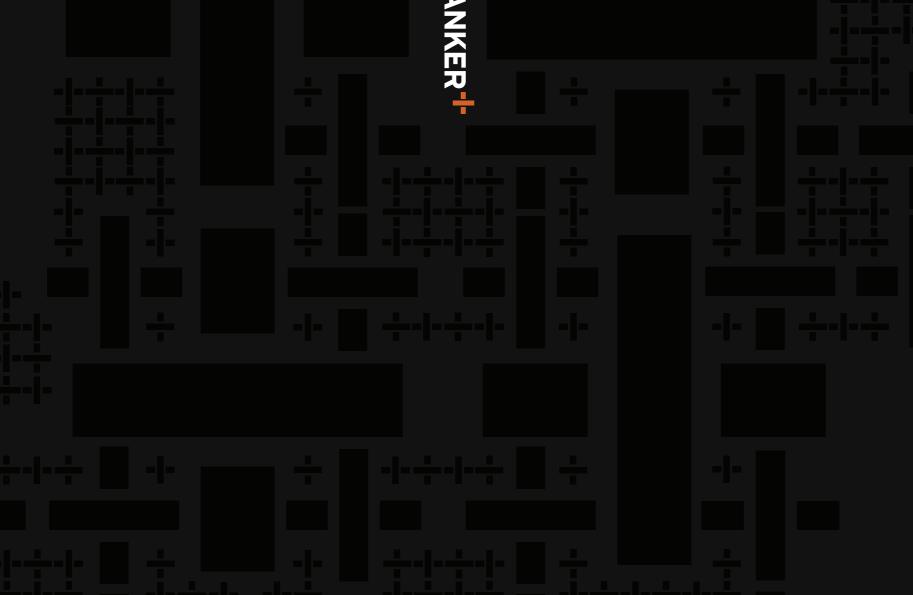
CIB WIRE & IRON WORKS, LLC 123 W BOXHORN DRIVE MUKWONAGO, WISCONSIN 53149 UNITED STATES OF AMERICA

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■ SALES@BANKERWIRE.COM

★ WWW.BANKERWIRE.COM



BANKER -



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PROJECT PHOTOGRAPHY

Ilôt Fontenoy Ségur - Paris, France IPZ-25 in Stainless Steel and Bronze



ABOUT USWIRE MESH MANUFACTURER

Banker Wire is your quality driven manufacturing partner for woven and welded wire mesh used in architectural and industrial applications. Our manufacturing expertise has been refined for more than a century, bringing unmatched customization, quality, and service to our customers.

All of our products embody our commitment to providing the widest variety of wire cloth at an unbeatable value. Nowhere else will you find manufacturing flexibility, precision, and dedicated customer service like you receive when working with us.

Established in 1896

Woven
Wire Loom

CNC Grid

2 CNC Jig

+0008

180+

Patterns & Configurations

Employees





OUR PRODUCTS

WOVEN WIRE MESH

On the following pages you will find a selection of the variety of architectural woven wire mesh that we manufacture, along with various projects in which our woven wire mesh has been used.

When browsing these pages, please keep in mind:

While all mesh patterns are depicted at 100% scale, all measurements are approximate and should be confirmed with a physical sample.

Banker Wire offers far more woven wire mesh patterns and customization options than could fit in a single book. Be sure to visit our website for a more complete collection at www.bankerwire.com

Our sales and customer service departments are here to assist you with any questions you may have. Please contact us at +1 262-363-6120 or sales@bakerwire.com for sample inquiries, general questions, or anything else you may need.

Banker Wire is the world's leading manufacturer of woven and welded wire mesh for architectural and industrial applications. From intricate design highlights to largescale industrial applications, our expansive manufacturing capabilities ensure that every piece of wire mesh is precisely manufactured and of the highest quality.

PROJECT PHOTOGRAPHY

Willow Creek Residence - Texas, USA S-12 in Plated Antique Brass

RAW MATERIALS

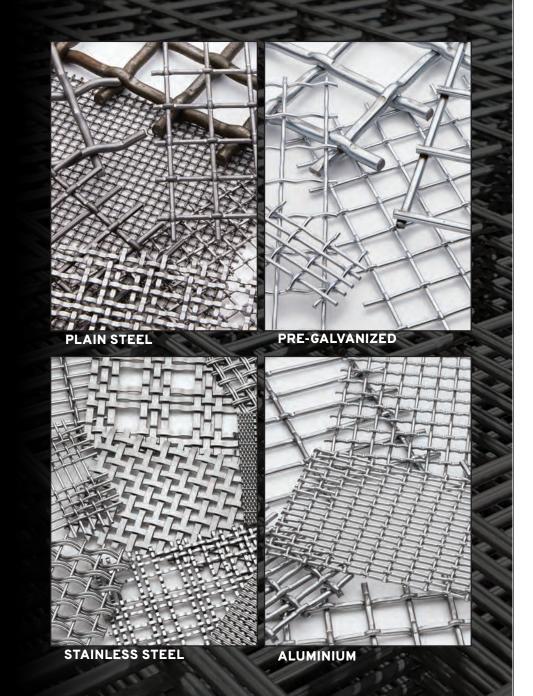
FOR WOVEN WIRE MESH

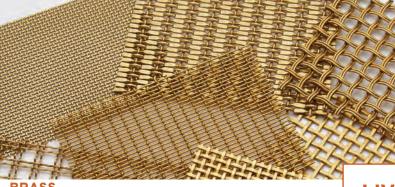
STAINLESS STEEL
BRASS
BRONZE
COPPER
PLAIN STEEL
ALUMINUM
PRE-GALVANIZED
GALFAN®
WEATHERING STEEL

Banker Wire manufactures all of its products in a bare, mill finished condition. Our selected wire inventory comes from vendors that always meet Banker's high expectation for quality and consistency. Every production job uses raw materials that have been inspected and certified prior to manufacturing. Wire mill certificates of compliance are kept on record and are always available upon request free of charge.

MIXING RAW MATERIALS

Mixing a stainless steel wire with a brass, bronze, or copper wire within the same mesh pattern can bring out a new dimension of texture and color characteristics that are unique to woven wire mesh. The depth and movement of the woven wires dynamically change as the viewers perspective changes. The color visuals transition in and out from being completely separated to a combined balance of silver and the other alloy used. Since the brass, bronze, and copper are considered "Living Finishes", the starting color can change to darker shades depending on the environmental conditions.





LIVING FINISHES

Banker Wire utilizes a wide range of alloys for our wire mesh, among these are a group of metal alloys that are referred to as "Copper based alloys". Brass, Bronze, and Copper all contain some percentage of copper content. The reactive nature of copper towards oxygen and moisture puts this group of alloys in an ever changing state of oxidation that we know as "Tarnish". The timing and degree of this tarnish will vary and is dependent upon the situation of both handling of the material and the environment in which this material is located.

To preserve the bright characteristic of these alloys, the surface of the metal must be starved from oxygen and moisture. A protective coating of any kind that creates a barrier to oxygen will do and the effectiveness of protecting the metal from oxidation is equal to that coatings performance.



COPPER

6

SECONDARY FINISHES

FOR WOVEN WIRE MESH

To enhance the appearance of the final product, we offer a variety of secondary finishes through our outside vendors. Banker Wire is happy to assist in the early design stages. We can help identify the appropriate raw material for a desired secondary finish that fits the aesthetics of your project. Typical secondary finishes applied to the wire mesh include Powder Coating, Decorative Plating, as well as US10B and US10A. When appropriate, Banker Wire can facilitate the specified finish and deliver the fabricated materials ready to install using our outside vendors.

Please note that specialty finishes on metal such as Antique Plating, US10A and US10B involve the human element during processing. With this, comes a degree of variability in the final outcome. Slight variations in darkness and brightness will exist from one production run to another. While Banker Wire does provide samples of these finishes, a level of deviation from these samples must be factored into the design decisions.

For more detailed information on Secondary Finishes, please visit:

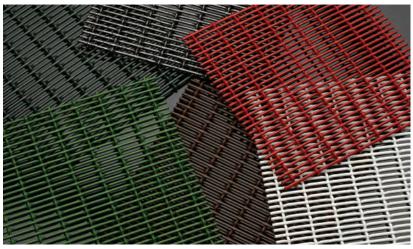
www.bankerwire.com/secondary-finishes

OUR STANDARD FINISH

Banker Wire manufactures all products in bare, mill finished condition within an industrial setting. A final cleaning should be considered after all fabrication and further processing is completed to ensure the material will look and perform at its best.

Our wire always complies with our high expectations for quality and consistency. It should be noted that at times there may be subtle, varying degrees of light and dark shading in smooth, diamond drawn wire. While we make every attempt to minimize this with our quality controls and processes, inconsistencies are a natural occurrence of drawn wire and may still appear in the final product.

POWDER COATING



Powder coating uses an electrostatic charge to attract a fluidized powder evenly across all surfaces of the wire mesh. The electrostatic charge holds the pigmented powder until it passes through an oven where it melts and adheres permanently to the wire mesh.

US10B US10A

The US10B finish darkens the bronze, brass, or copper followed by a clear lacquer top coat. The US10A finish physically removes the tarnish from the top layer of the bronze, brass, or copper and seals it with a clear lacquer top coat.



process introduces a dark oxide layer over top of the

bright plated alloy with a hand-relieving process used to

accentuate the high points of the wire mesh.

8

MANUFACTURING

Banker Wire was established in 1896. When you practice a craft consistently for over 125 years, you become an expert in it. With our knowledge, experience, and dedication to efficiency, we are the go-to manufacturer of wire mesh.

Our products are manufactured to order and made to size, allowing us to provide you with the best quality at the best value. No request is too large or too small. With thousands of patterns, enormous range of in stock raw materials, nearly unlimited customization options, fabrication, and in-house tooling, we can meet all of your wire mesh needs.

Every mesh product is made to order, ensuring each customer receives precisely what they require. Whether selecting from our extensive range of standard specifications or exploring our abundant customization options, Banker Wire has the perfect welded wire mesh solution for you.

