Steel	28.00	85.00	1.50	7.00	5.888	50
28.00 x 85.00 x 2.00 x 7.00	Mild Steel	28.00	85.00	2.00	7.00	7.850	50
28.00 x 85.00 x 2.00 x 7.00	Aluminum	28.00	85.00	2.00	7.00	2.730	50

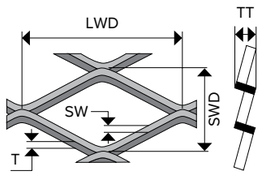


Sydney 75-10 / 35.00 x 75.00 x 2.00 x 10.00 mm **SCALA: 1:1**

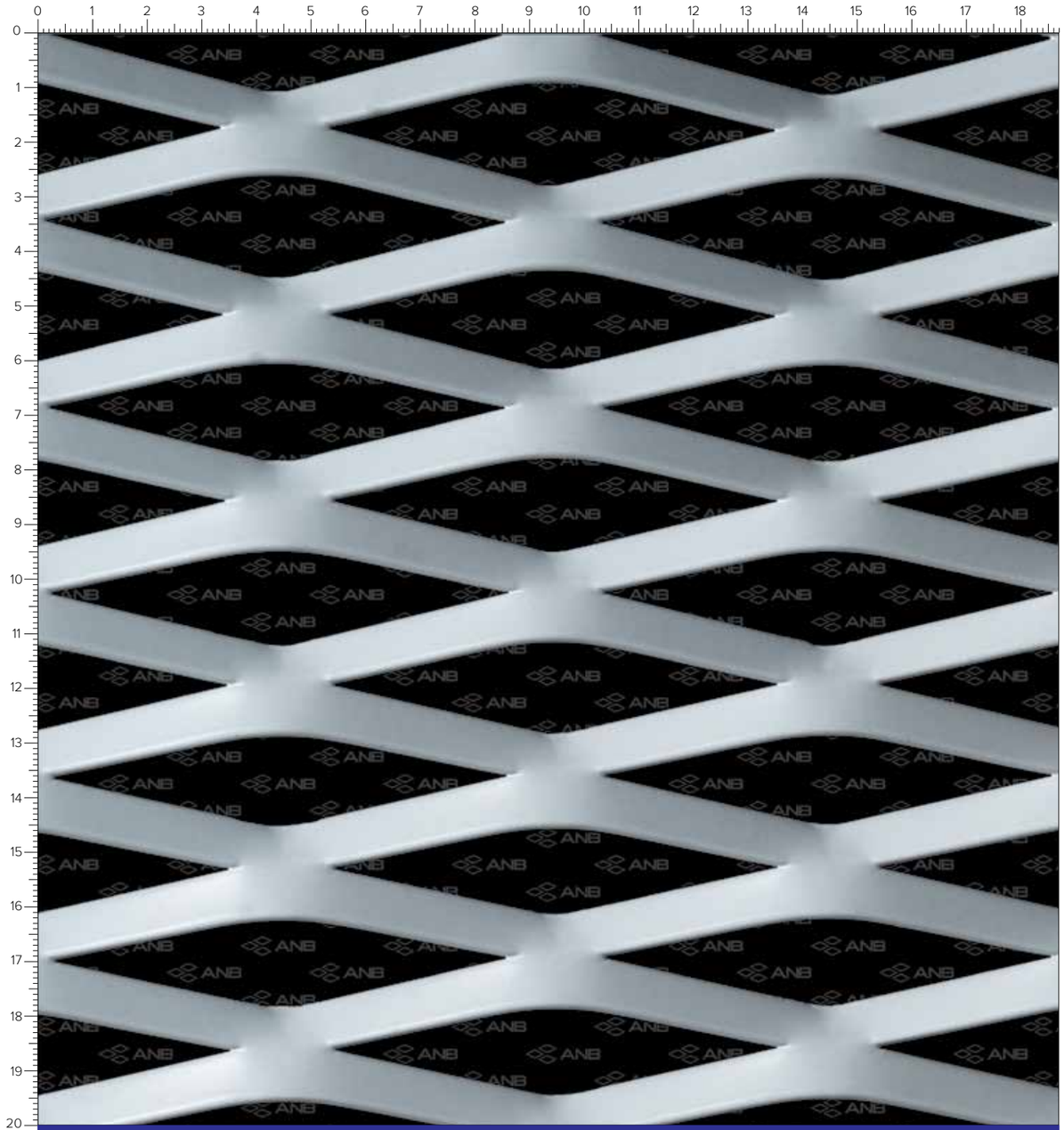
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
35.00 x 75.00 x 1.50 x 10.00	Mild Steel	28.00	75.00	1.50	10.00	6.729	42
35.00 x 75.00 x 2.00 x 10.00	Mild Steel	28.00	75.00	2.00	10.00	8.971	42
35.00 x75.00 x 2.00 x 10.00	Aluminum	28.00	75.00	2.00	10.00	3.120	42



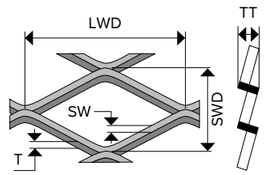
Beijing 85-12 / 32.00 x 85.00 x 2.00 x 12.00 mm **SCALA: 1:1**



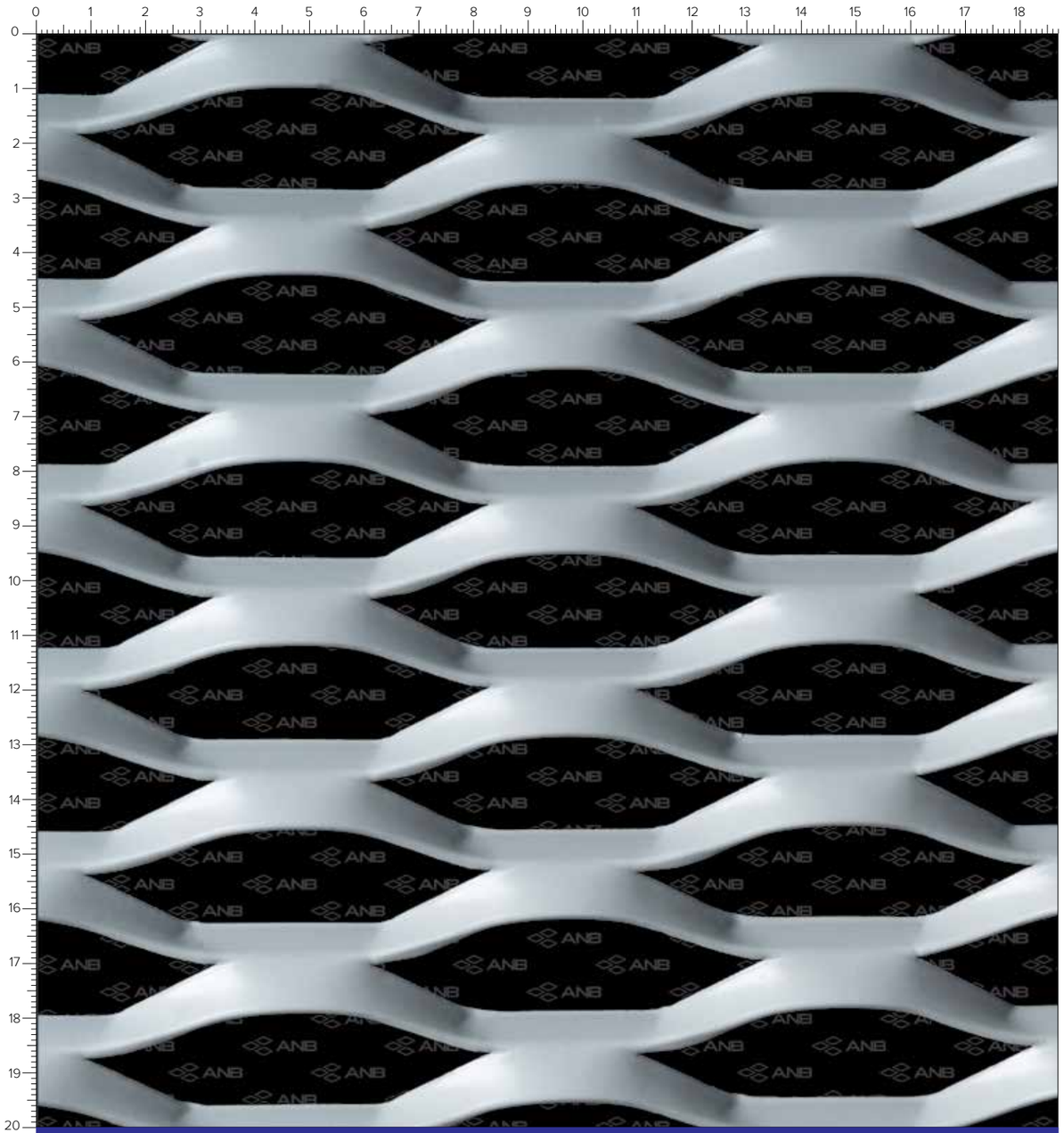
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
32.00 x 85.00 x 1.50 x 12.00	Mild Steel	32.00	85.00	1.50	12.00	8.831	25
32.00 x 85.00 x 2.00 x 12.00	Mild Steel	32.00	85.00	2.00	12.00	11.775	25
32.00 x 85.00 x 2.00 x 12.00	Aluminum	32.00	85.00	2.00	12.00	4.095	25



Rome 100-10 / 33.00 x 100.00 x 2.00 x 10.00 mm **SCALA: 1:1**

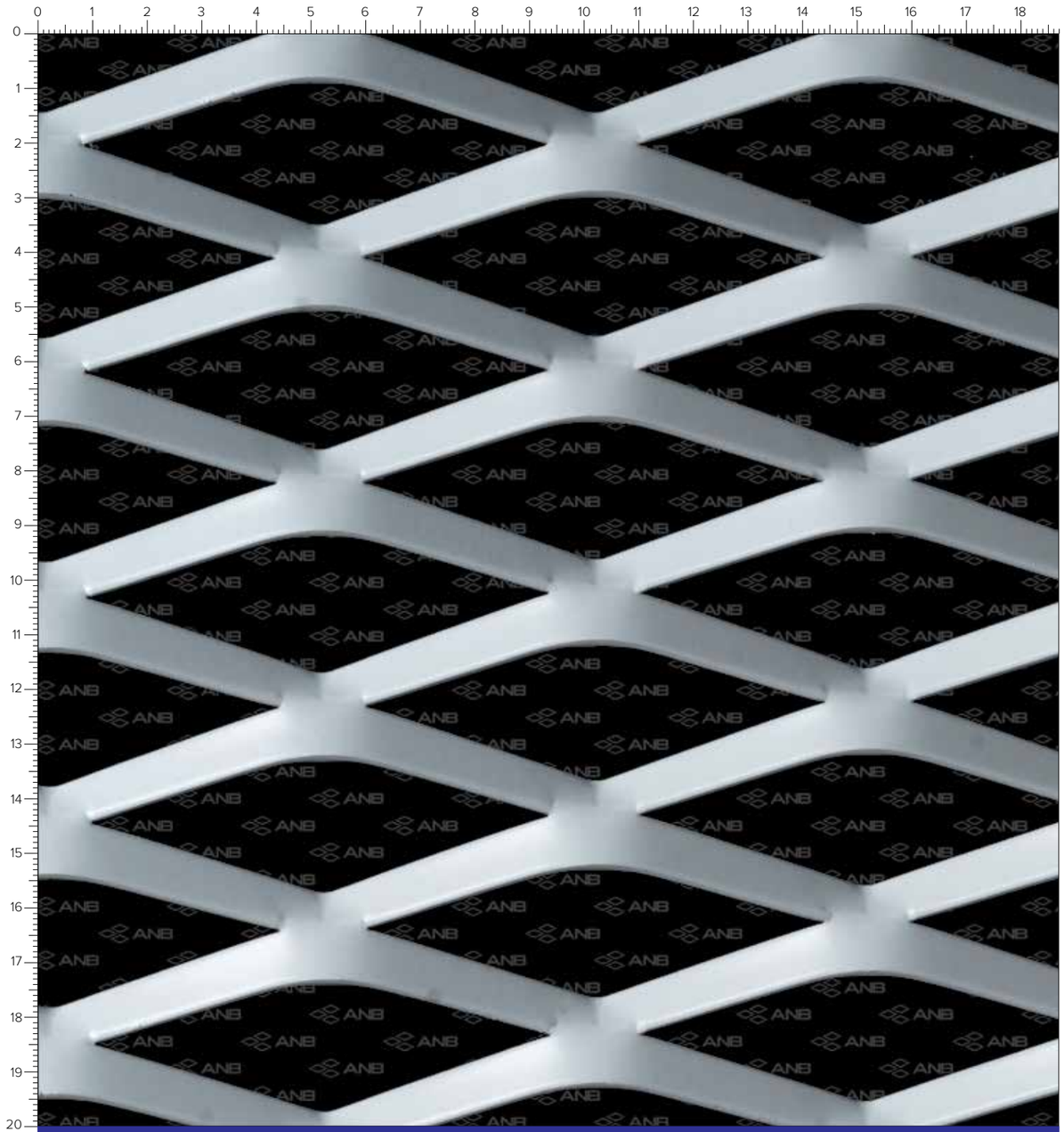


Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
33.00 x 100.00 x 1.50 x 10.00	Mild Steel	33.00	100.00	1.50	10.00	7.136	39
33.00 x 100.00 x 2.00 x 10.00	Mild Steel	33.00	100.00	2.00	10.00	9.515	39
33.00 x 100.00 x 2.00 x 10.00	Aluminum	33.00	100.00	2.00	10.00	3.309	39



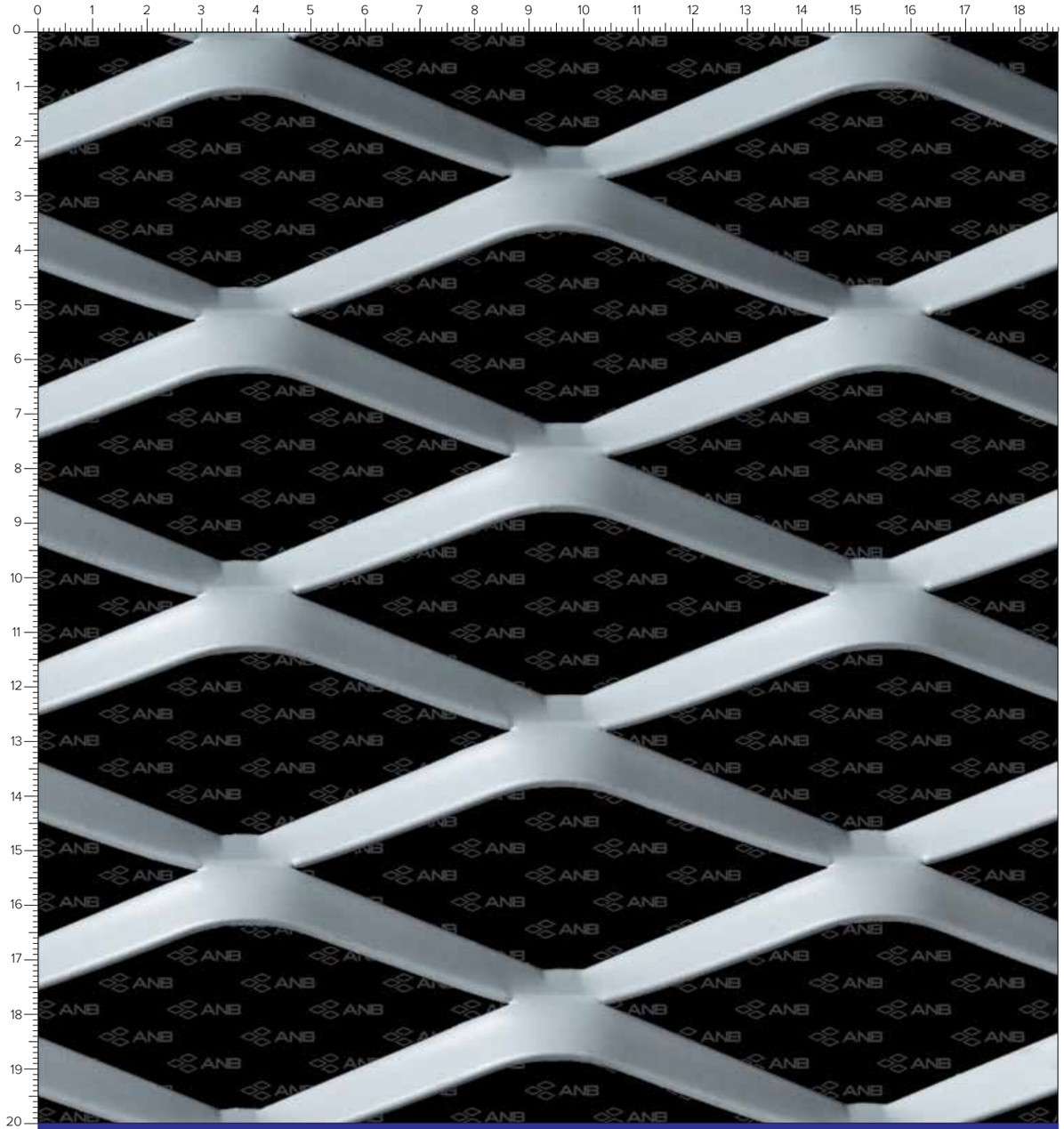
Boston / 34.00 x 100.00 x 2.00 x 10.00 mm **SCALA: 1:1**

Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
34.00 x 100.00 x 1.50 x 10.00	Mild Steel	34.00	100.00	1.50	10.00	6,929	41
34.00 x 100.00 x 2.00 x 10.00	Mild Steel	34.00	100.00	2.00	10.00	9.235	41
34.00 x 100.00 x 2.00 x 10.00	Aluminum	34.00	100.00	2.00	10.00	3.212	41

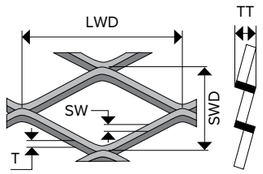


Miami / 40.00 x 100.00 x 1.50 x 10.00 mm **SCALA: 1:1**

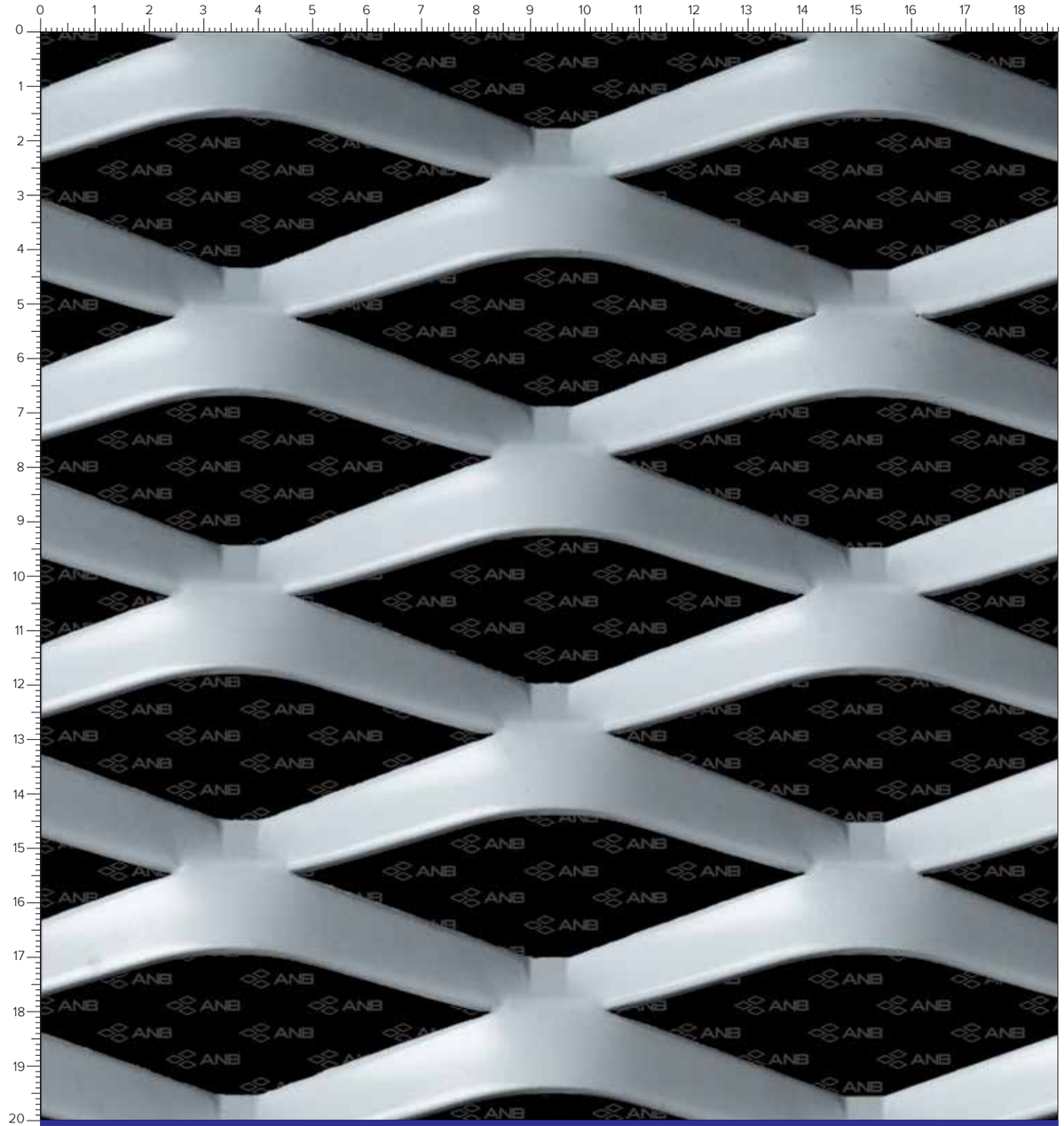
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
40.00 x 100.00 x 1.50 x 10.00	Mild Steel	40.00	100.00	1.50	10.00	5.888	50
40.00 x 100.00 x 2.00 x 10.00	Mild Steel	40.00	100.00	2.00	10.00	7.850	50
40.00 x 100.00 x 2.00 x 10.00	Aluminum	40.00	100.00	2.00	10.00	2.730	50



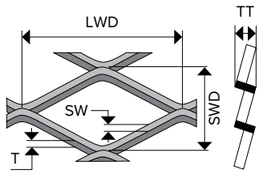
New York 115-10 / 50.00 x 115.00 x 2.00 x 10.00 mm **SCALA: 1:1**



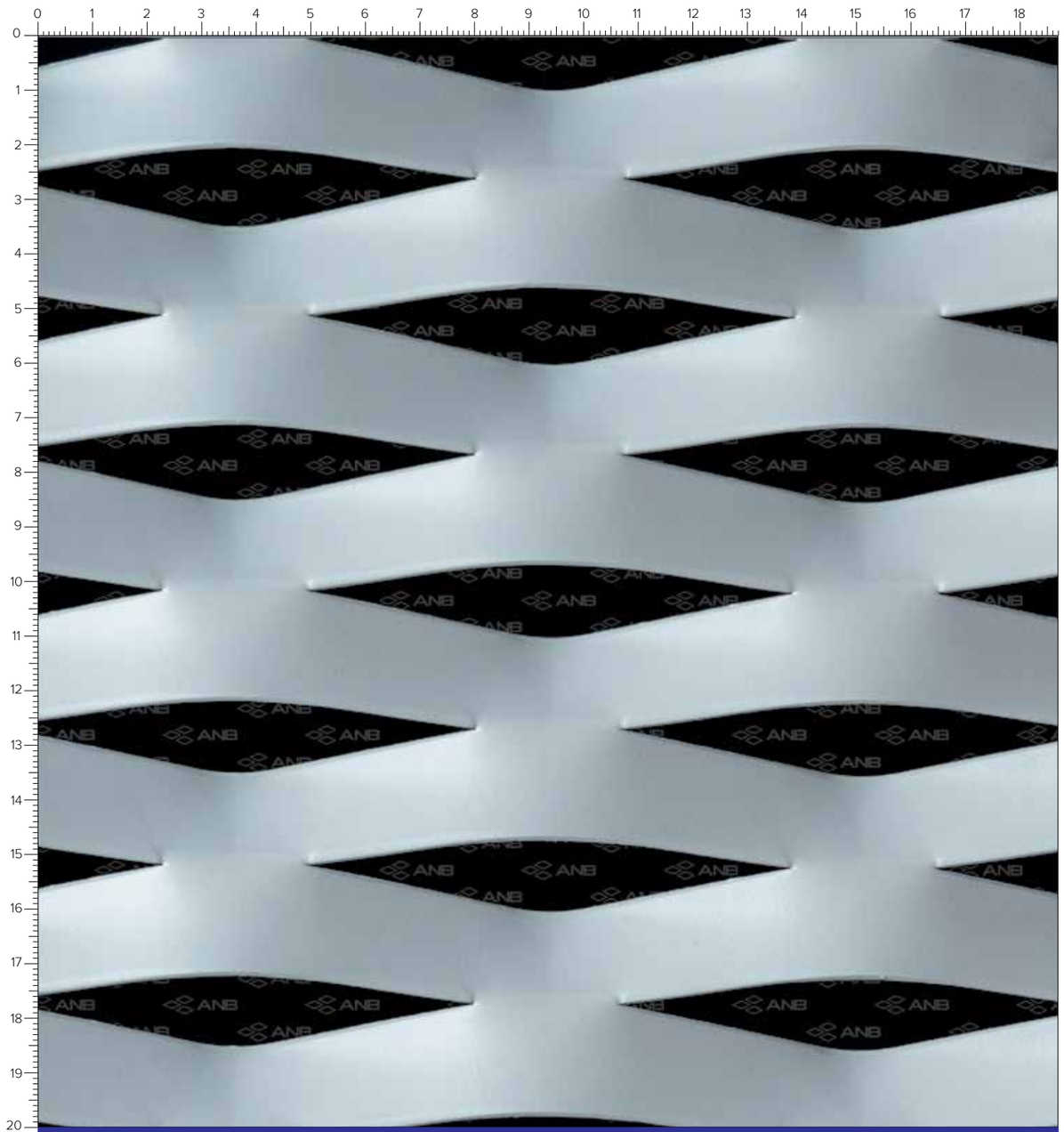
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
50.00 x 115.00 x 1.50 x 10.00	Mild Steel	50.00	115.00	1.50	10.00	4.710	60
50.00 x 115.00 x 2.00 x 10.00	Mild Steel	50.00	115.00	2.00	10.00	6.280	60
50.00 x 115.00 x 2.00 x 10.00	Aluminum	50.00	115.00	2.00	10.00	2.184	60
50.00 x 115.00 x 3.00 x 10.00	Aluminum	50.00	115.00	3.00	10.00	3.276	60



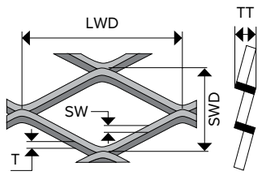
New York 115-15 / 50.00 x 115.00 x 2.00 x 15.00 mm **SCALA: 1:1**



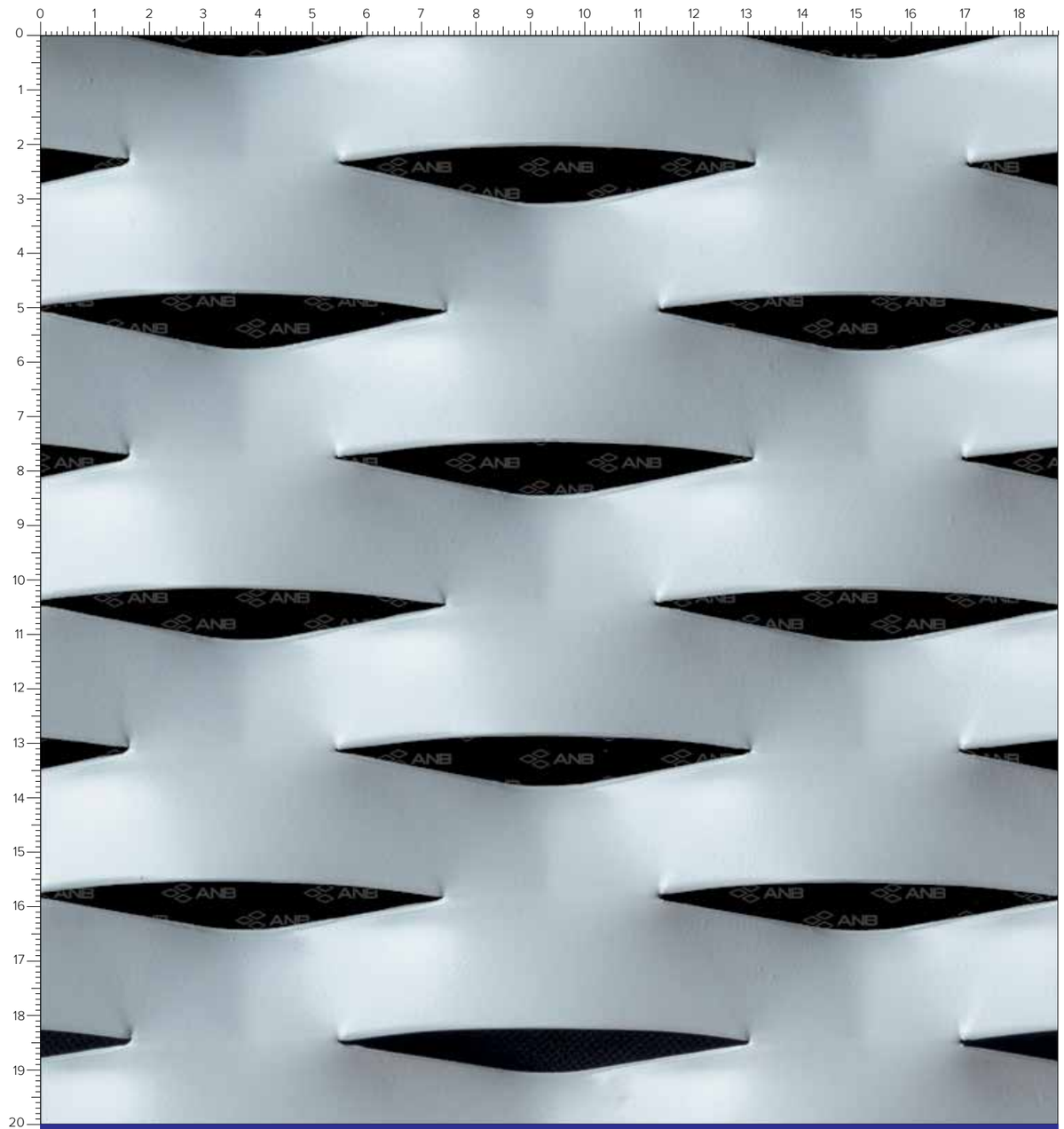
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
50.00 x 115.00 x 1.50 x 15.00	Mild Steel	50.00	115.00	1.50	15.00	7.065	40
50.00 x 115.00 x 2.00 x 15.00	Mild Steel	50.00	115.00	2.00	15.00	9.420	40
50.00 x 115.00 x 2.00 x 15.00	Aluminum	50.00	115.00	2.00	15.00	3.276	40



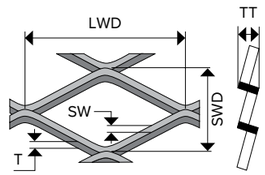
New York 115-20 / 50.00 x 115.00 x 2.00 x 20.00 mm **SCALA: 1:1**