QUALITY IS OUR GOAL

With over 125 years of experience, we've learned that quality is paramount. That's why at Banker Wire, we adhere to stringent internal standards in manufacturing all our products. This ensures the highest level of quality and consistency in our welded wire mesh. Throughout each production cycle, we meticulously inspect panels for dimensions, accuracy, and strength, ensuring every sheet meets our rigorous standards and maintains uniformity.

Yet, quality goes beyond mere testing. Recognizing the value of time, we prioritize efficiency at Banker. Over the years, we've honed manufacturing methods that guarantee top performance. Our equipment undergoes regular enhancements, and our staff receives ongoing training, ensuring our customers always receive optimal value without compromising the exacting standards that define Banker Wire.



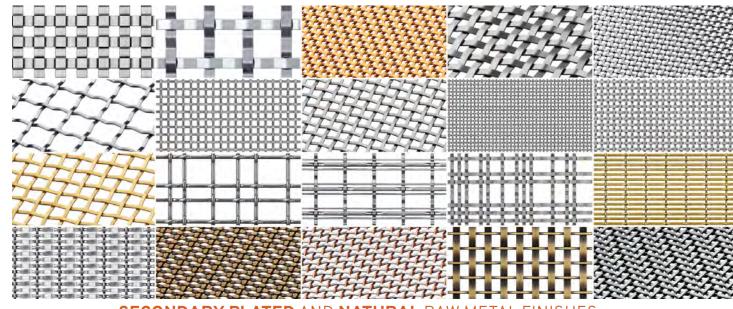




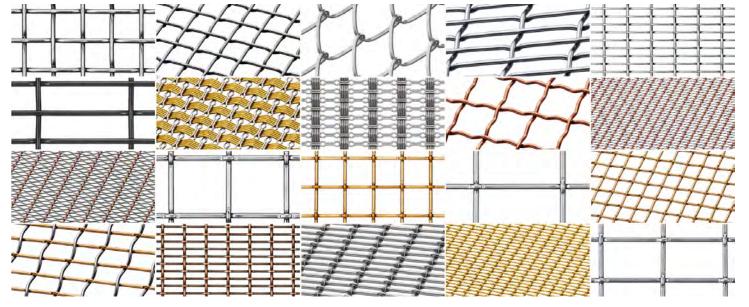


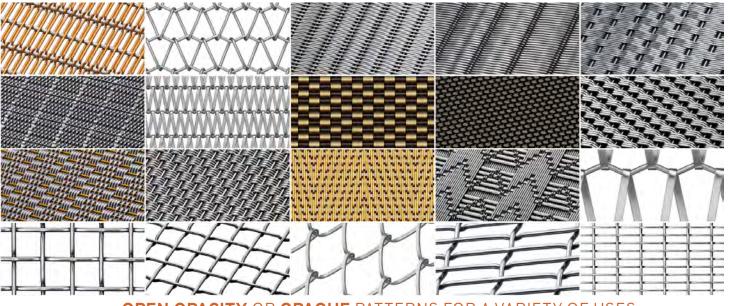




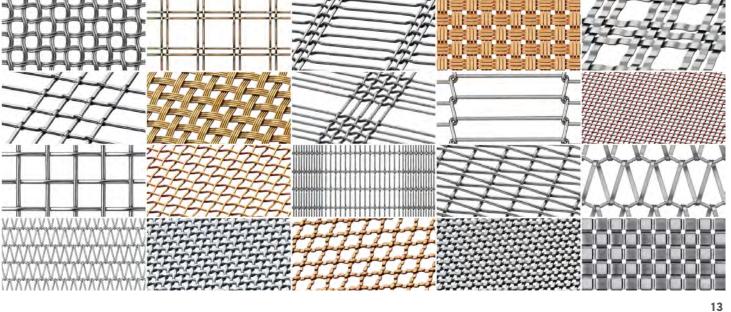


SECONDARY PLATED AND NATURAL RAW METAL FINISHES





OPEN OPACITY OR **OPAQUE** PATTERNS FOR A VARIETY OF USES



12





ARCHITECTURE AND DESIGN?

Wire mesh is a timeless material that is beautiful, practical, cost-effective, and environmentally friendly. Over more than 125 years, Banker Wire has developed thousands of Architectural Wire Mesh patterns, each customizable to suit your needs. The fundamental qualities of our mesh make it an ideal medium for architecture and interior design.

AFSTHETICS

With nearly unlimited options, Banker's Architectural Wire Mesh can be designed to fit your next project's style. The density of each pattern offers the ability to control visibility. Naturally three-dimensional, wire mesh also adds visual interest with distinctive textures. The array of available materials and secondary finishes completes the picture, providing unique colors and life.

FUNCTIONALITY

High-quality materials and superior manufacturing ensure that Banker's Architectural Wire Mesh is dependable. Strong and durable, wire mesh stands up to regular wear and tear as well as heavy use. With additional fabrication and system options for rigid and flexible mesh, each design can be adapted to fit any type of application.

/ALUF

Banker Wire's commitment to value is a core principle of our company. We invest in high-quality equipment and develop manufacturing processes that emphasize efficiency. The economic production of our wire mesh allows us to provide top-tier materials at fair prices.

SUSTAINABILITY

Our efficient manufacturing processes yield minimal scrap during production. The produced scrap is collected, sorted, and sent to the appropriate recycling facilities to be reformed and returned to Banker. This process allows us to maximize value while reducing strain on natural resources as well as overall waste.

PROJECT PHOTOGRAPHY

Philadelphia Cricket Club - Pennsylvania, USA M44-7 as a Space Divider



-I-WIRE MESH FOR RAILINGS

Wire mesh railing infill panels are sections of wire mesh that fill in the open area of a hand rail system. These segments add an extra layer of protection to railings, preventing people and large objects from passing through the space. The openings of wire mesh, whether it is woven or welded, allow the railings to enhance a design without obstructing lines of sight, light, or airflow.

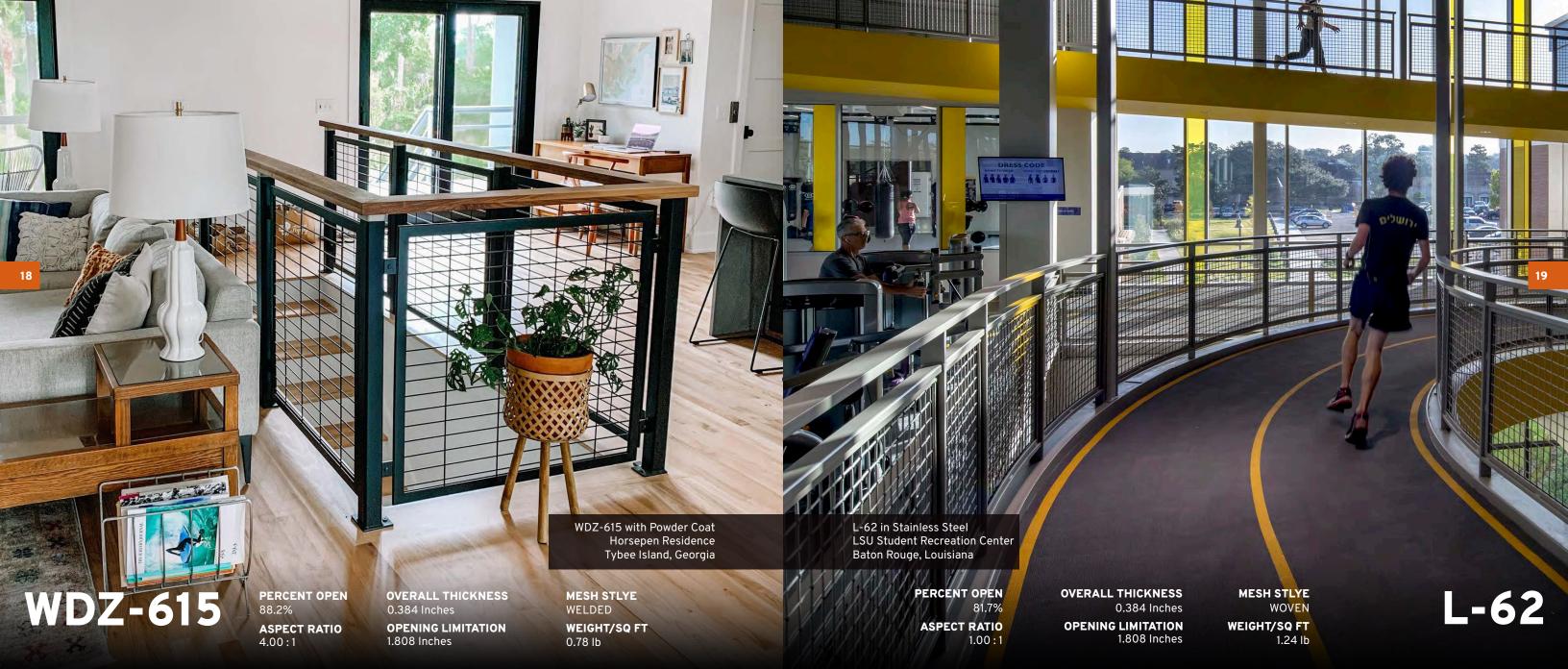
Banker is able to offer reliable wire mesh for railing infill panels that is as sturdy as they are eye-catching. Choose from thousands of woven or welded wire mesh patterns that can be customized to fit your vision. With additional fabrication and system options, your infill panels can reach you ready to install. From educational and cultural settings to residences and businesses, wire mesh is a classic addition to architecture and interior design.

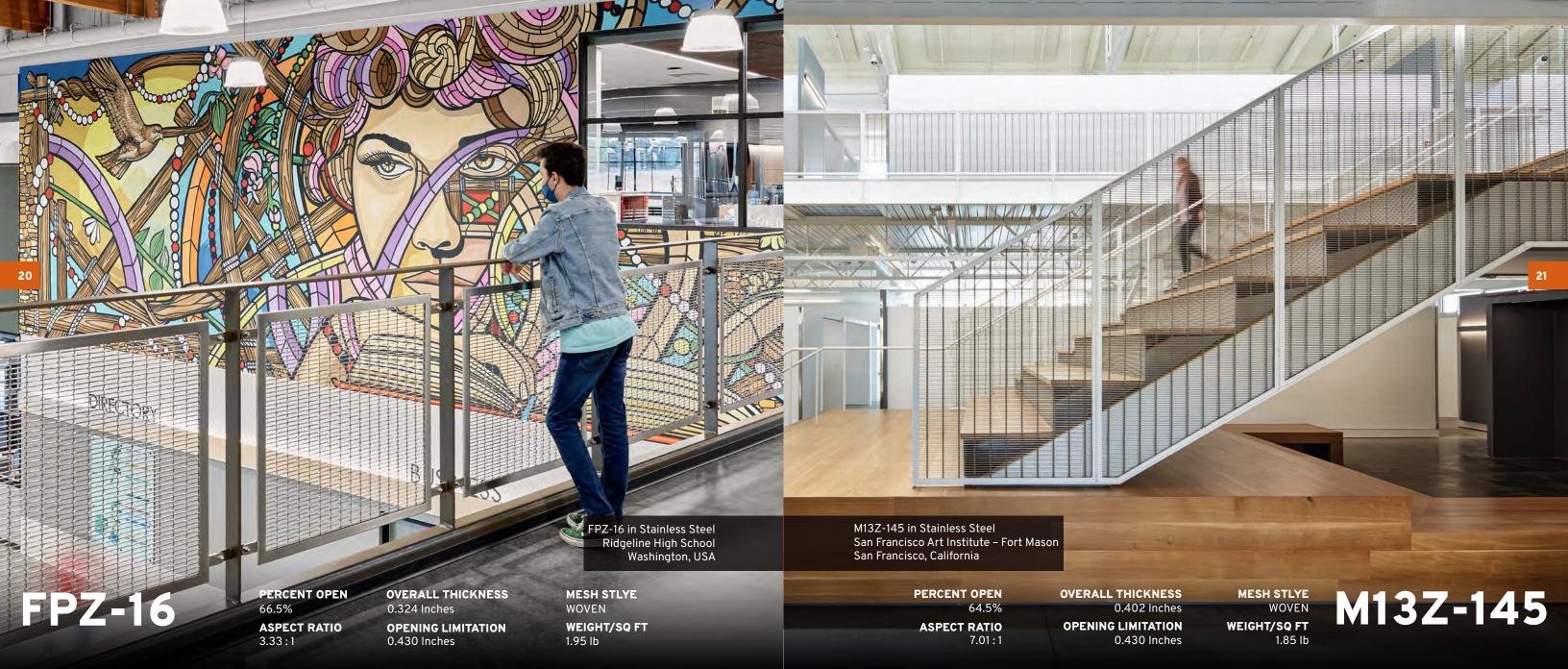
STAIRS, BALCONIES, PATHWAYS, AND MORE

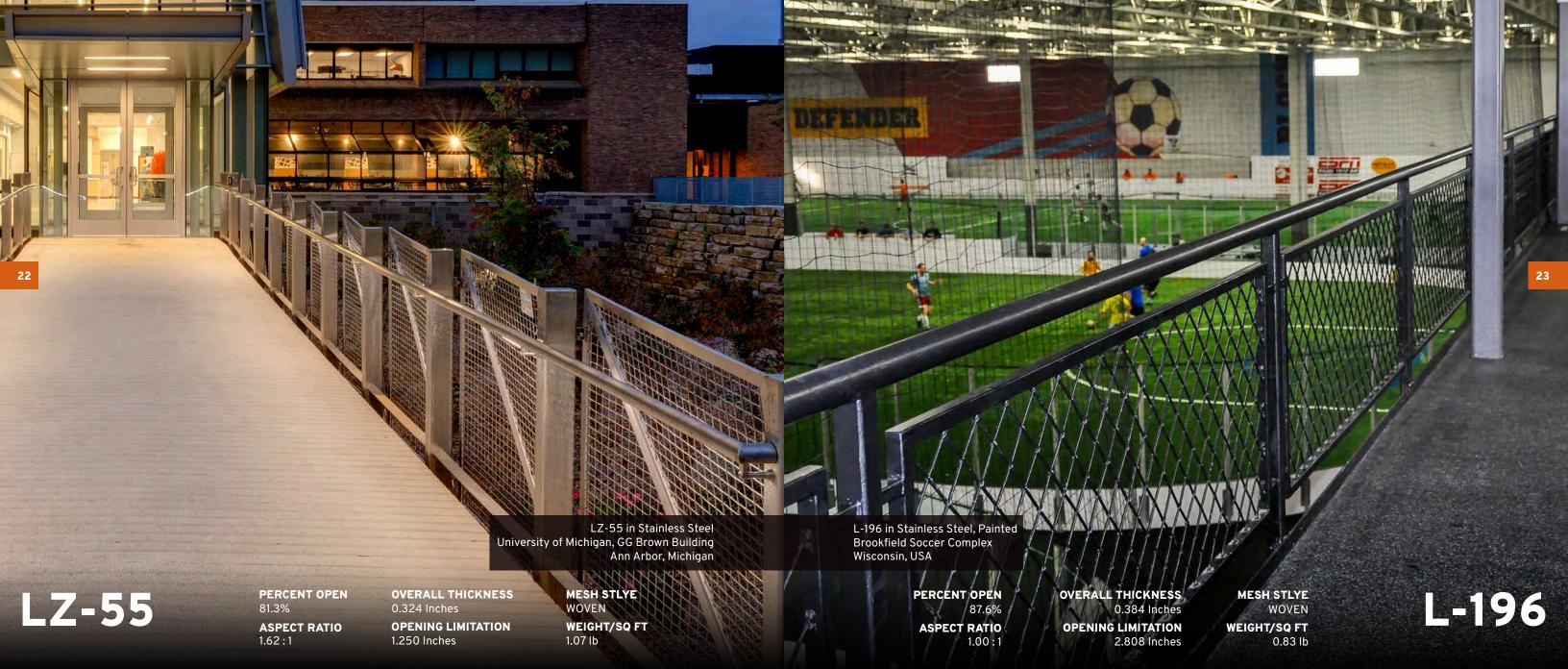
No matter where you are, chances are high that there are railings nearby. Lining stairwells, surrounding balconies, edging pathways, bordering bridges, encircling patios, and more, railings can be found extensively in architecture. The simple concept of a low height barrier is adaptable to suit a variety of needs. When paired with wire mesh railing infill panels, the construction becomes equally beautiful and functional, offering deterrence, fall protection, space division, and more while also adding timeless elements to a design.