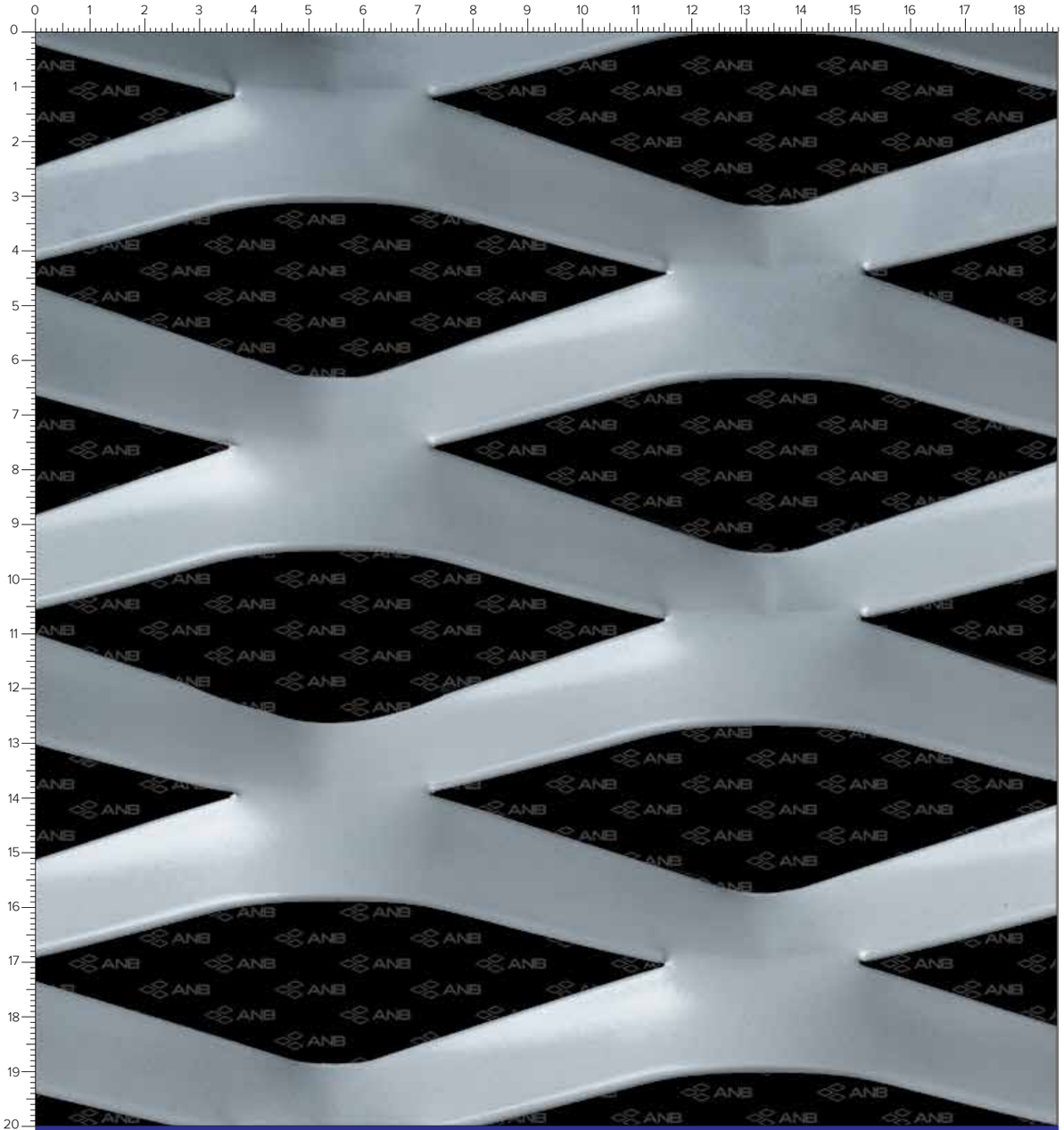
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
50.00 x 115.00 x 1.50 x 20.00	Mild Steel	50.00	115.00	1.50	20.00	9.420	20
50.00 x 115.00 x 2.00 x 20.00	Mild Steel	50.00	115.00	2.00	20.00	12.560	20
50.00 x 115.00 x 1.50 x 20.00	Aluminum	50.00	115.00	1.50	20.00	3.276	20
50.00 x 115.00 x 2.00 x 20.00	Aluminum	50.00	115.00	2.00	20.00	4.368	20



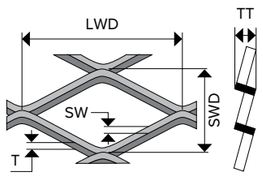
Cyprus / 52.00 x 115.00 x 2.00 x 24.00 mm **SCALA: 1:1**



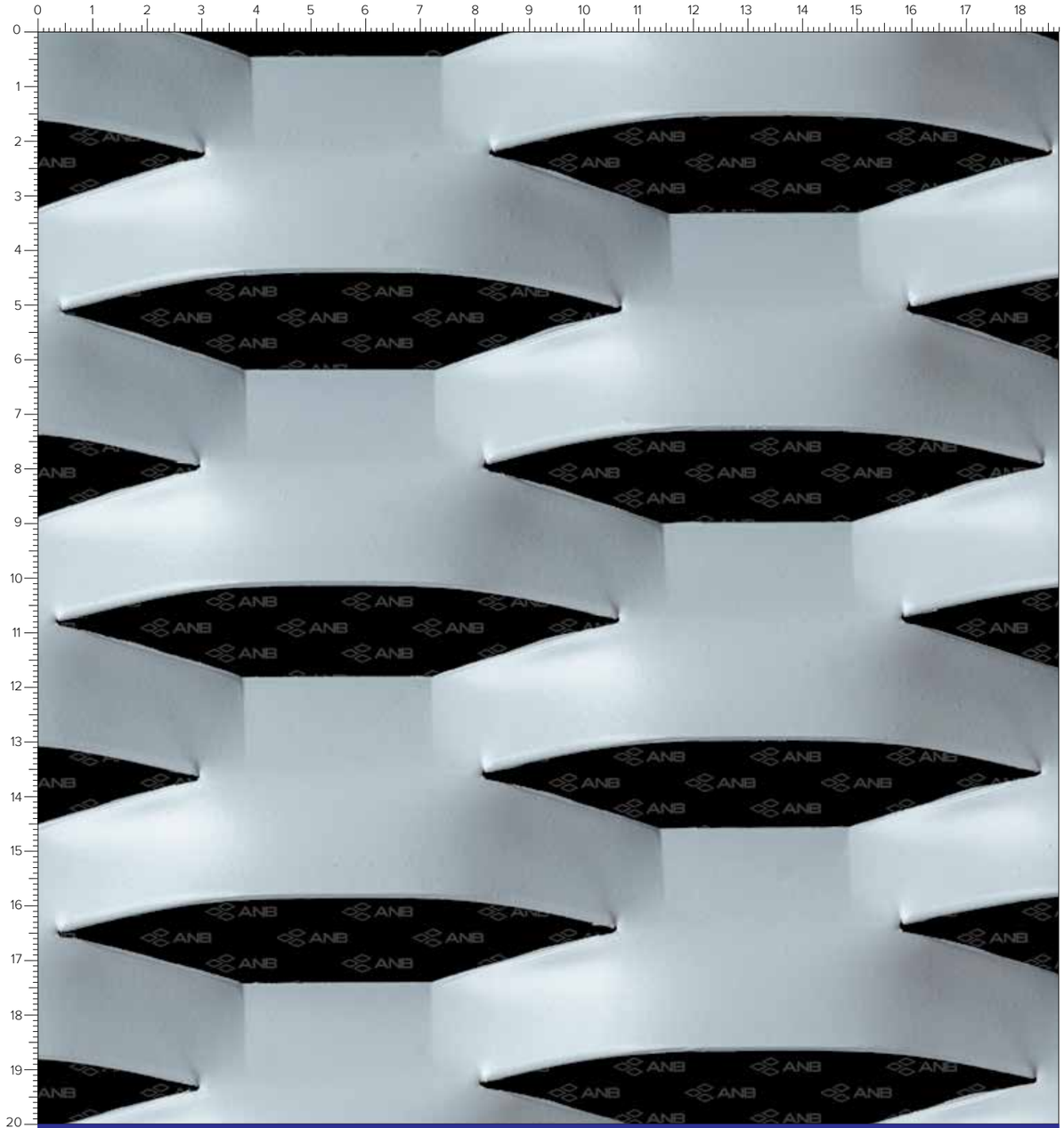
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
52.00 x 115.00 x 1.50 x 24.00	Aluminum	52.00	115.00	1.50	24.00	10.869	8
52.00 x 115.00 x 2.00 x 24.00	Aluminum	52.00	115.00	2.00	24.00	14.492	8



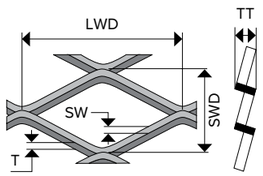
London 160 / 60.00 x 160.00 x 2.00 x 20.00 mm **SCALA: 1:1**



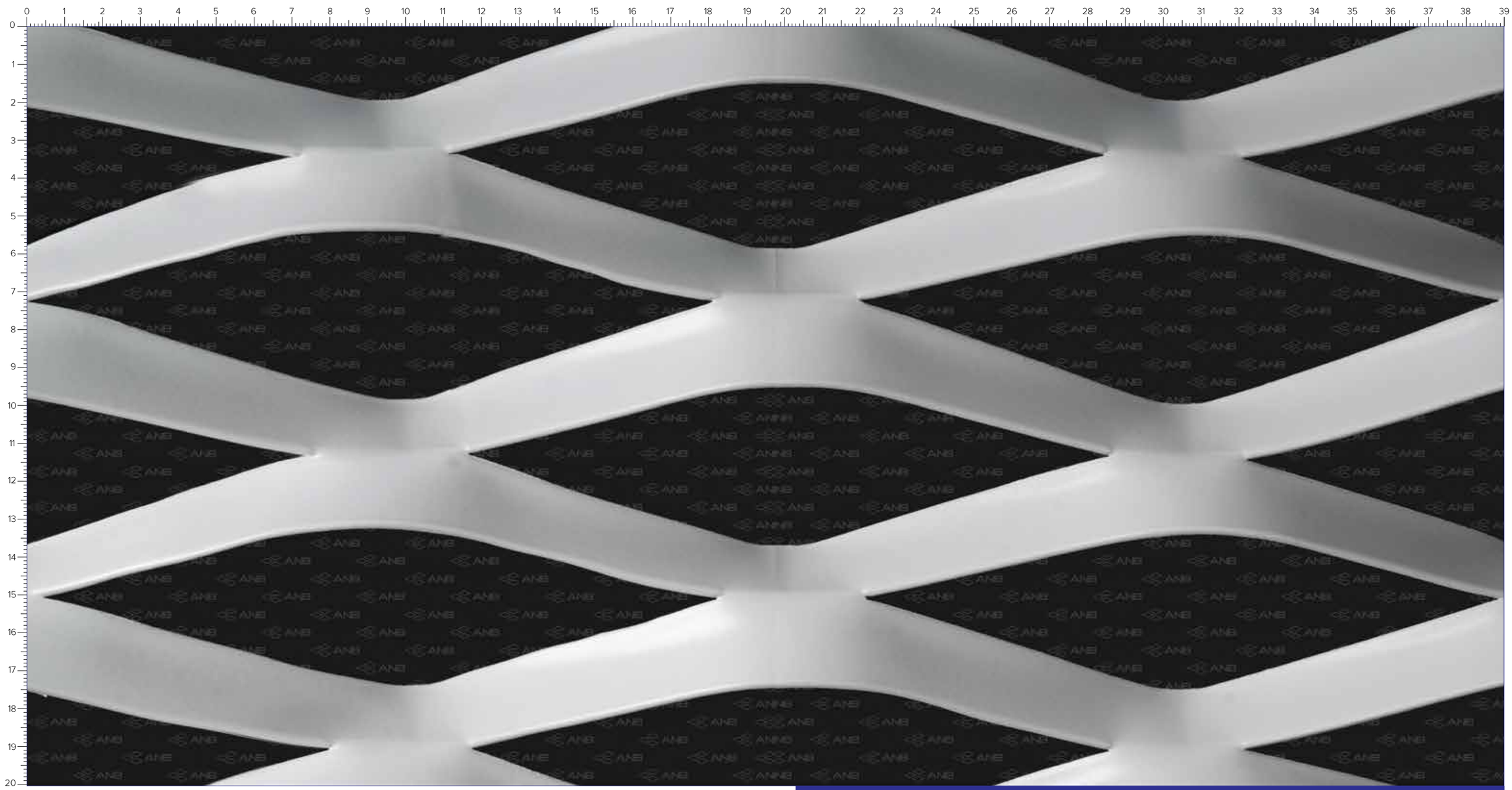
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
60.00 x 160.00 x 1.50 x 20.00	Mild Steel	60.00	160.00	1.50	20.00	7.850	33
60.00 x 160.00 x 2.00 x 20.00	Mild Steel	60.00	160.00	2.00	20.00	10.467	33
60.00 x 160.00 x 2.00 x 20.00	Aluminum	60.00	160.00	2.00	20.00	3.640	33
60.00 x 160.00 x 3.00 x 20.00	Aluminum	60.00	160.00	3.00	20.00	5.460	33



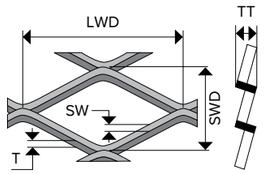
Montreal / 54.00 x 160.00 x 1.50 x 21.00 mm **SCALA: 1:1**



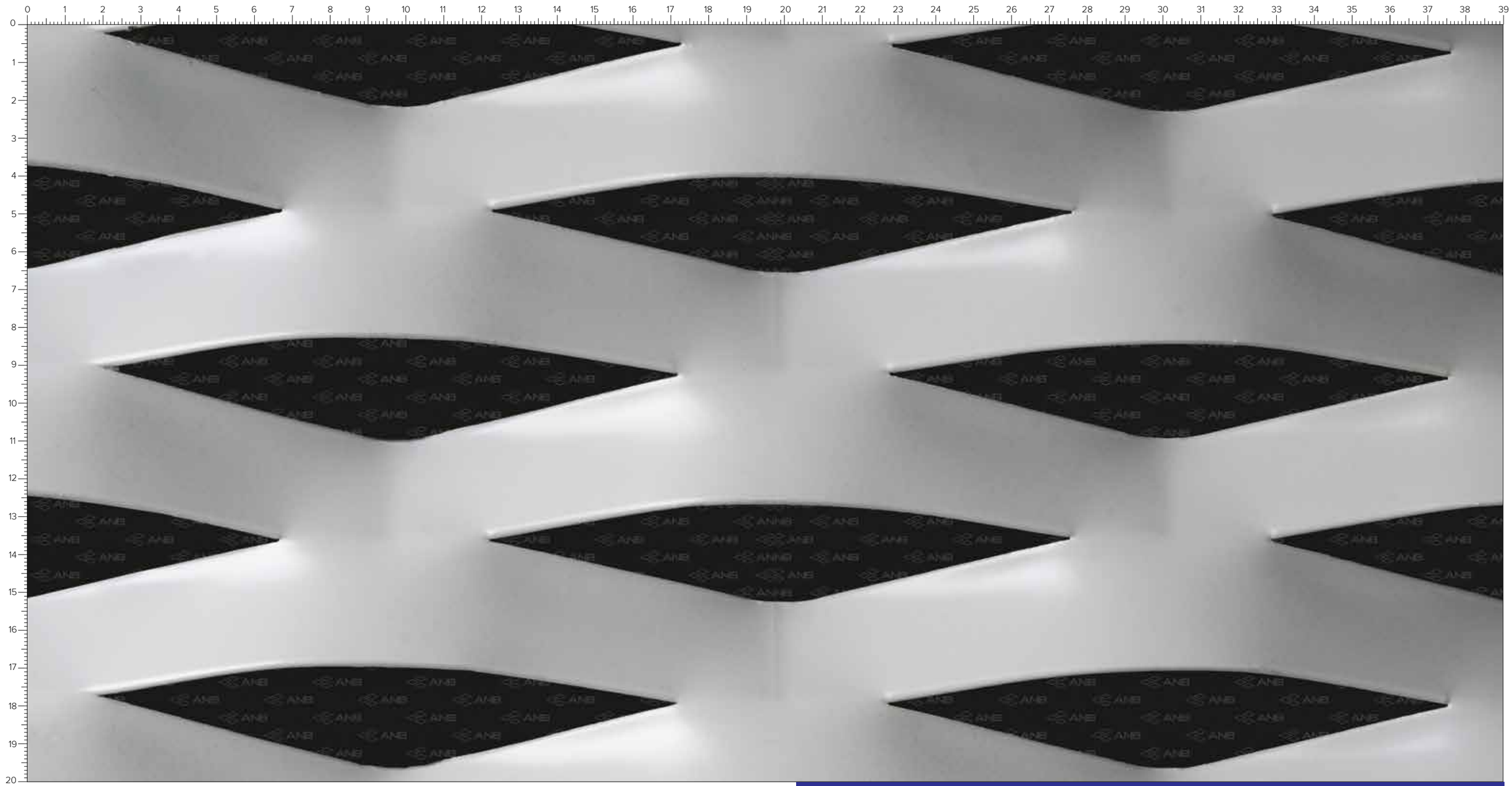
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
54.00 x 160.00 x 1.50 x 21.00	Mild Steel	54.00	160.00	1.50	21.00	9.158	25
54.00 x 160.00 x 1.50 x 21.00	Mild Steel	54.00	160.00	1.50	21.00	3.033	25
54.00 x 160.00 x 2.00 x 21.00	Aluminum	54.00	160.00	2.00	21.00	4.044	25