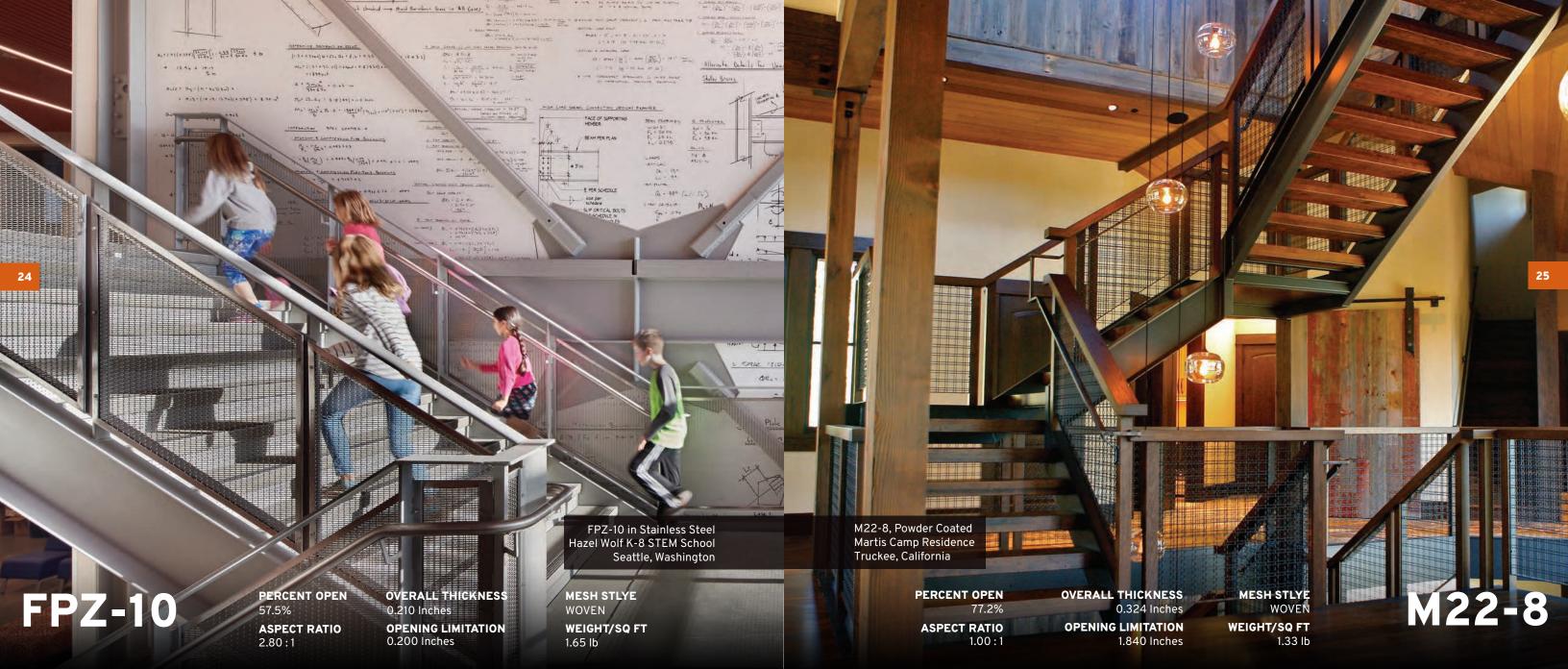
PROJECT PHOTOGRAPHY

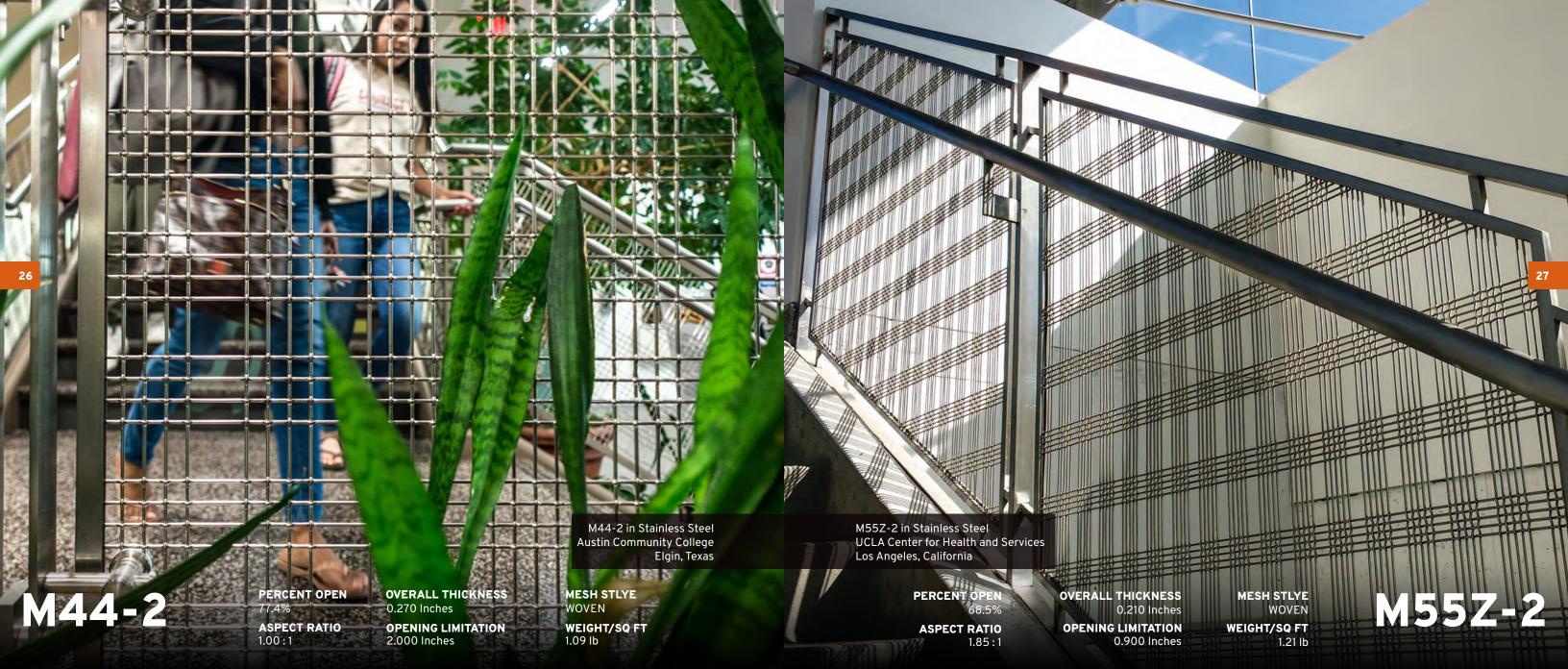
Pikes Peak - Colorado, USA LZ-79 as Exterior Rail<u>ings</u>



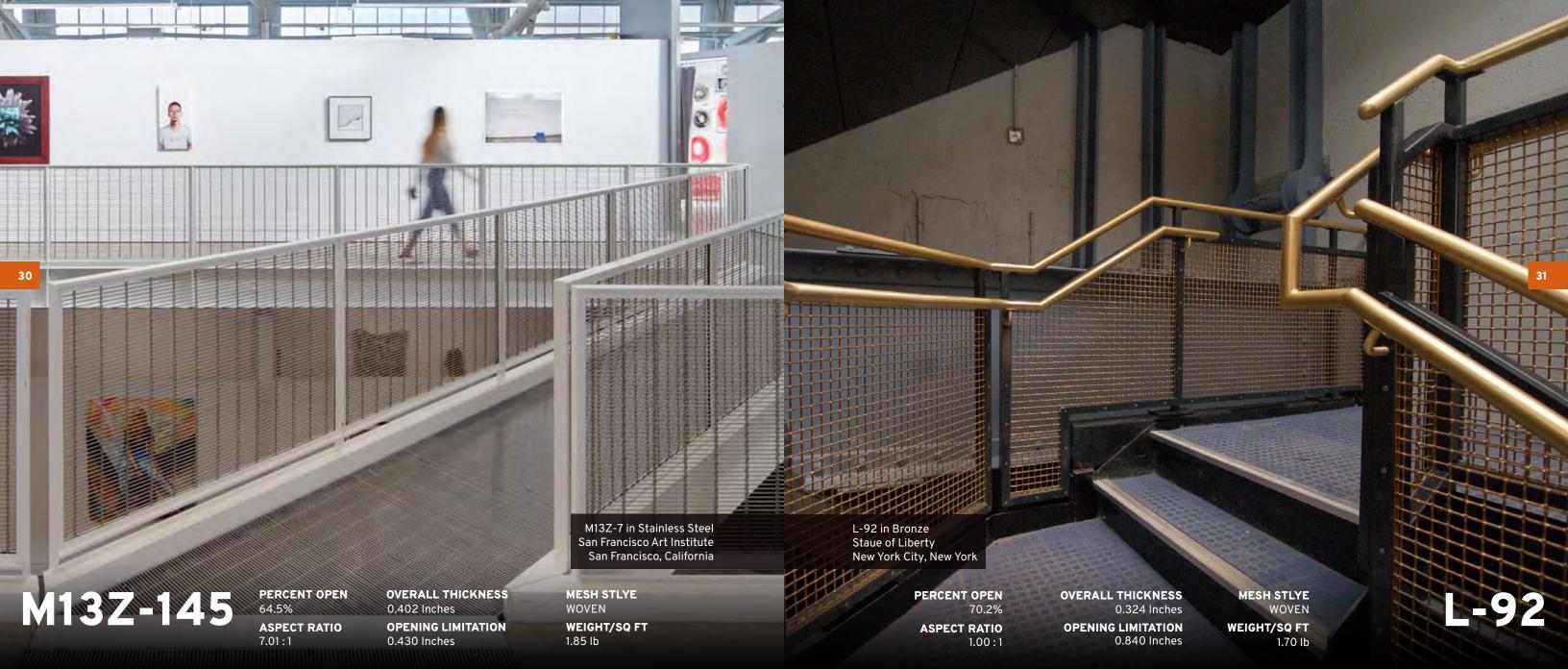


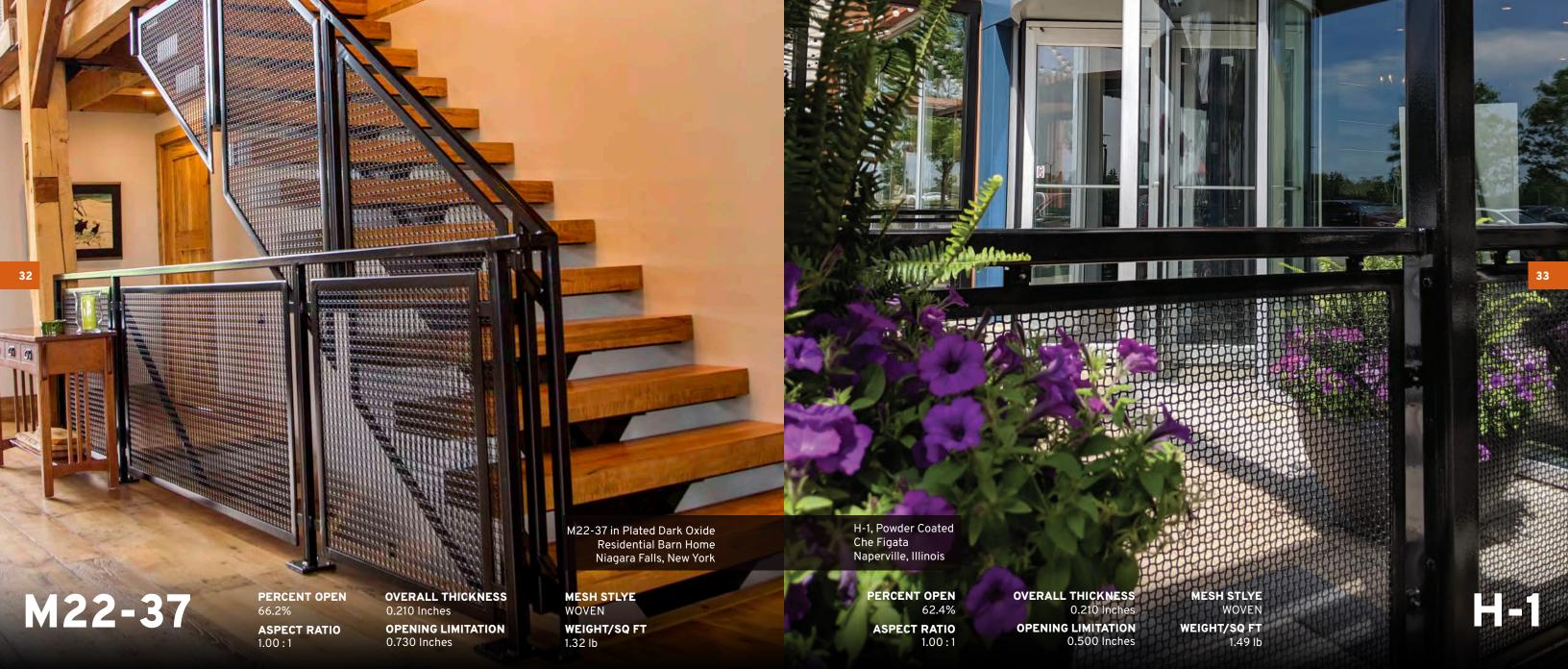


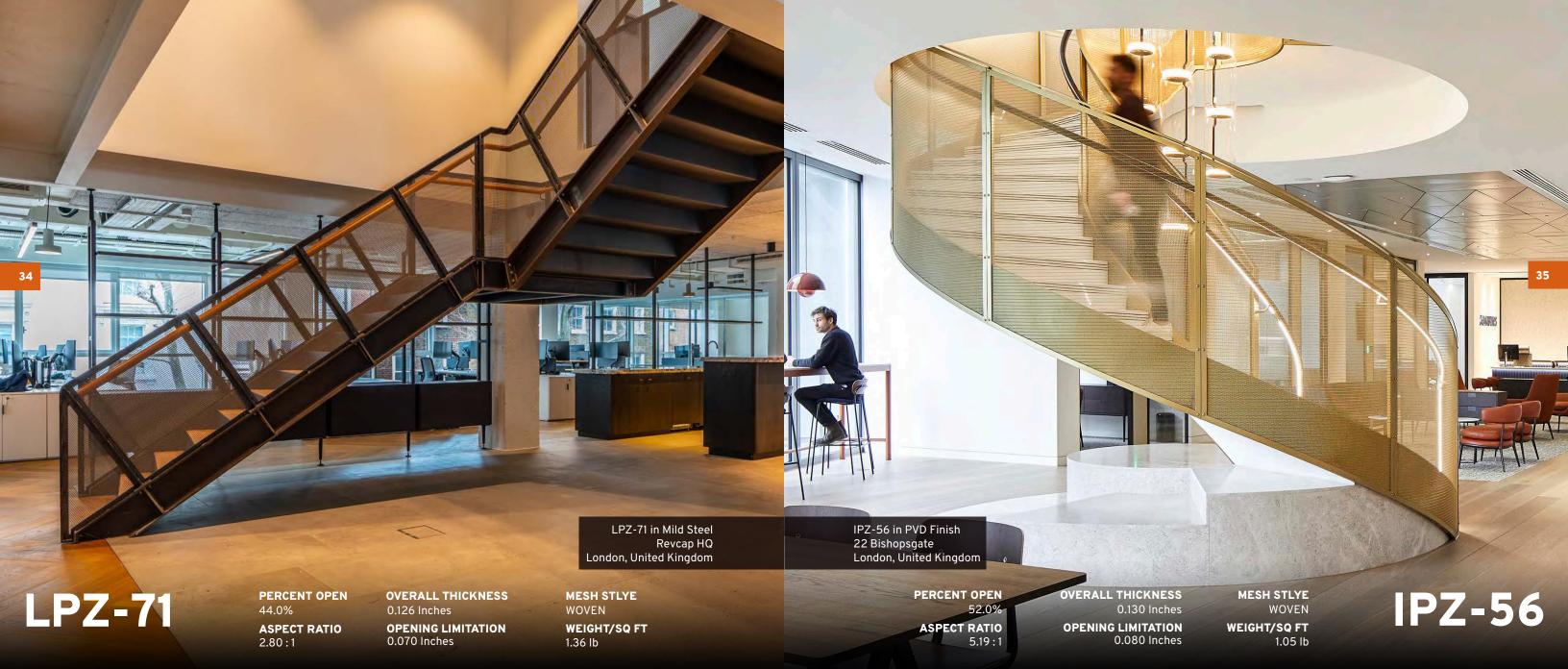














FENCES & ENCLOSURES

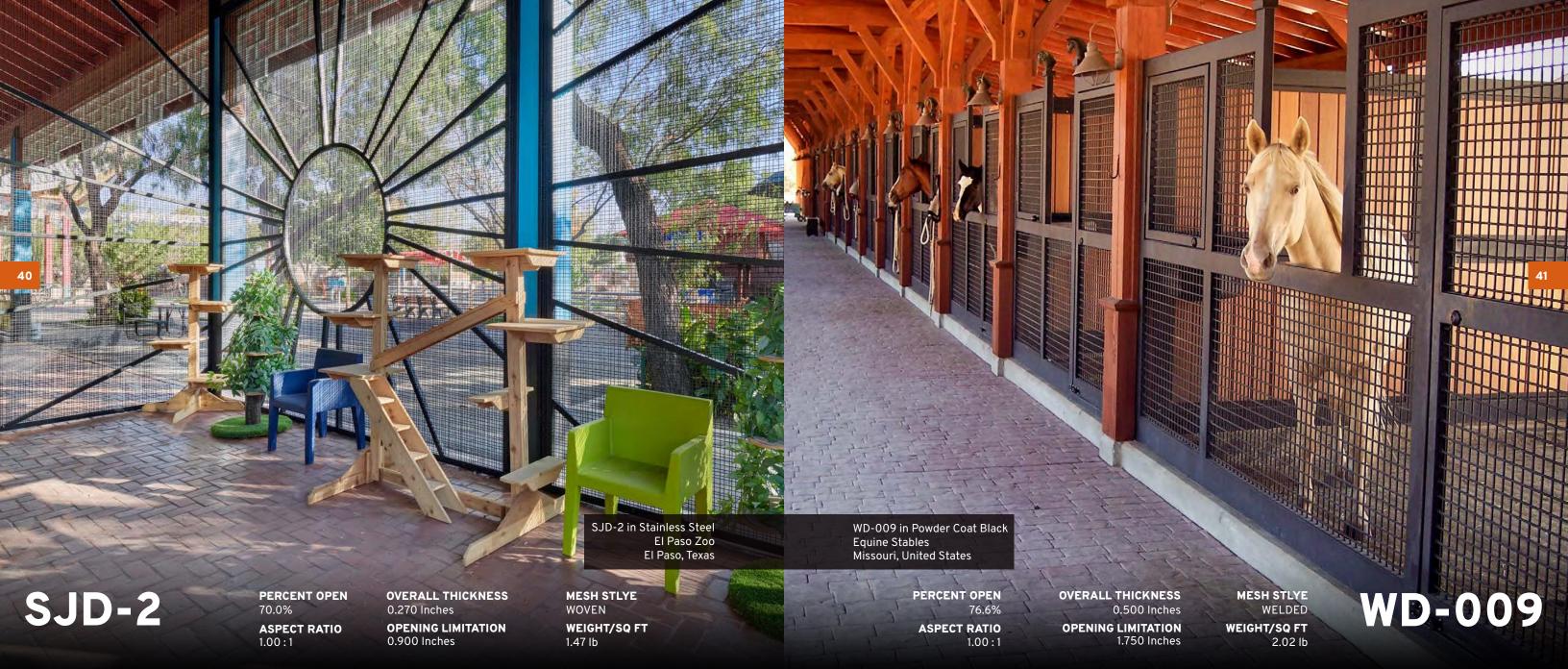
Using wire mesh for enclosures and fencing is a very practical way to separate, secure, and define spaces for both interior and exterior applications. Full-height mesh walls provide effective deterrents to protect areas from entry or prevent movement through unsafe areas. Incorporating wire mesh into the design of fencing and enclosures offers a unique advantage over other materials. While the strong woven or welded patterns are durable enough to stand up to high traffic and heavy wear and tear, the customizable open area of Banker's wire mesh allows designers the benefits of visibility and unobstructed natural elements.