Kyiv 200-25 / 78.00 x 200.00 x 2.00 x 25.00 mm **SCALA: 1:1**

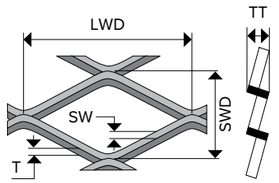


Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
78.00 x 200.00 x 1.50 x 25.00	Mild Steel	78.00	200.00	1.50	25.00	6.038	48
78.00 x 200.00 x 2.00 x 25.00	Aluminum	78.00	200.00	2.00	25.00	2.800	48
78.00 x 200.00 x 3.00 x 25.00	Aluminum	78.00	200.00	3.00	25.00	4.200	48

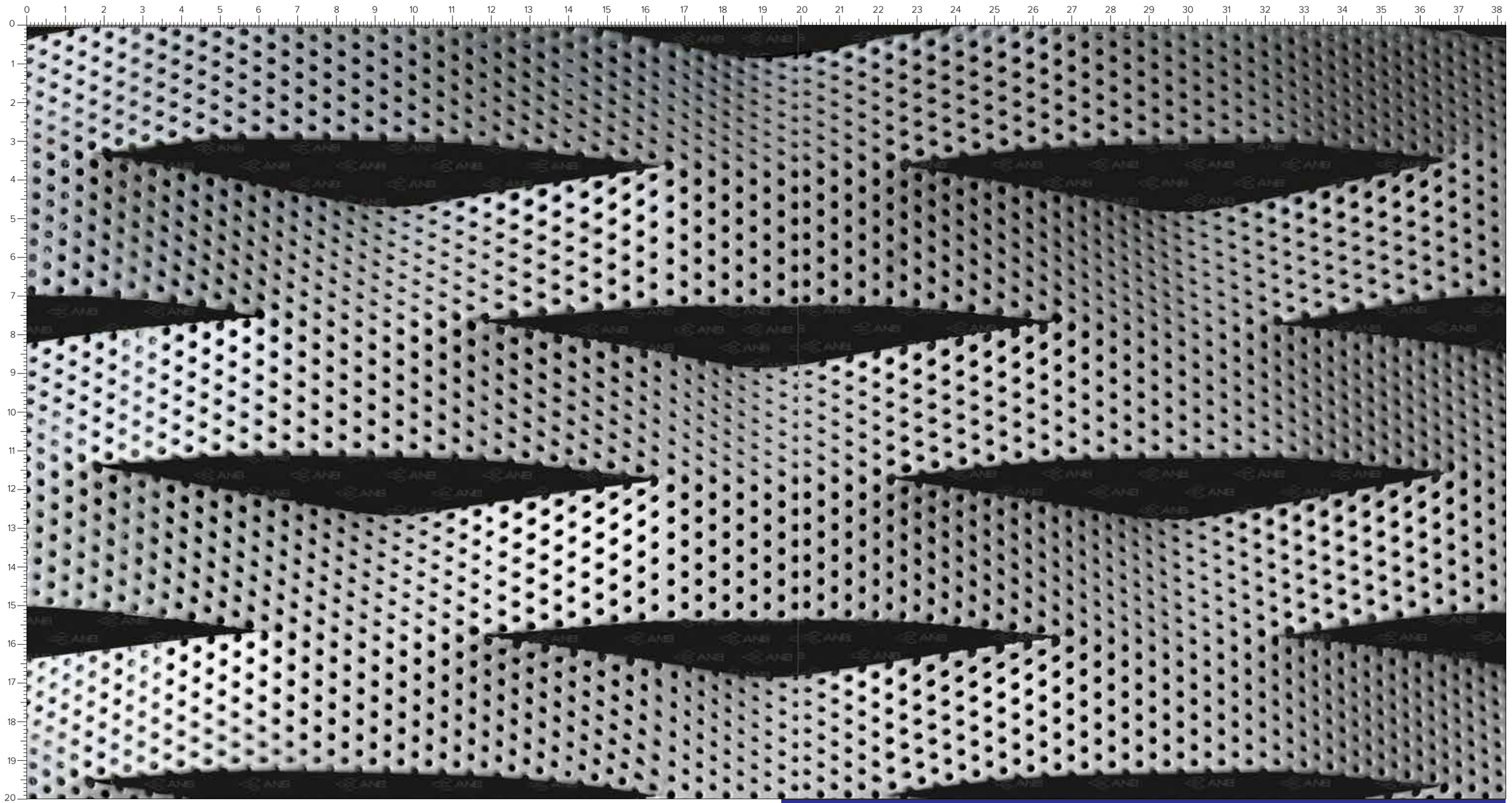


Kyiv 200-35 / 78.00 x 200.00 x 2.00 x 35.00 mm

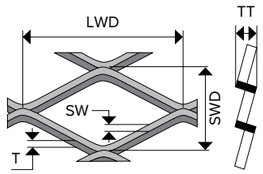
SCALA: 1:1



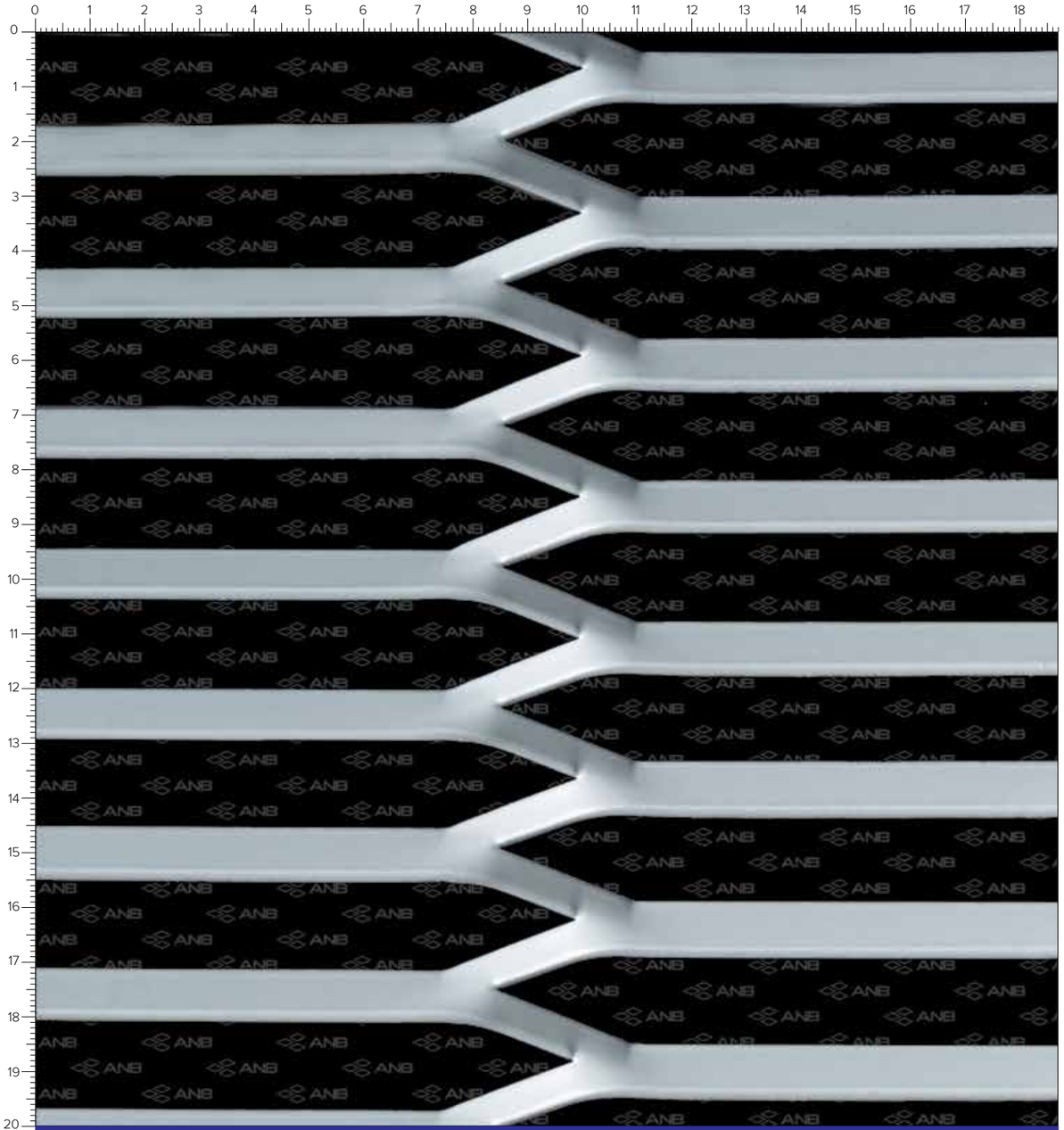
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
78.00 x 200.00 x 1.50 x 25.00	Aluminum	78.00	200.00	1.50	35.00	3.675	10
78.00 x 200.00 x 2.00 x 35.00	Aluminum	78.00	200.00	2.00	35.00	4.490	10



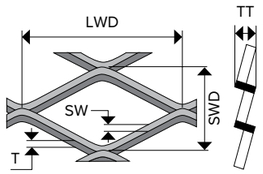
Prague 200 / 78.00 x 200.00 x 2.00 x 35.00 mm **SCALA: 1:1**



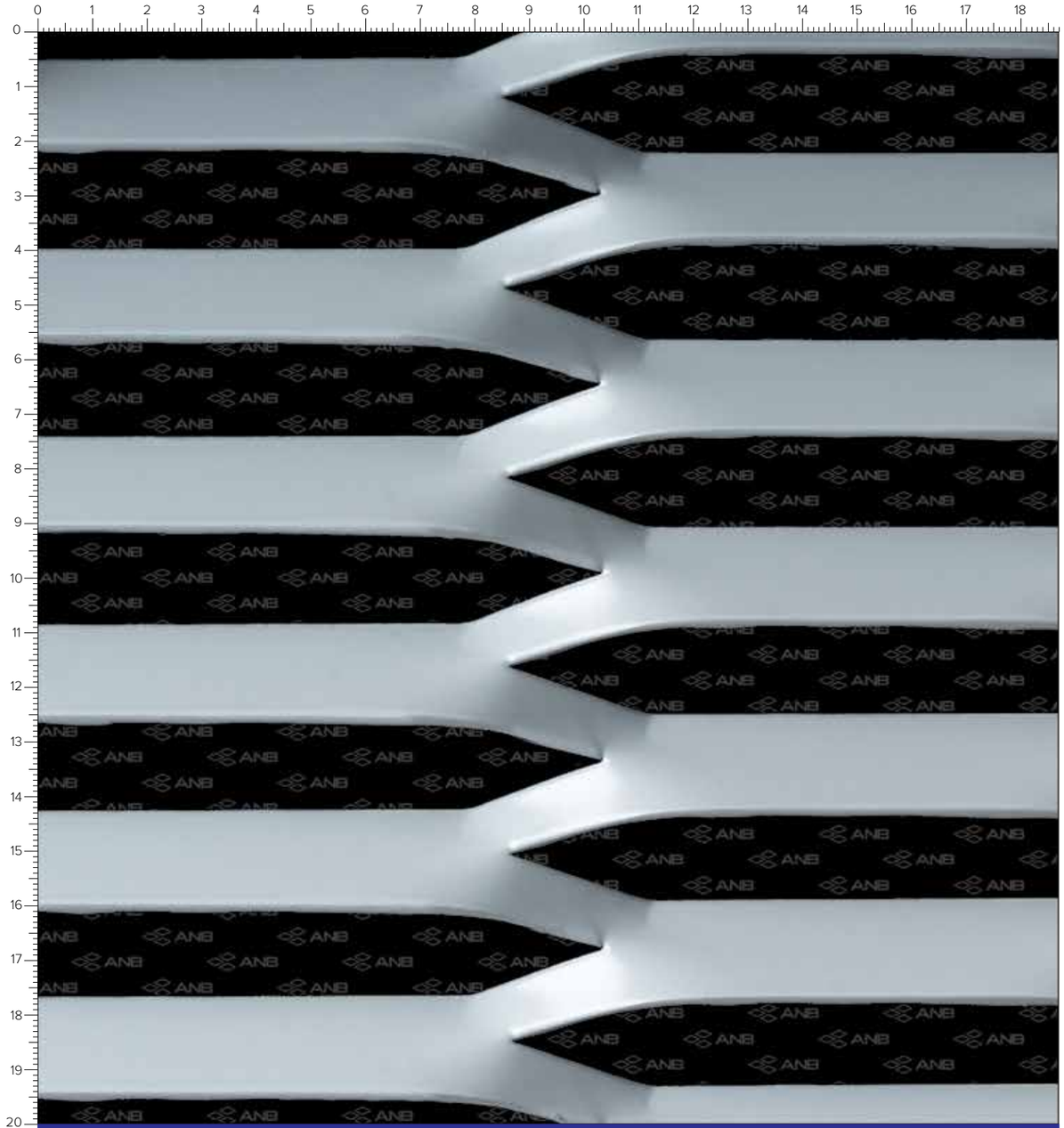
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
78.00 x 200.00 x 2.00 x 35.00	Alüminyum	78.00	200.00	2.00	35.00	4.490	10



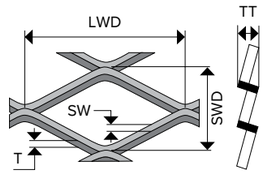
İstanbul 225-7 / 25.00 x 225.00 x 2.00 x 7.00 mm **SCALA: 1:1**



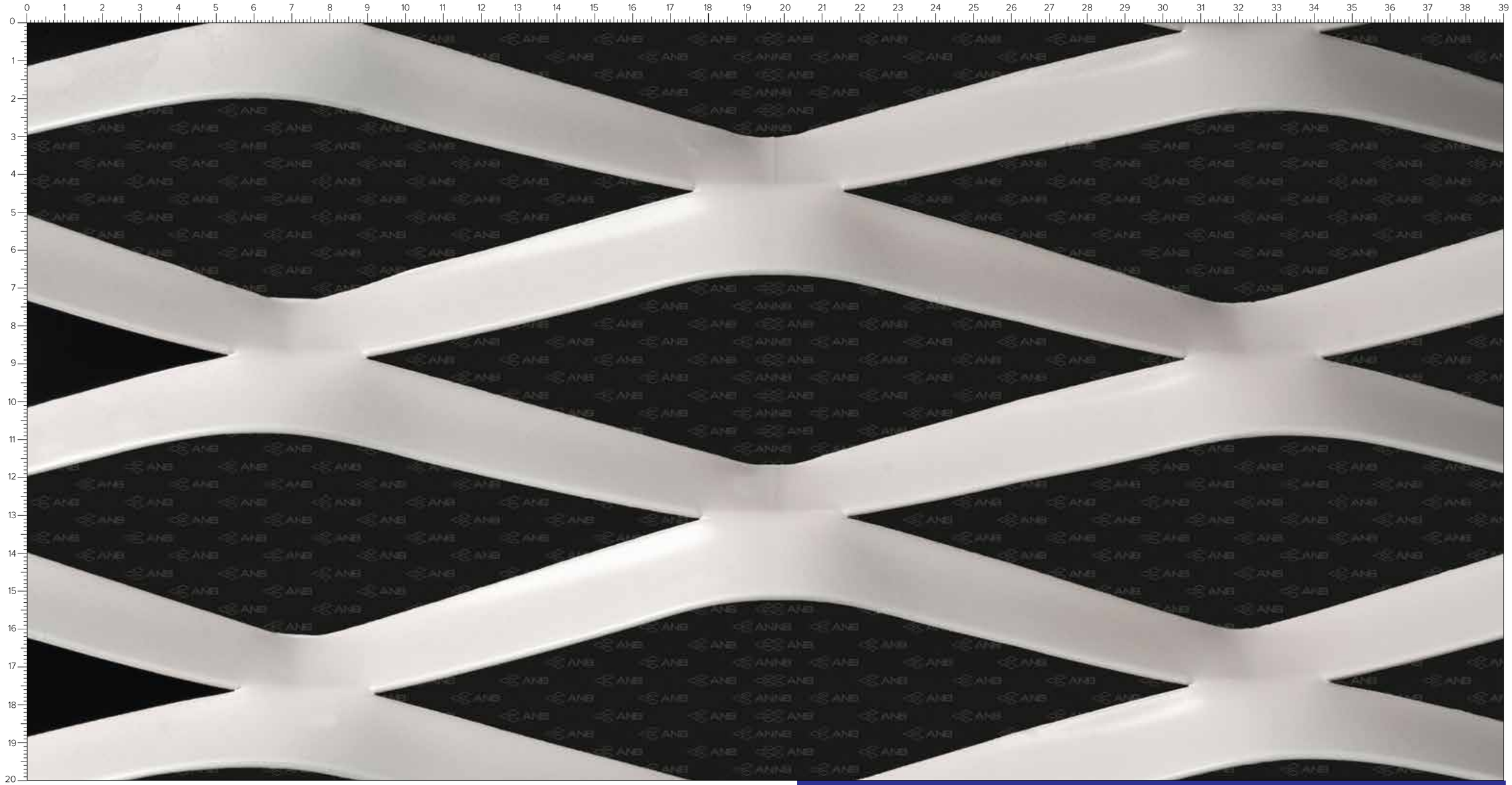
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
25.00 x 225.00 x 2.00 x 7.00	Mild Steel	25.00	225.00	2.00	7.00	8.792	44
25.00 x 225.00 x 2.00 x 7.00	Aluminum	25.00	225.00	2.00	7.00	3.058	44



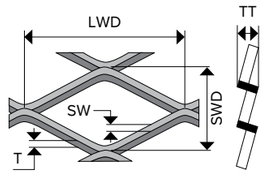
İstanbul 225-12 / 32.00 x 225.00 x 2.00 x 12.00 mm **SCALA: 1:1**



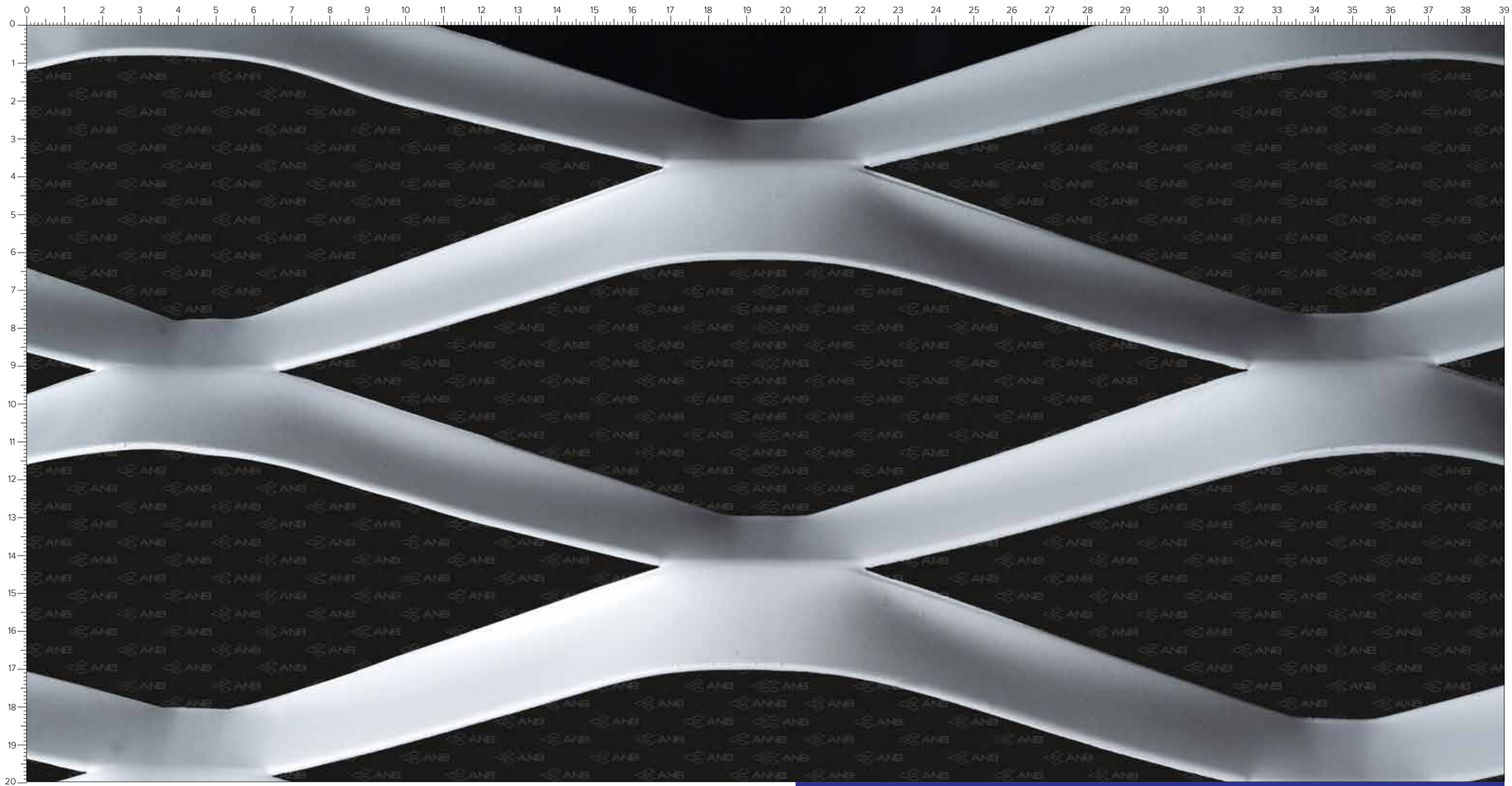
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
32.00 x 225.00 x 2.00 x 12.00	Mild Steel	32.00	225.00	1.50	12.00	8.831	25
32.00 x 225.00 x 2.00 x 12.00	Mild Steel	32.00	225.00	2.00	12.00	11.775	25
32.00 x 225.00 x 2.00 x 12.00	Aluminum	32.00	225.00	2.00	12.00	4.095	25



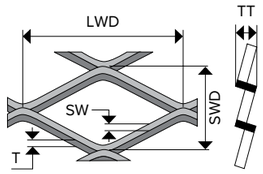
Madrid / 90.00 x 250.00 x 3.00 x 25.00 mm — SCALA: 1:1



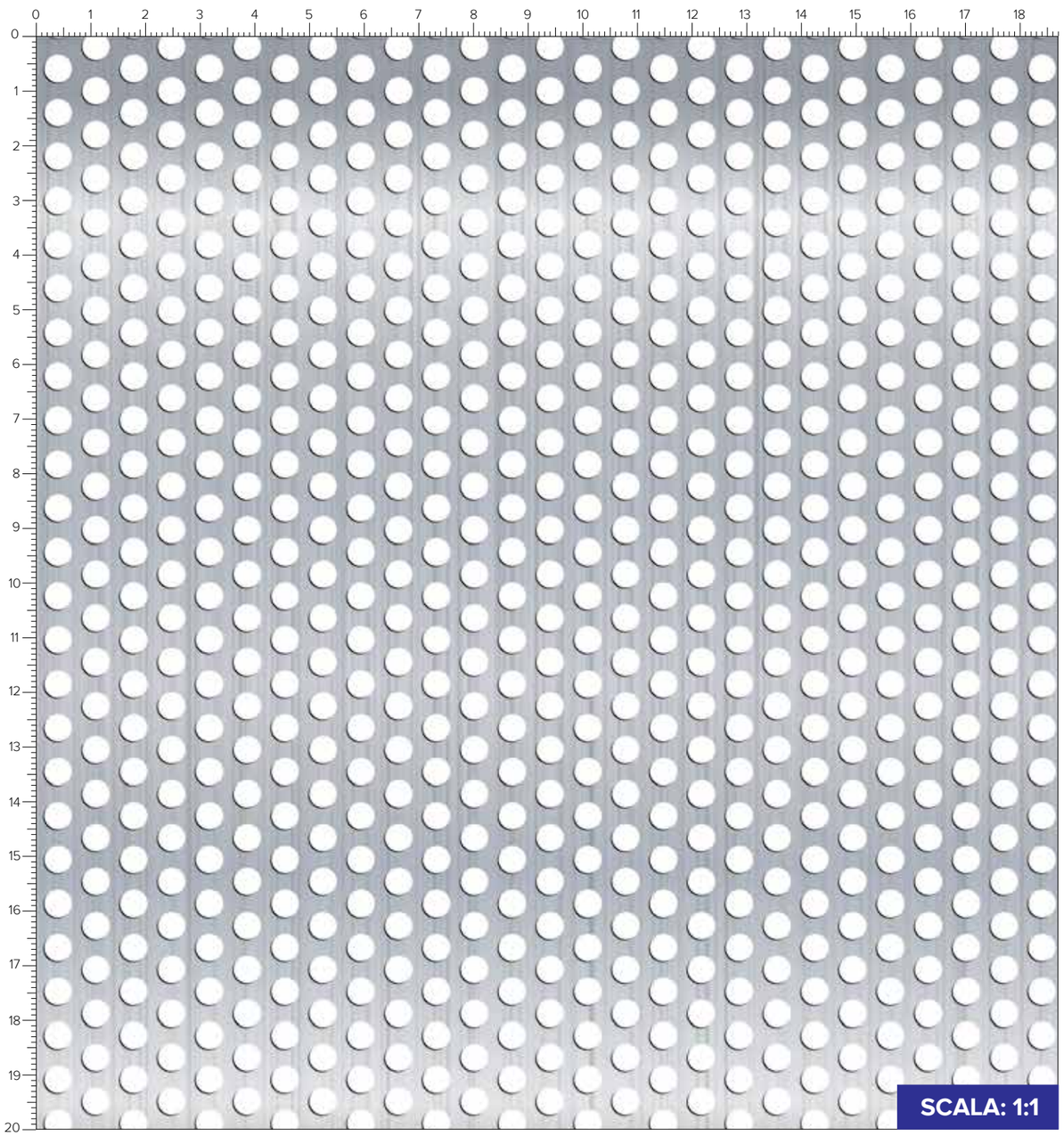
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
90.00 x 250.00 x 2.00 x 25.00	Mild Steel	90.00	250.00	2.00	25.00	8.882	44
90.00 x 250.00 x 2.00 x 25.00	Aluminum	90.00	250.00	2.00	25.00	3.033	44
90.00 x 250.00 x 3.00 x 25.00	Aluminum	90.00	250.00	3.00	25.00	4.550	44

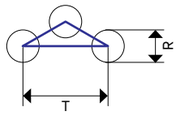


Rio 300 / 100.00 x 300.00 x 2.00 x 30.00 mm **SCALA: 1:1**

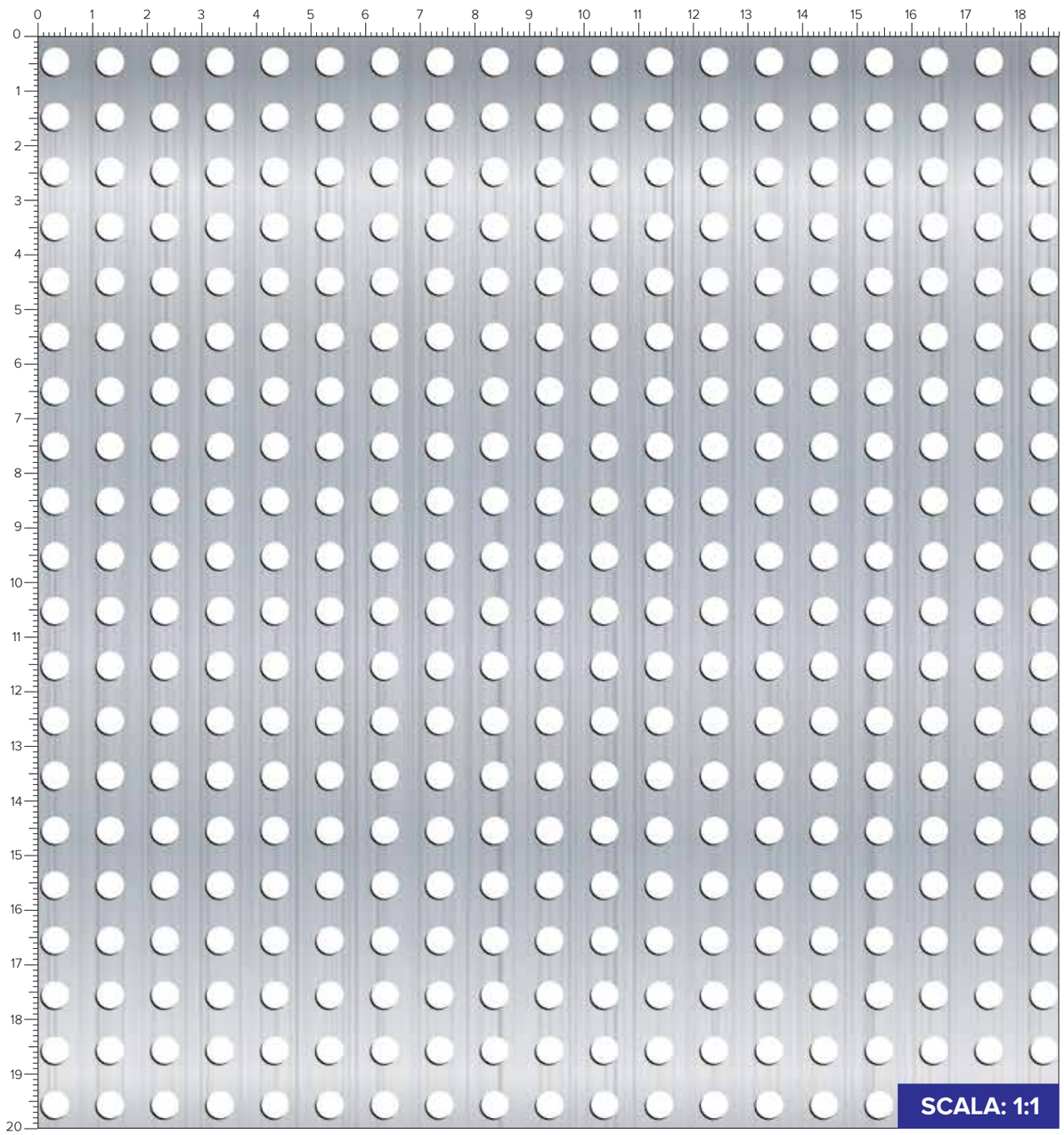


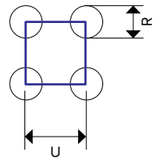
Product Code SWD x LWD x T x SW (mm)	Material	SWD Short Way (mm)	LWD Long Way (mm)	T Thickness (mm)	SW Stran Width (mm)	Weight (kg/m²)	Open Area (%)
100.00 x 300.00 x 2.00 x 30.00	Mild Steel	100.00	300.00	2.00	30.00	3.276	40
100.00 x 300.00 x 2.00 x 30.00	Aluminum	100.00	300.00	2.00	30.00	4.914	40