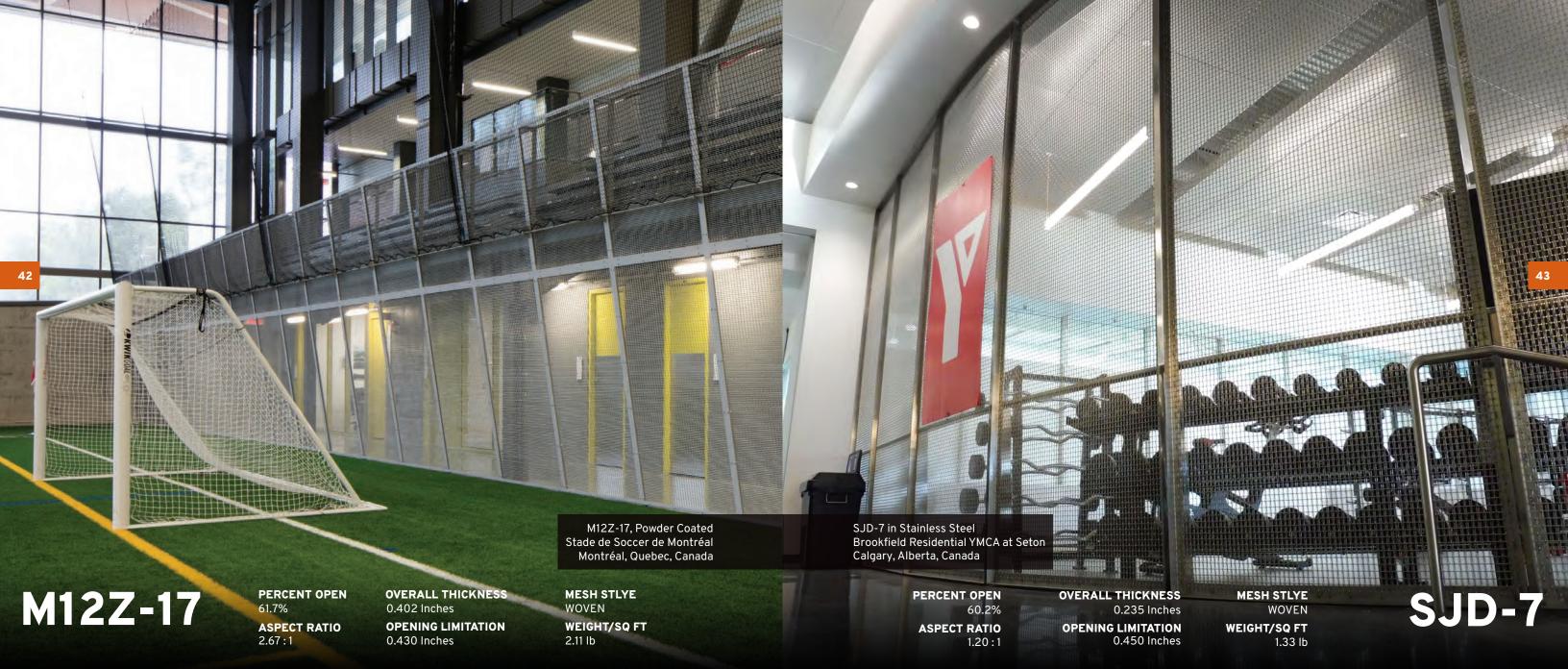
INSIDE AND OUT

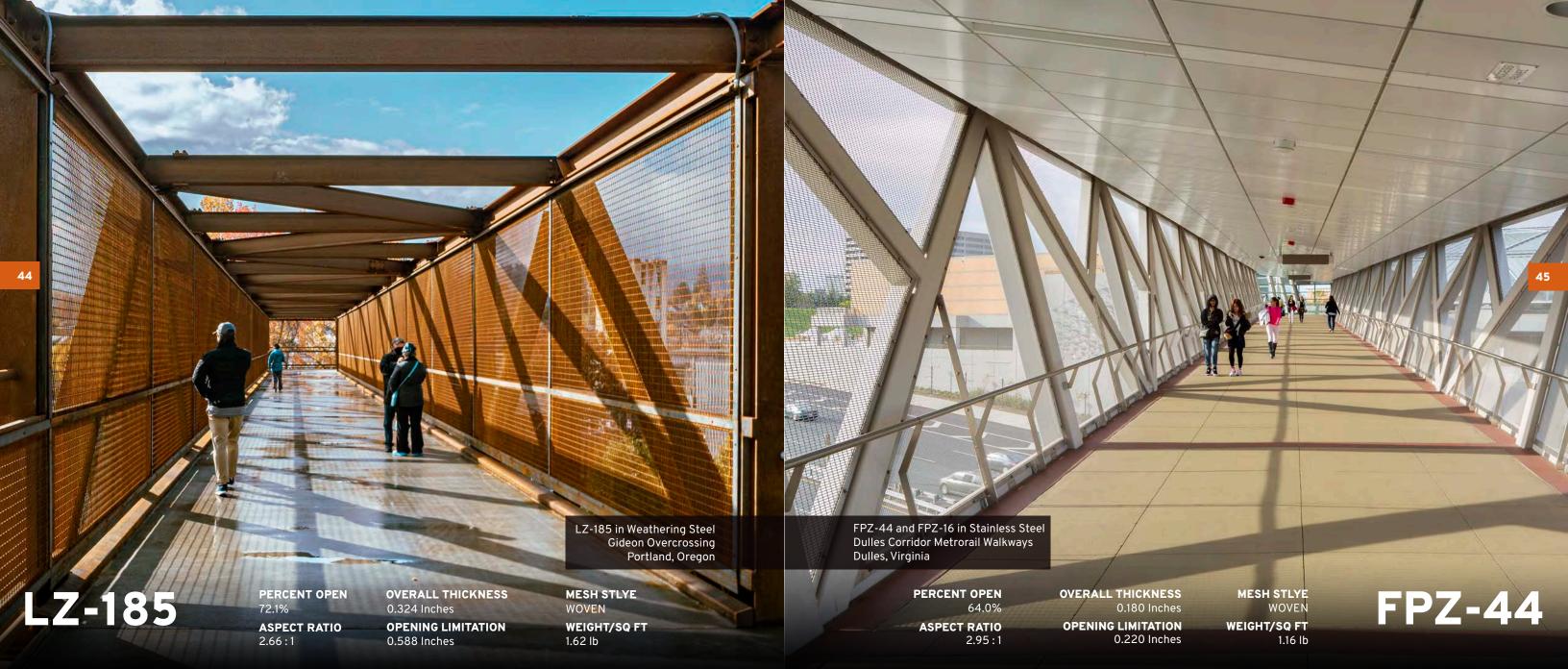
At first, it may seem like wire mesh enclosures and fencing belong in an exterior category. Many patterns are simple and practical with large openings. These patterns lend themselves well to property fencing, bridge enclosures, gates, and more heavy duty exterior uses. Durable materials like stainless steel or weathering steel are ideal for this kind of application and both develop a protective coating that can stand up to tough climates and natural wear. In addition, the high percentage of openness of wire mesh provide unrestricted access to natural elements like sunlight and fresh air. This characteristic allows exterior enclosures to be secure without being stifling. With a broad selection of products and a range of available materials and finishes, Banker also provides materials for interior enclosures that can utilize an even larger spectrum of wire mesh.

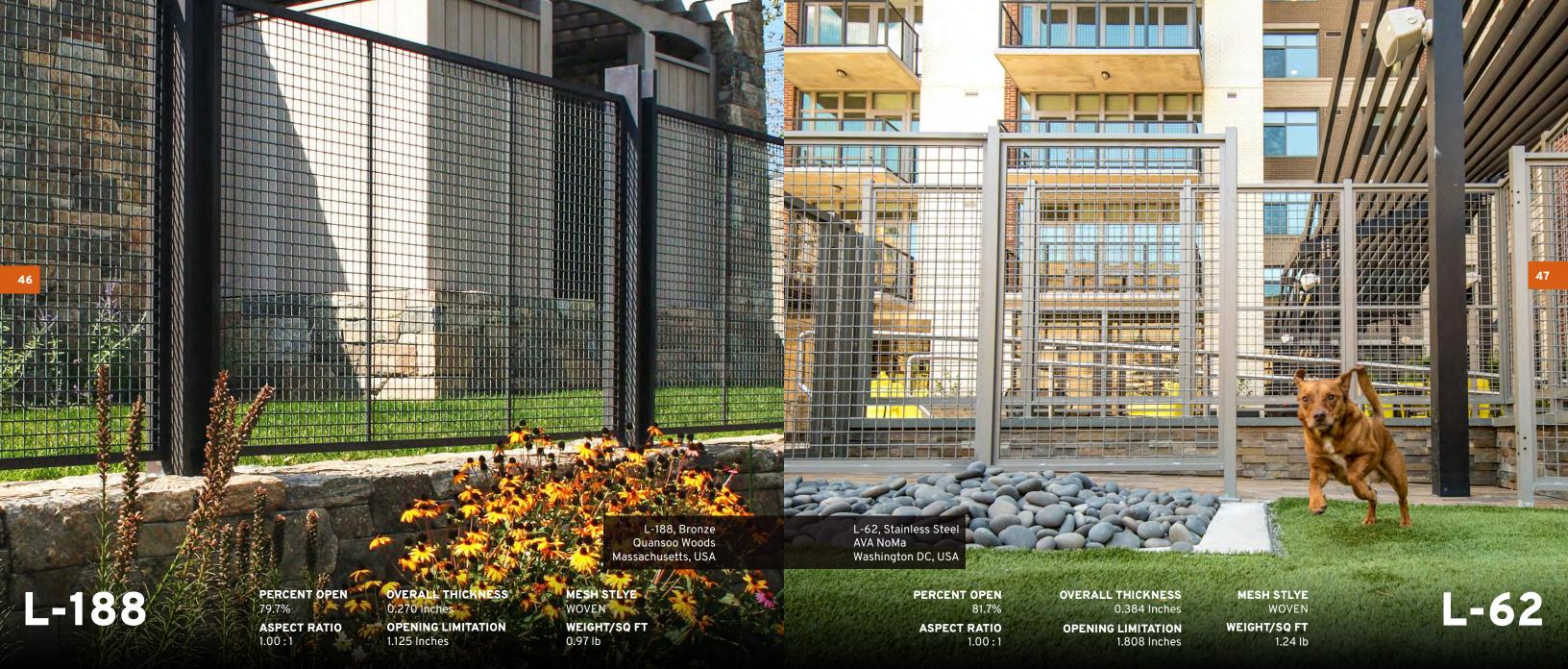
PROJECT PHOTOGRAPHY

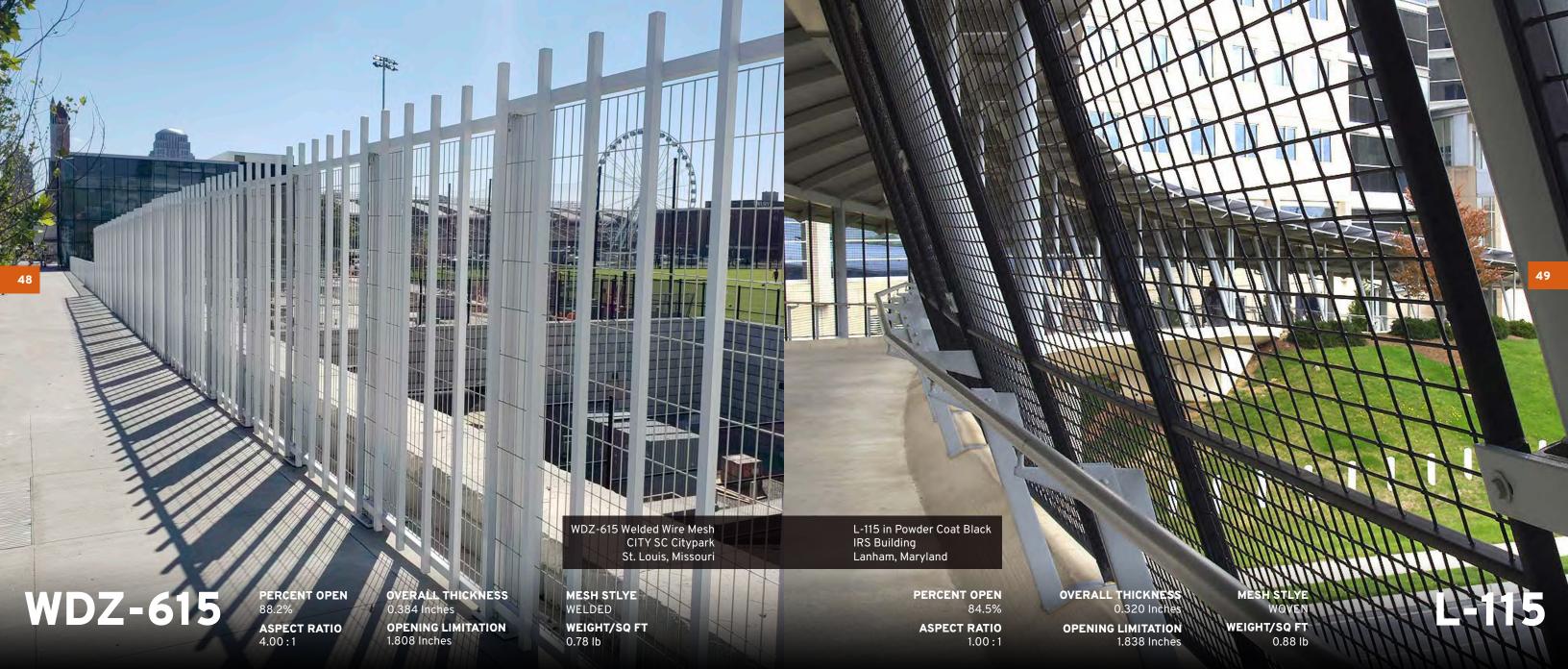
M13Z-146 in Stainless Steel Mockingbird Pedestrian Bridge Dallas, Texas