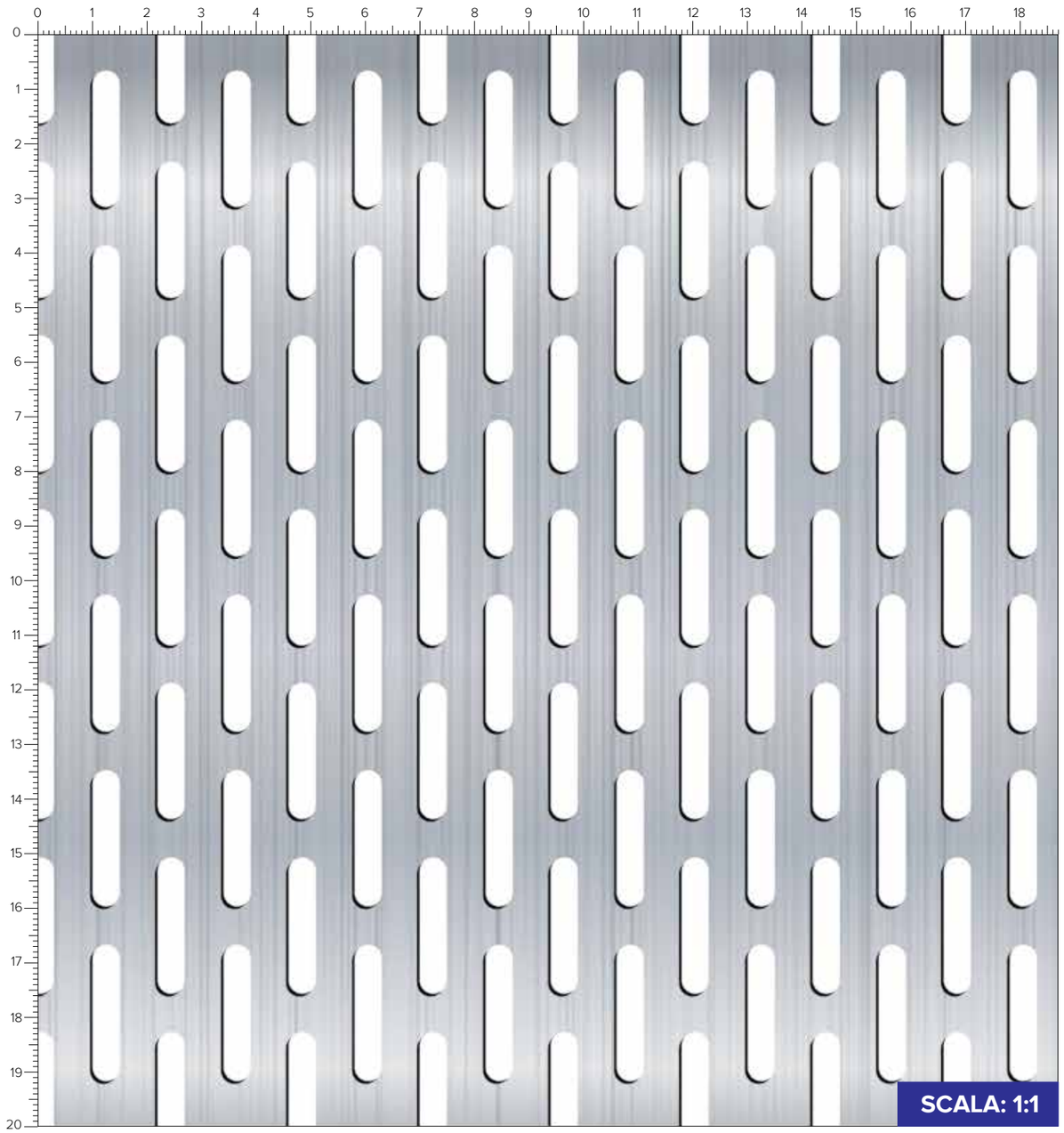


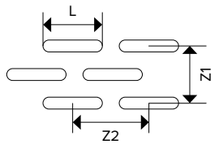
R5-T8	R **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	5.00	8.00	35.00



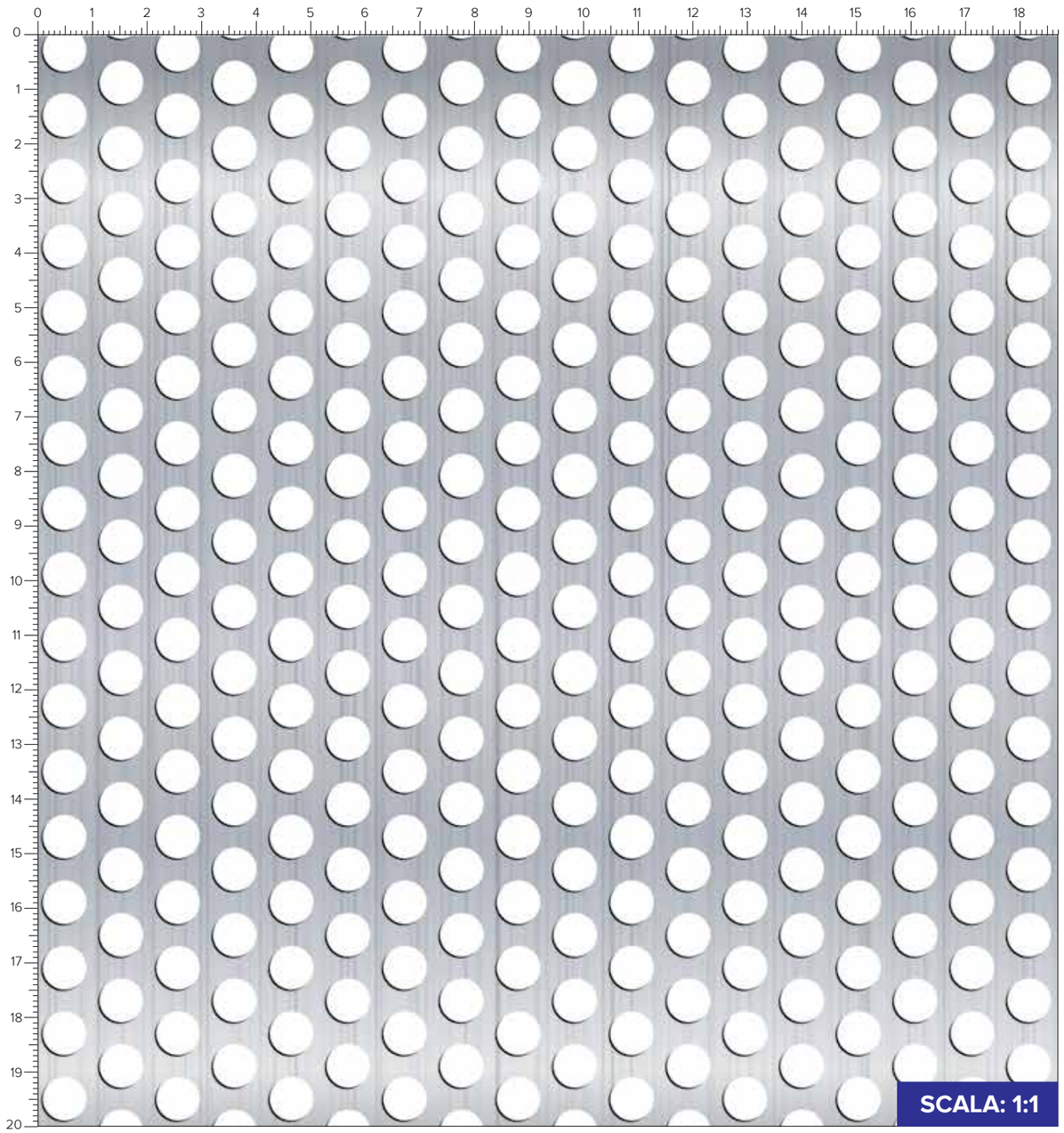


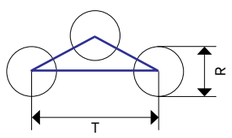
R5-U10	R **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	5.00	10.00	20.00



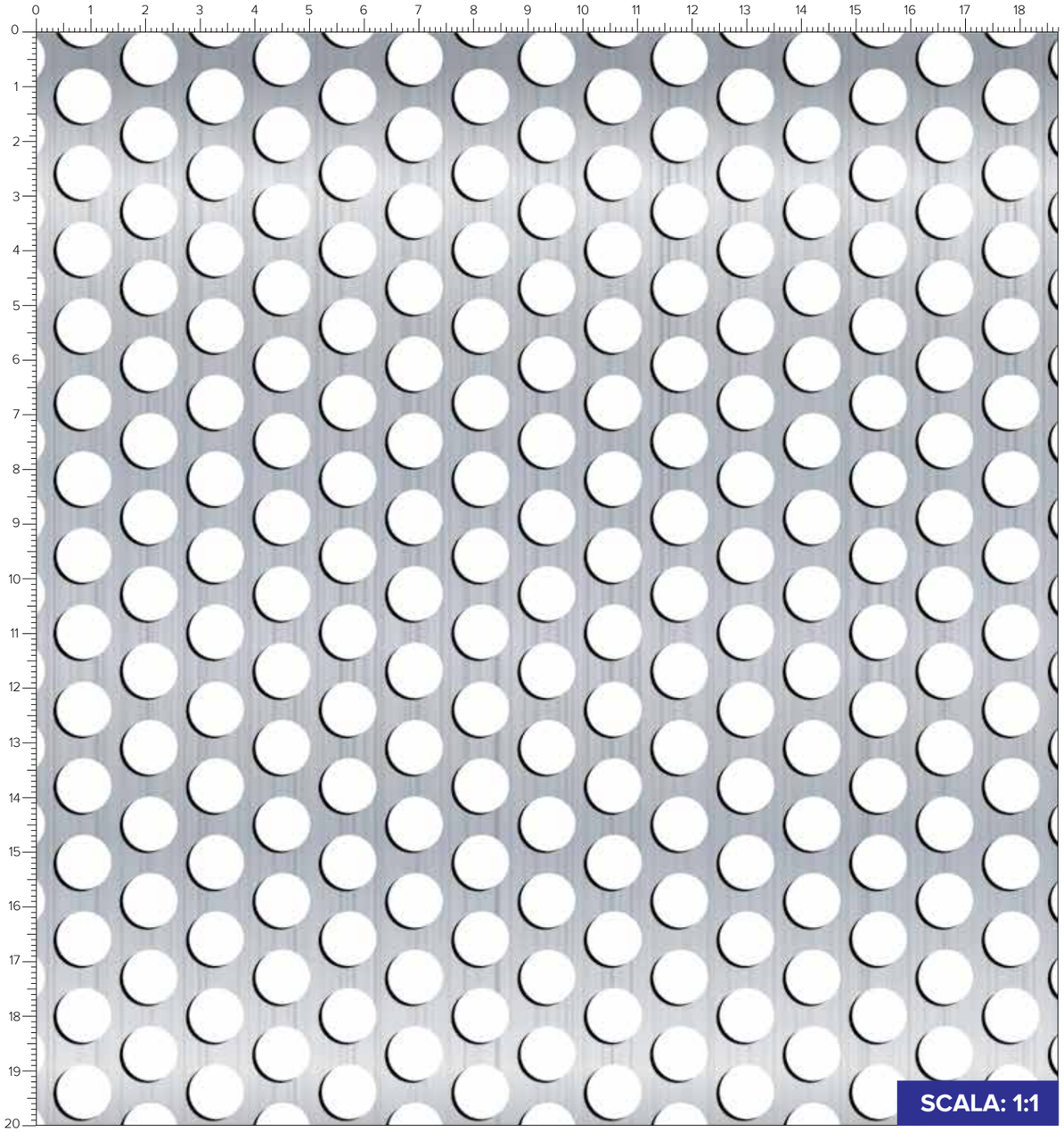


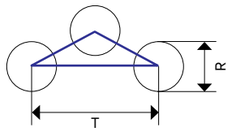
LR5-T25	R **Radius** (mm)	Z1+Z2 **Distance** **Between Center** (mm)	**Open Area** (%)
	5.00x25.00	24.00x32.00	31.00



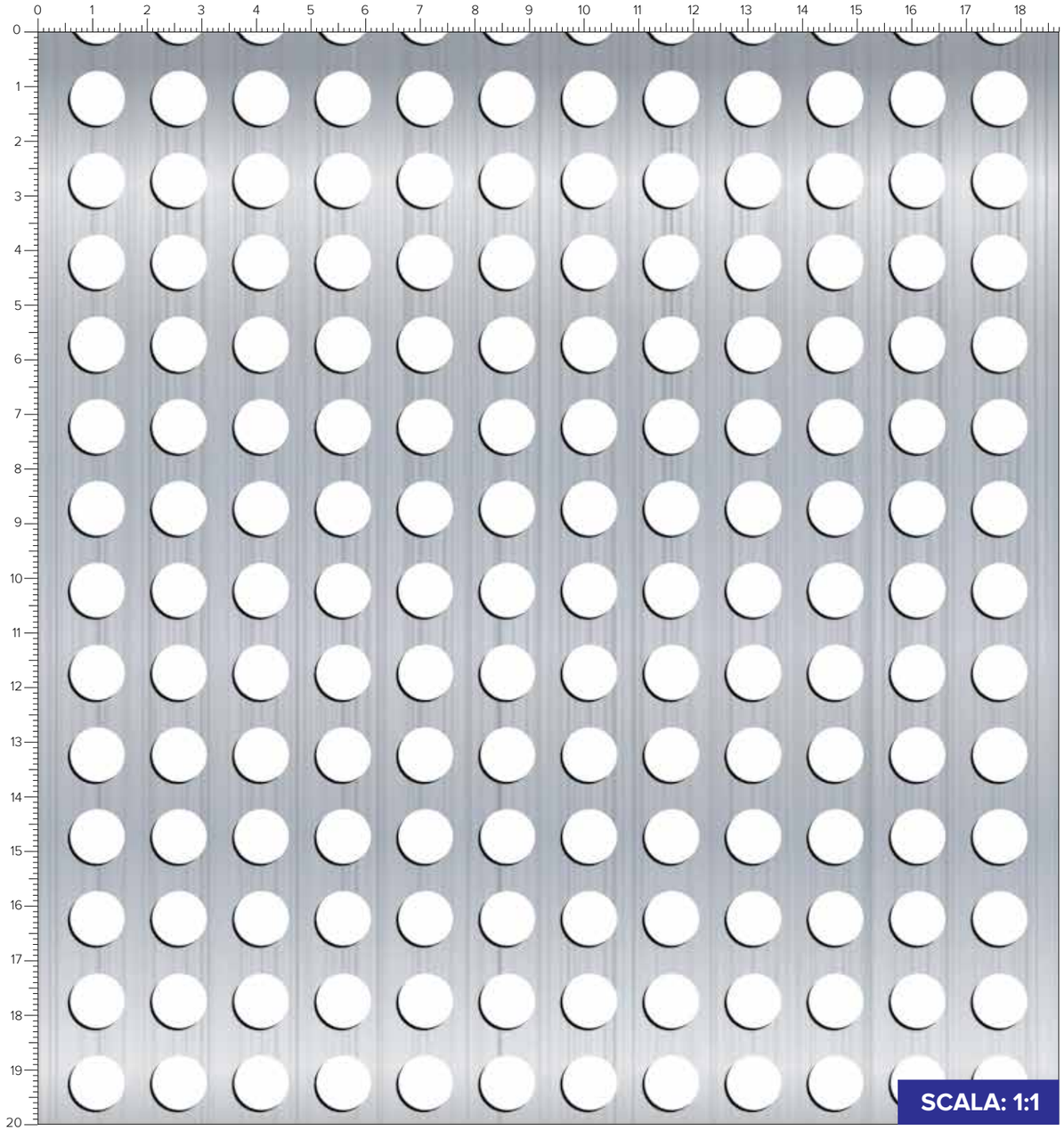


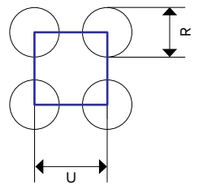
R8-T12	R **Radius** (mm)	T **Distance** **Between Center** (mm)	**Open Area** (%)
	8.00	12.00	40.00



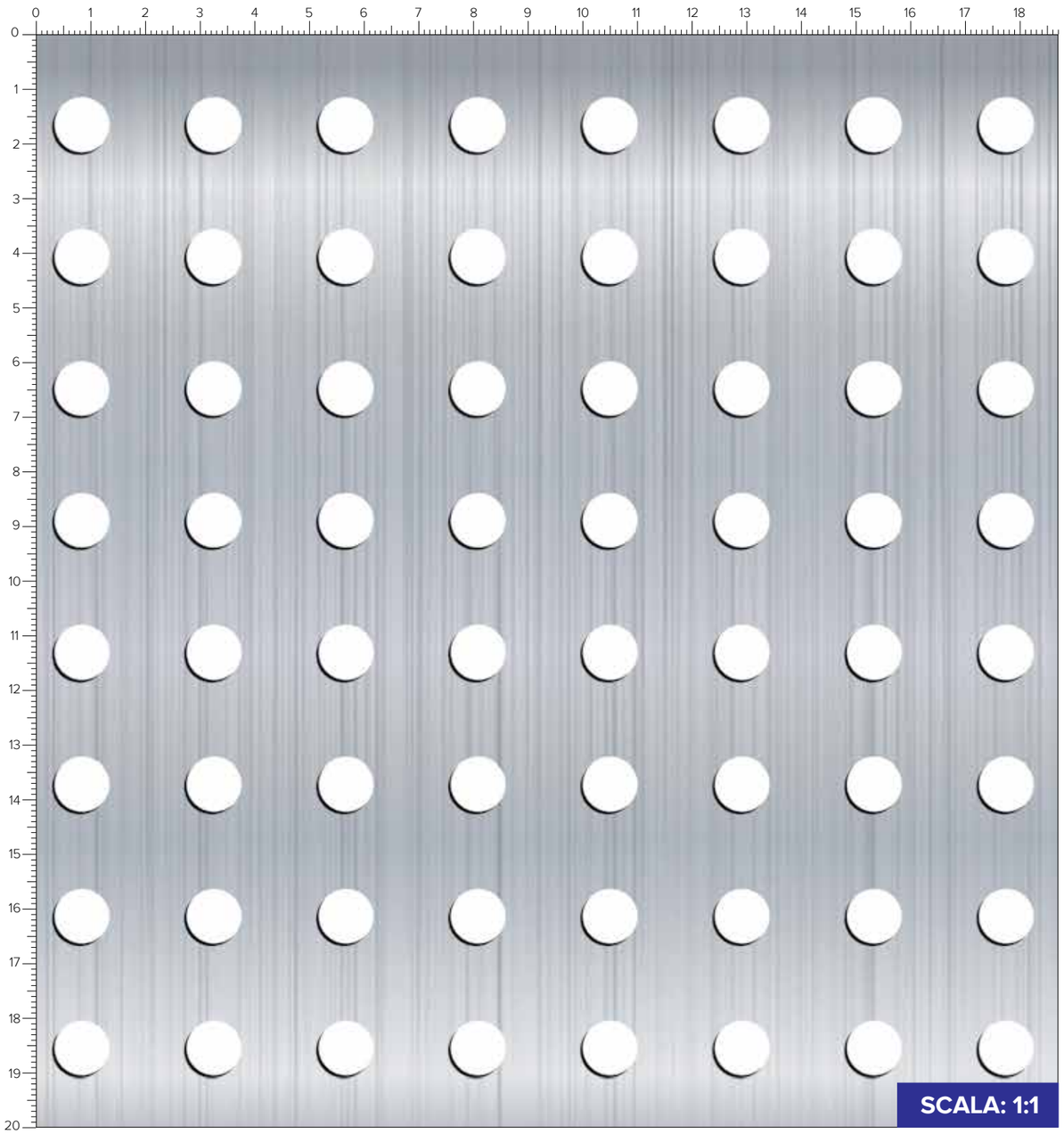


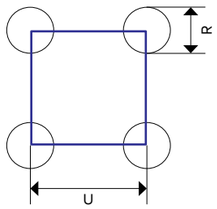
R10-T14	R **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	10.00	14.00	46.00



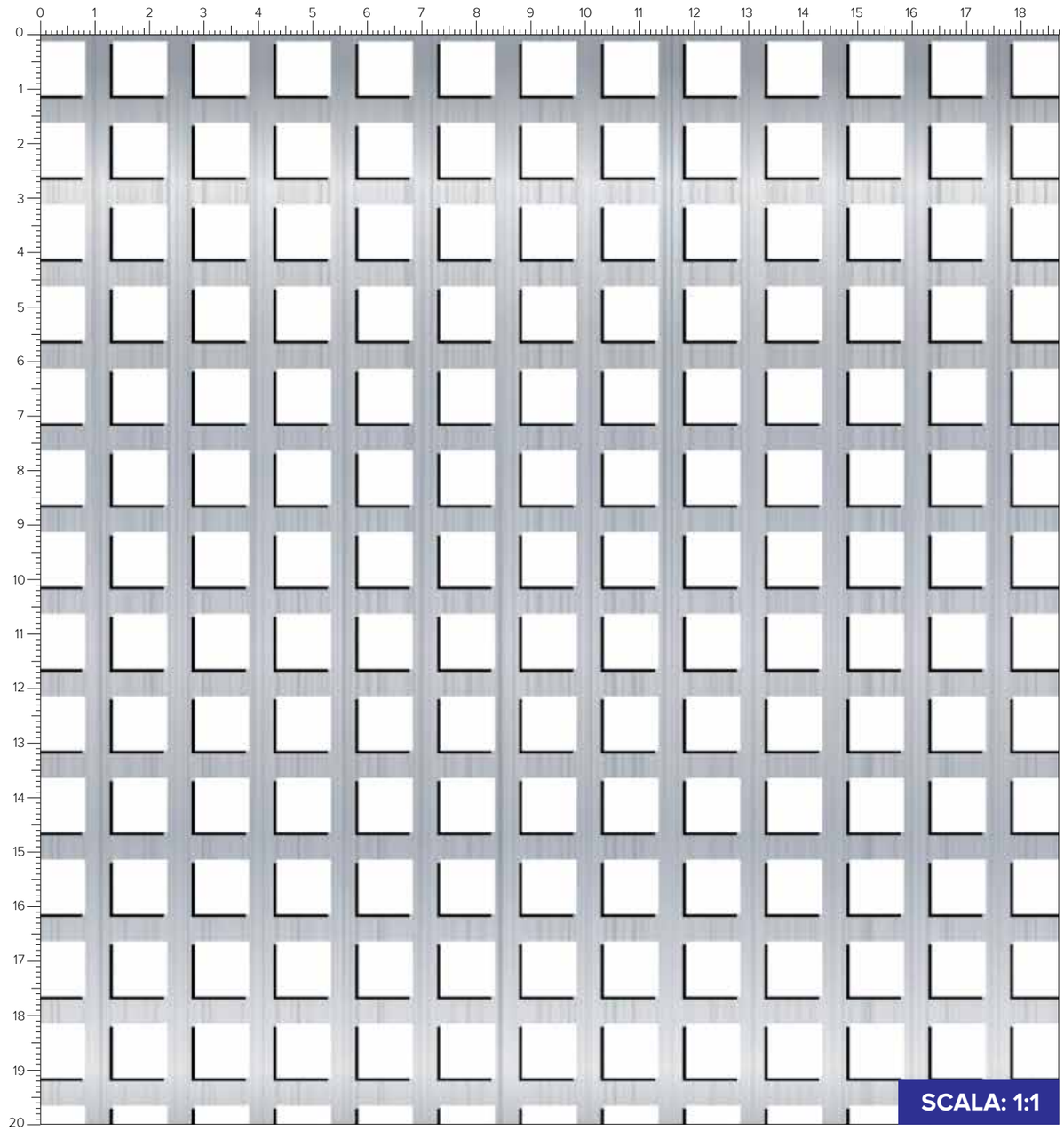


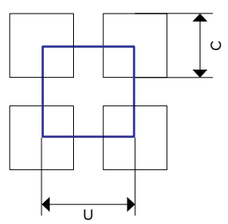
R10-U15	R **Radius** (mm)	U **Distance Between Center** (mm)	**Open Area** (%)
	10.00	15.00	35.00



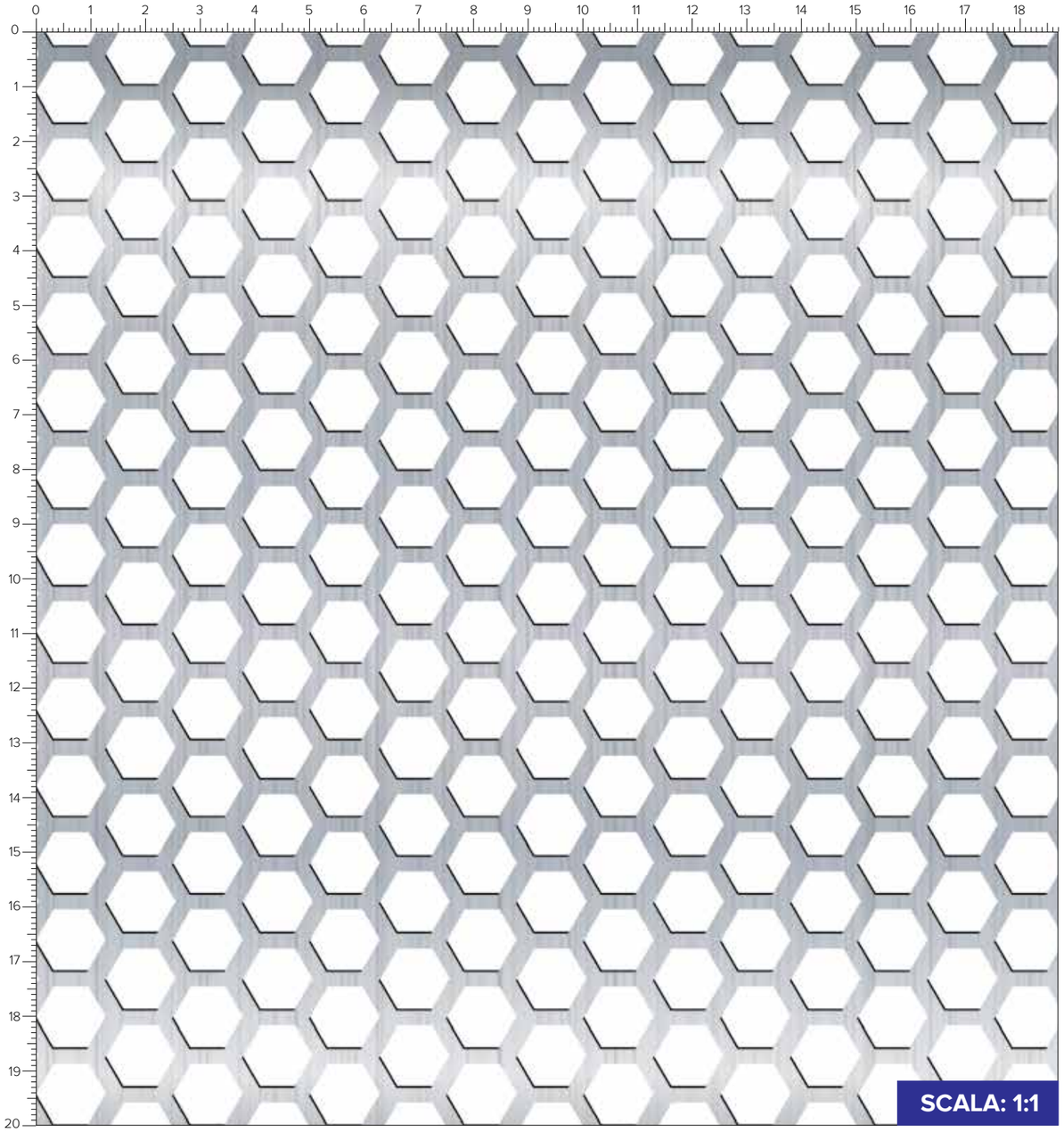


R10-U24	R Radius (mm)	U Distance Between Center (mm)	Open Area (%)
	10.00	24.00	12.00

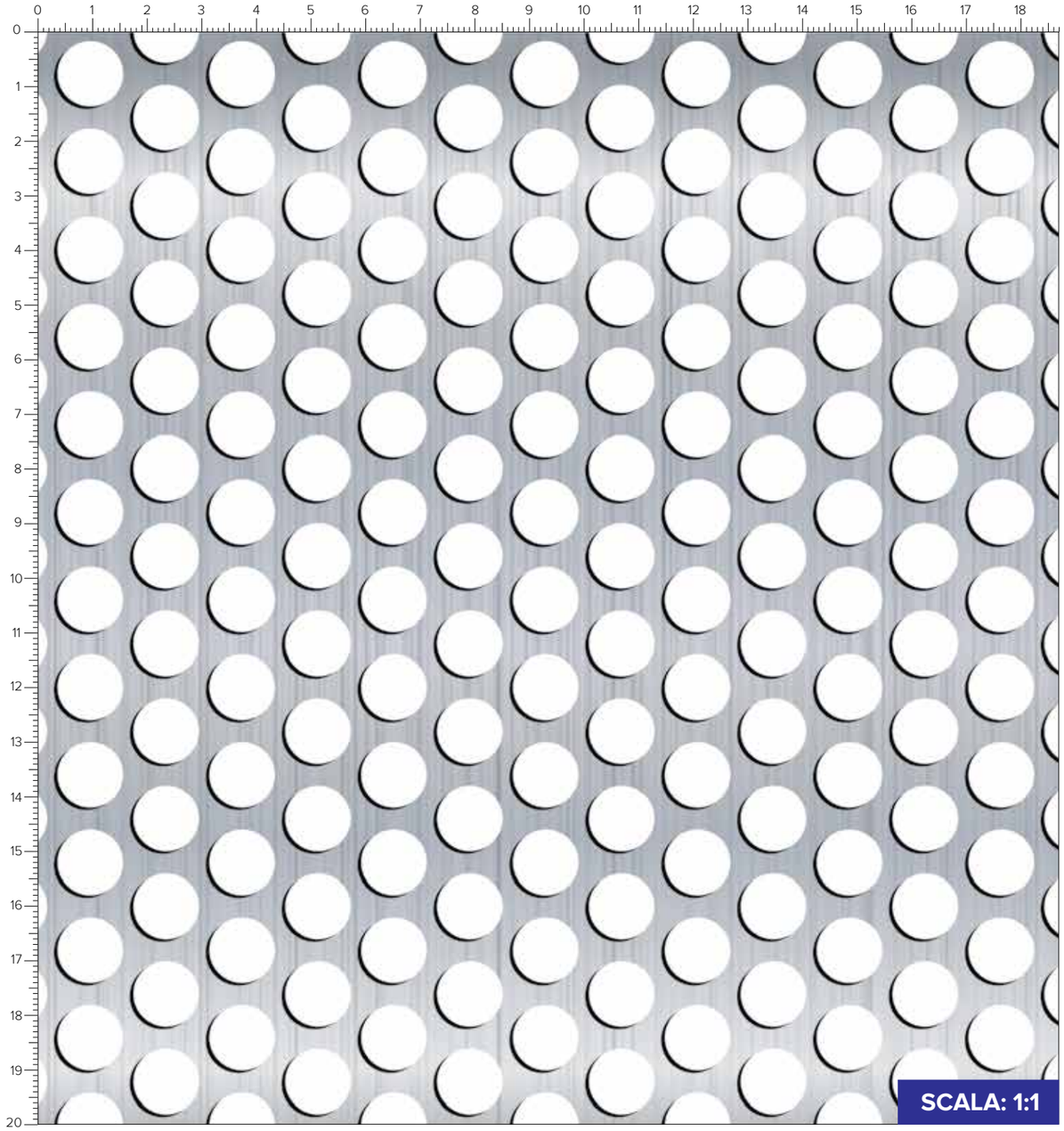


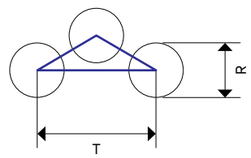


C10-U15	R Radius (mm)	U Distance Between Center (mm)	Open Area (%)
	10.00	15.00	44.00