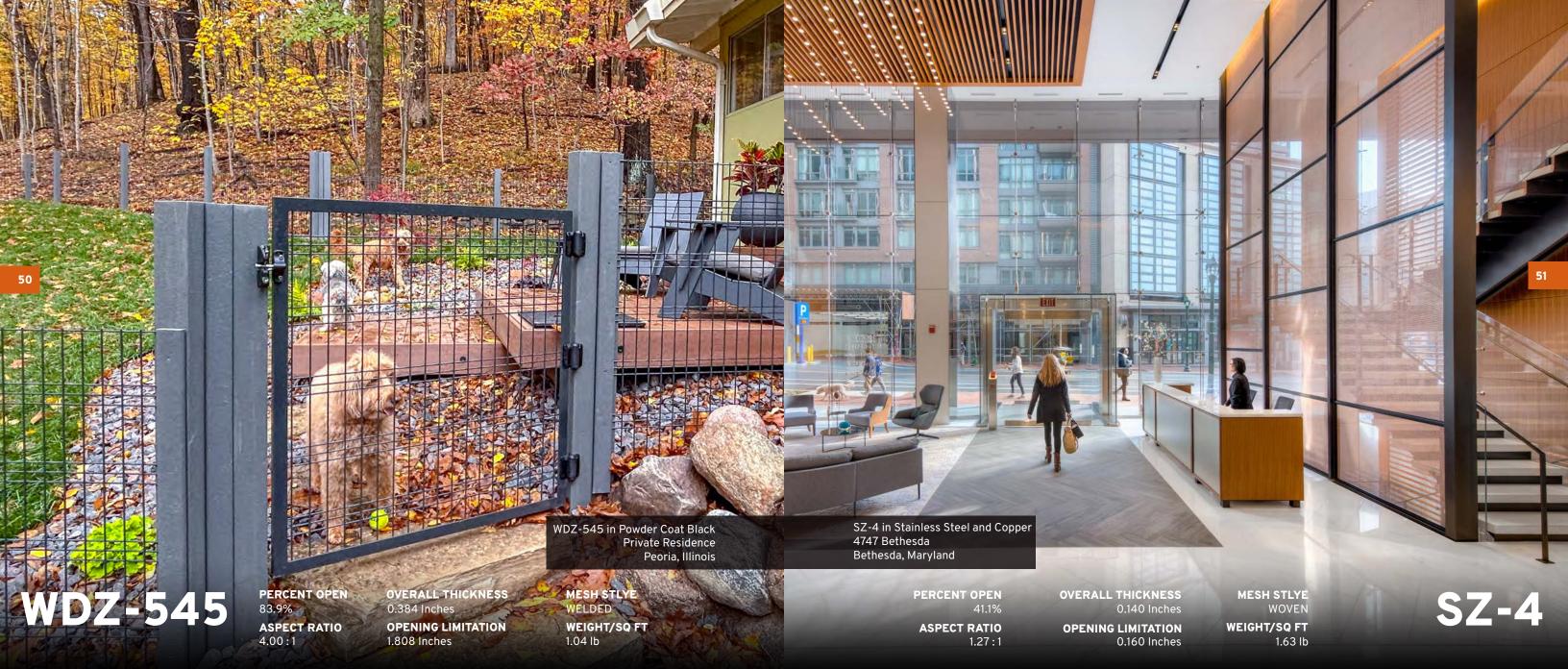














CABINETRY & FURNITURE

Decorative wire mesh for cabinets and furniture is a timeless way to incorporate industrial accents into a modern space. Woven wire can bring a unique aesthetic to cabinetry and furniture in restaurant and residential interiors by bringing a focus to the textured piece. Metal mesh also allows light to pass through and offers a filtering view of the contents within.

Banker Wire's architectural woven wire meshes are available in a variety of materials and finishes. The metallic tones of raw materials fit with any style or color surrounding. Finishes such as plating and powder coating introduce a variety of color and design possibilities. This provides customers with the most options possible.

REFRESH YOUR DECOR

Using wire mesh in cabinetry and furniture is a visually intriguing way to elevate interior designs. Banker's wide range of patterns and colors offer a mesh to suit every design style, from subtle accents to bold statement pieces. When combined with woodwork and other natural materials, the adaptability of wire mesh brings the best of both to life. Architects, interior designers, and bespoke craftsmen alike are incorporating wire mesh into designs to harness the timeless feeling it provides.

Architectural wire mesh provides a semi-transparent covering to allow filtered viewing of the contents of cabinets and shelves, while also allowing light to pass through. Different densities and finishes of mesh patterns can also provide a light reflecting texture to add to the décor..