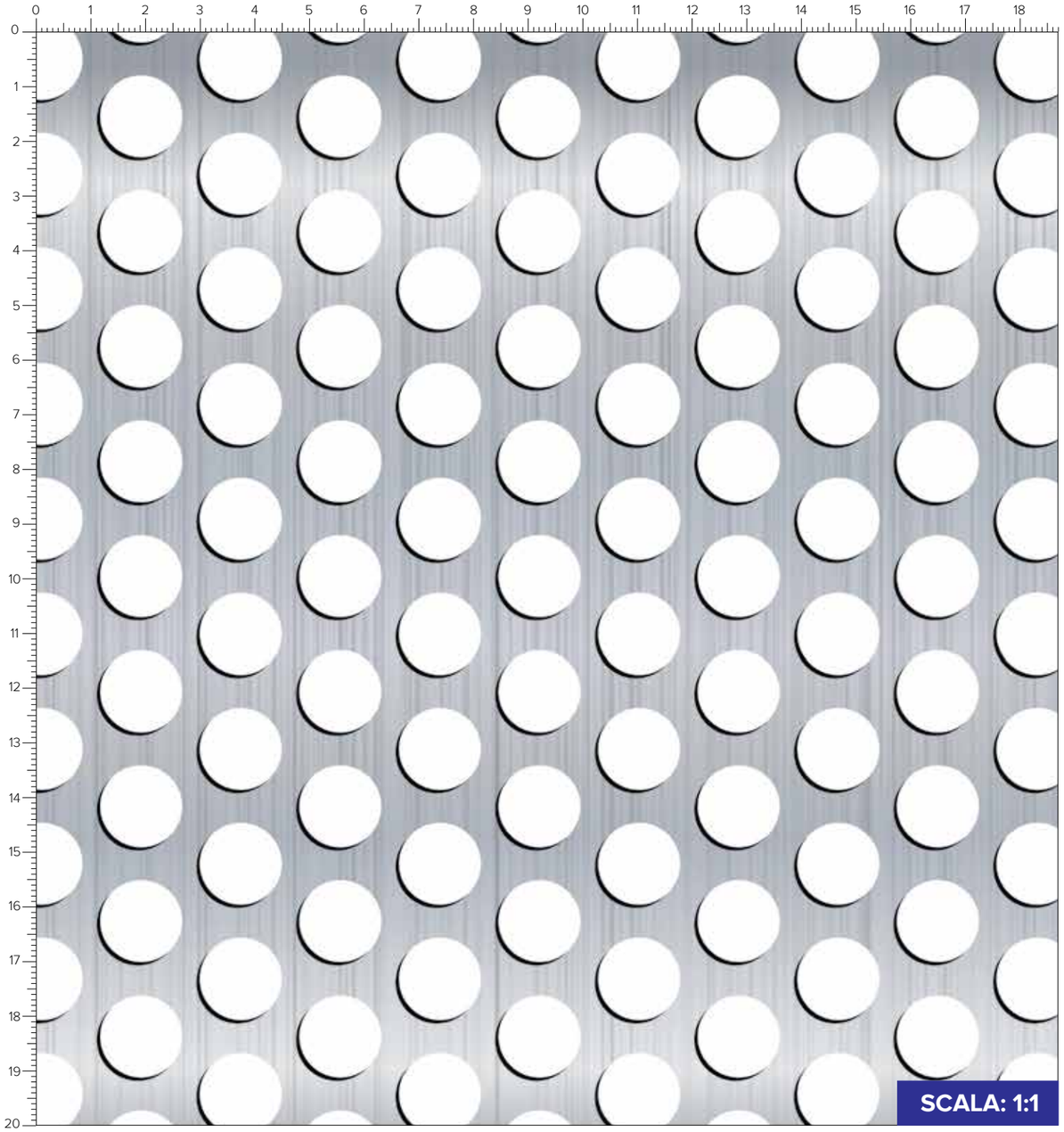


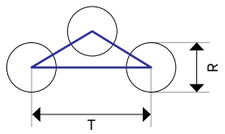
H11-T24	H **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	11.00	24.00	62.00



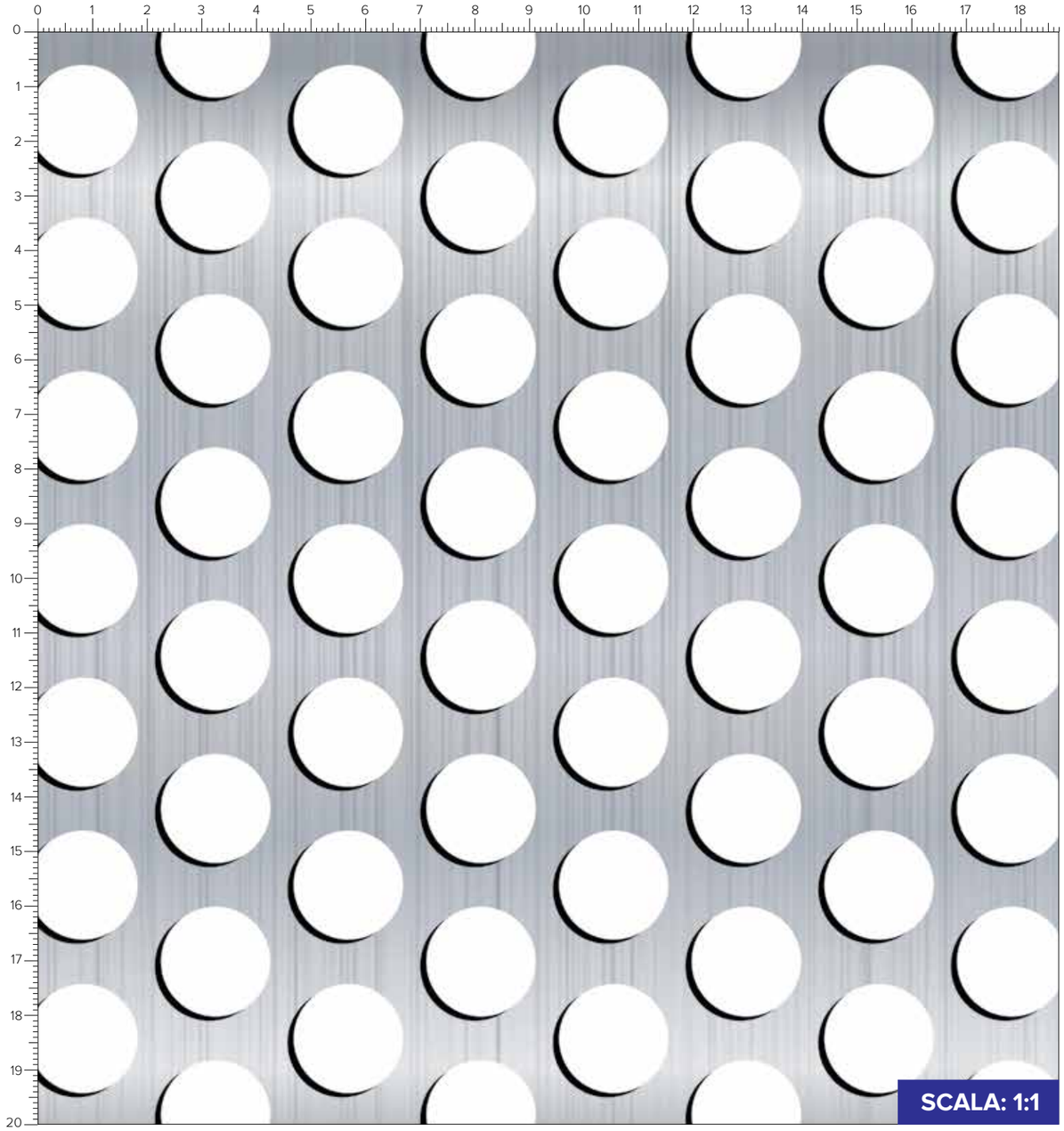


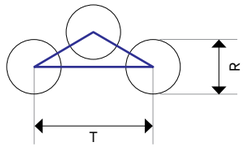
R12-T16	R **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	12.00	16.00	51.00



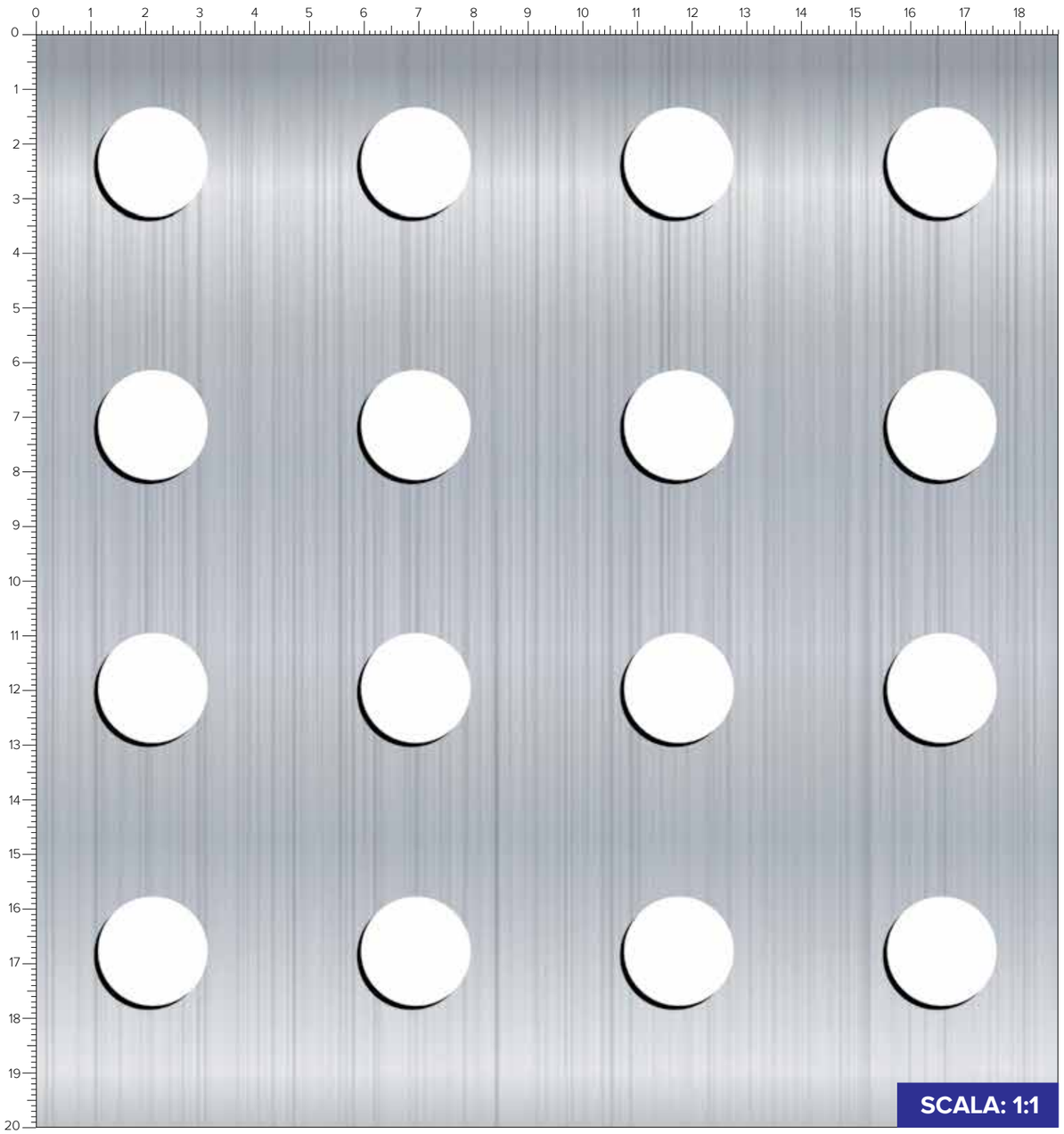


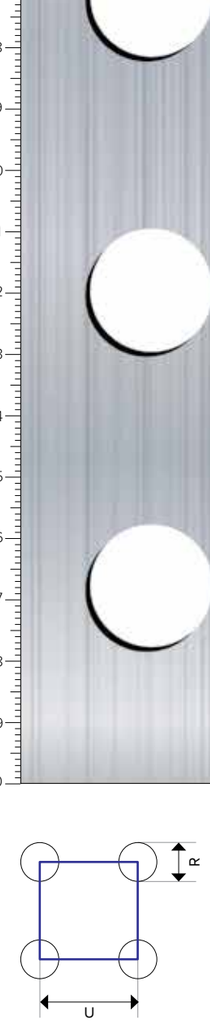
R15-T21	R **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	15.00	21.00	46.00



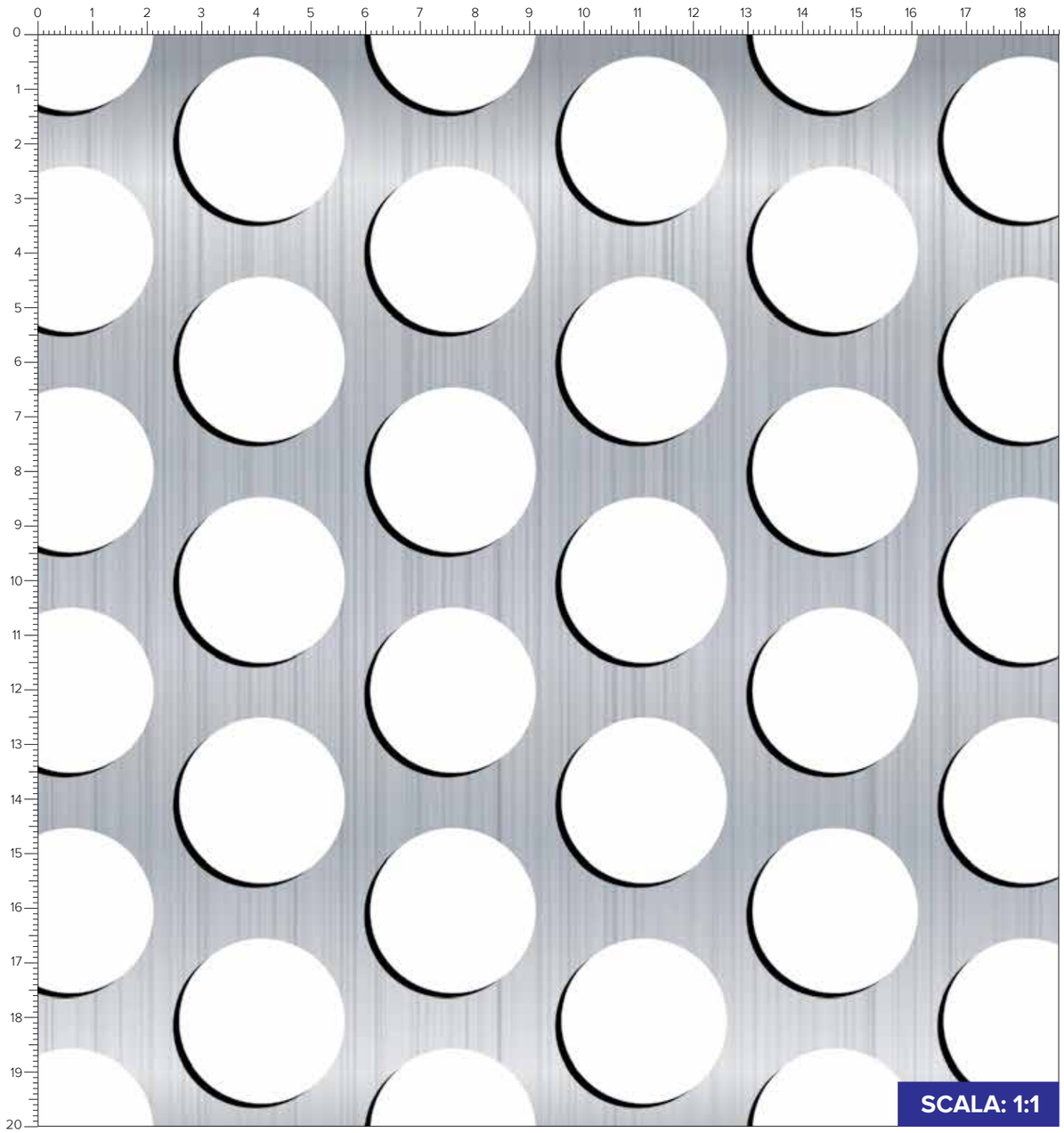


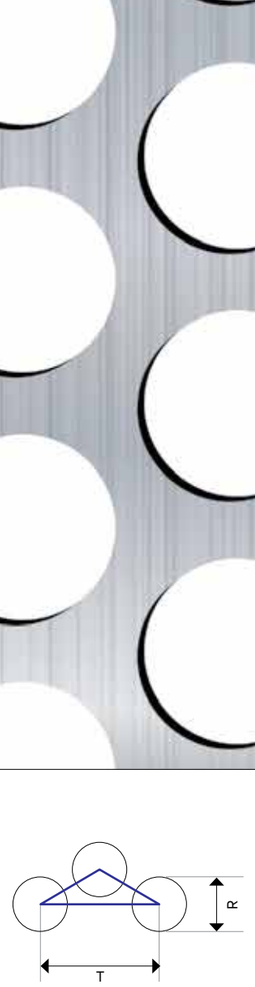
R20-T28	R **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	20.00	28.00	46.00





R20-U48	R **Radius** (mm)	U **Distance Between Center** (mm)	**Open Area** (%)
	20.00	48.00	13.00





Ç30-U40	R **Radius** (mm)	T **Distance Between Center** (mm)	**Open Area** (%)
	30.00	40.00	51.00

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