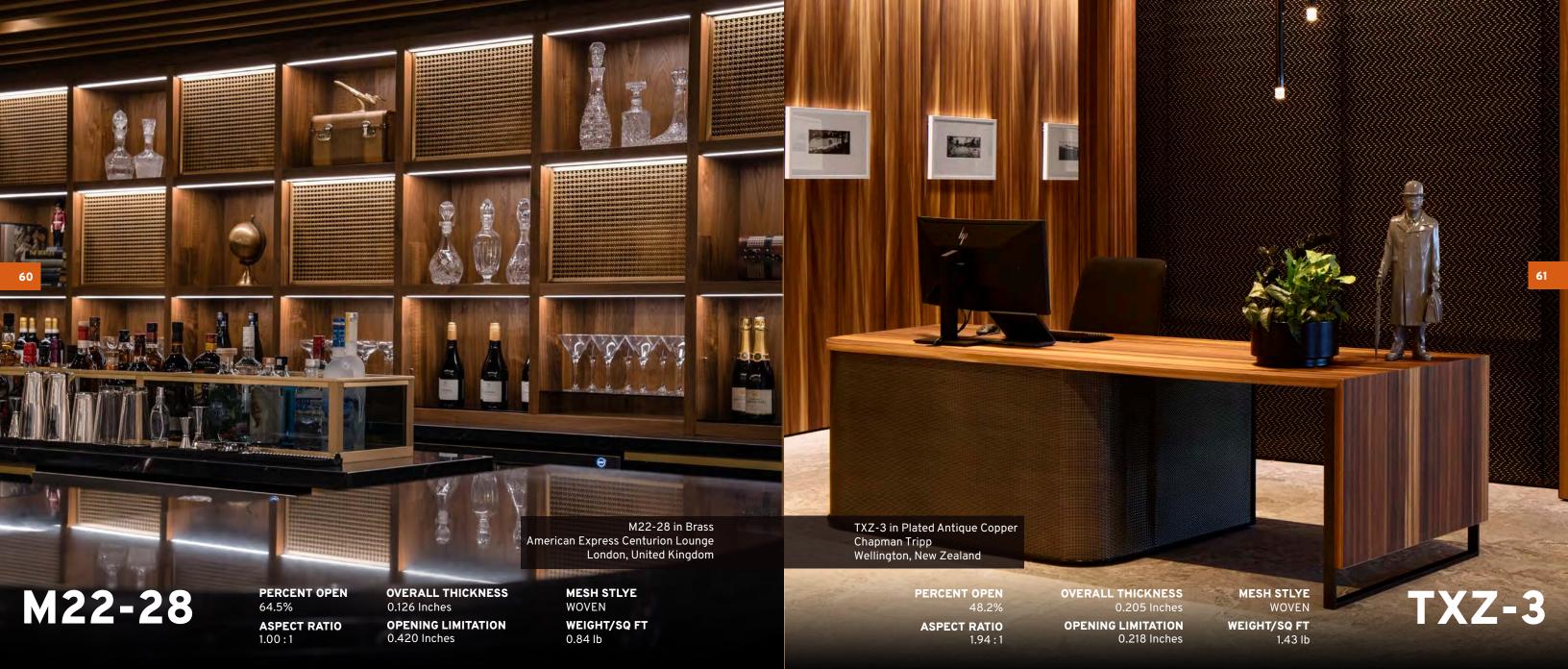
PROJECT PHOTOGRAPHY

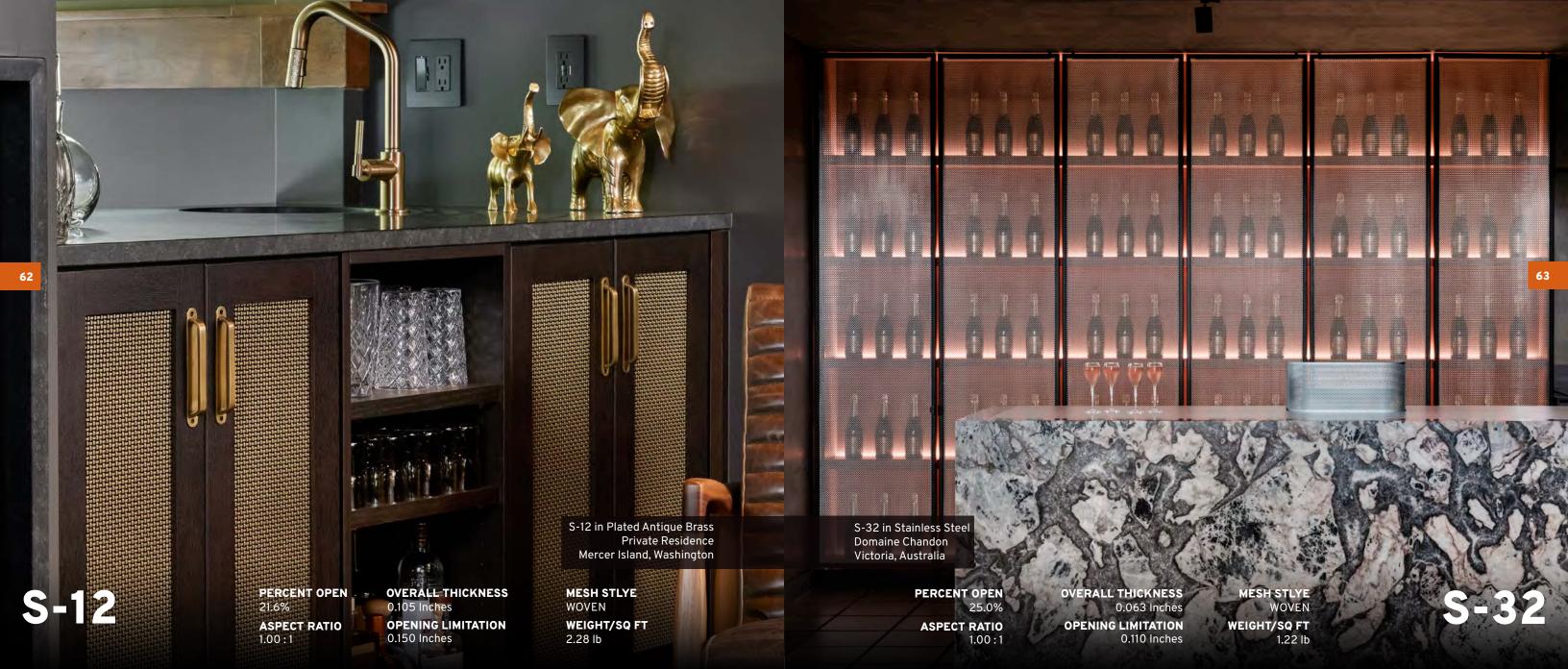
M22-37 in Plain Steel Rennaissance Atlanta Airport Gateway Hotel Atlanta, Georgia

















FACADES & PARKING GARAGES

Wire mesh for facades and exterior cladding are effective ways to blend form and function. The customizable open area of wire mesh offers unrestricted ventilation and access to natural light with varying degrees of solar shading, while the durable materials provide security for open structures. Though rugged, the timeless spirit of wire mesh adds classic design features to architecture. Office buildings, parking garages, sports arenas, and more take advantage of these qualities, maximizing the benefits that come from natural elements while decorating the building's exterior.

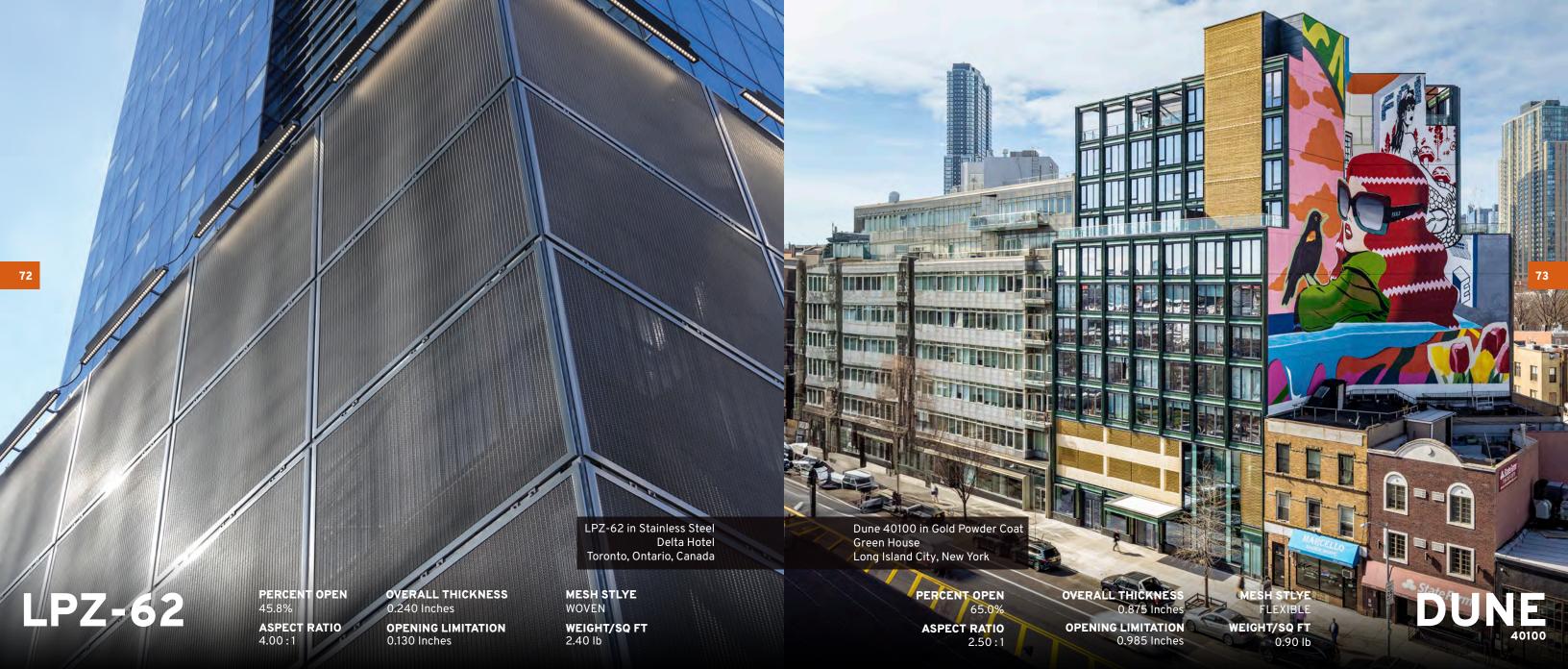
RIGID OR FLEXIBLE

Available in both Rigid and Flexible patterns, each option has many benefits and can be tailored to suit your needs. Rigid Mesh uses a panelized approach, easily securing building openings and attaching to supporting structures as a facade. Flexible Mesh is available in extreme widths and lengths, creating uninterrupted expanses of material without the need for vertical supports.

PROJECT PHOTOGRAPHY

M13Z-145 in Stainless Steel University of Alabama Huntsville Huntsville, Alabama









CEILINGS, CANOPIES & LIGHTING

Wire mesh patterns and textures are a timeless way to incorporate industrial accents into modern interior design. Woven wire mesh brings a luxurious and unique aesthetic to hospitality, retail, and restaurant design that enhances the customer experience. Wire mesh ceilings, canopies and lighting can create texture and transparency that can control light diffusion and reflectivity.

Banker Wire's architectural wire mesh patterns are available in various materials and finishes, including brass, bronze, or stainless steel. The metallic tones of the many raw materials available will suit any style or color surrounding. Secondary finishes such as decorative plating and powder coating introduce additional color and design possibilities. As a result, Banker can provide customers with countless customization options.

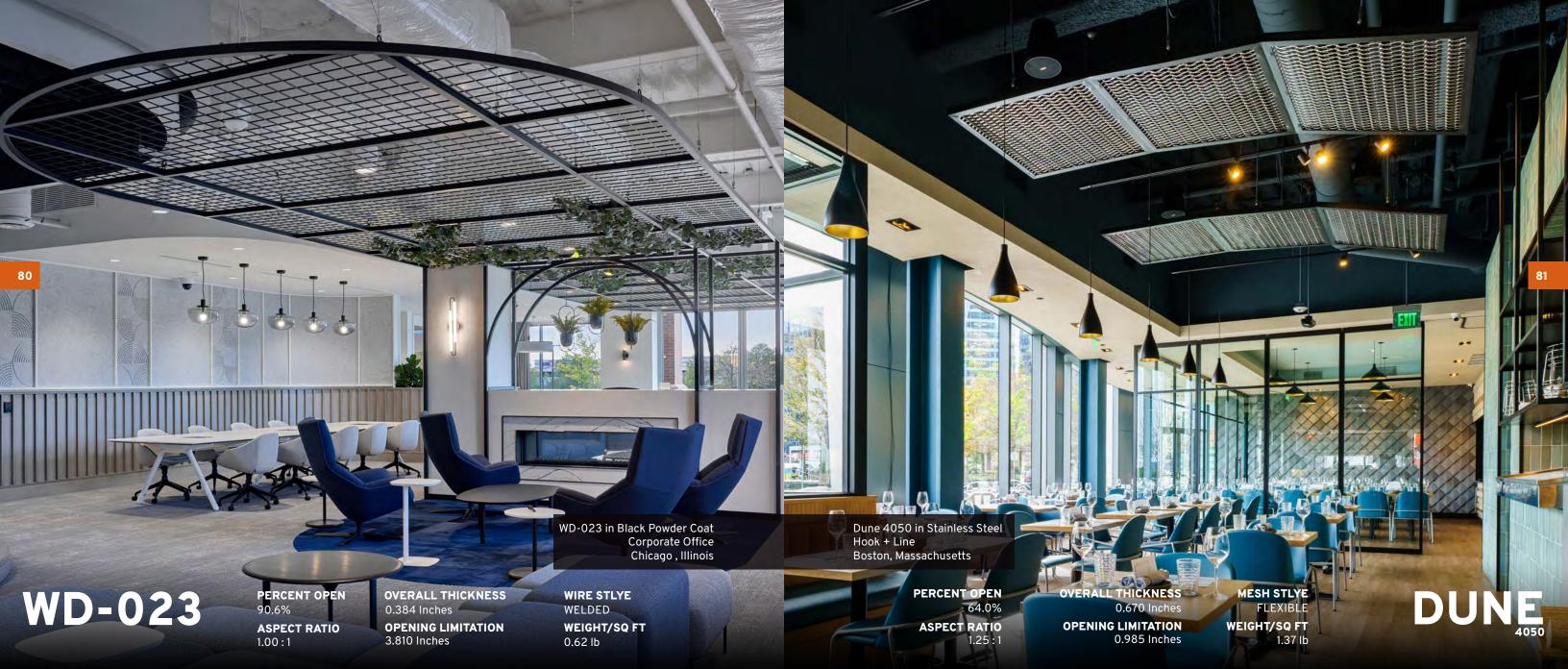
RIGID OR FLEXIBLE

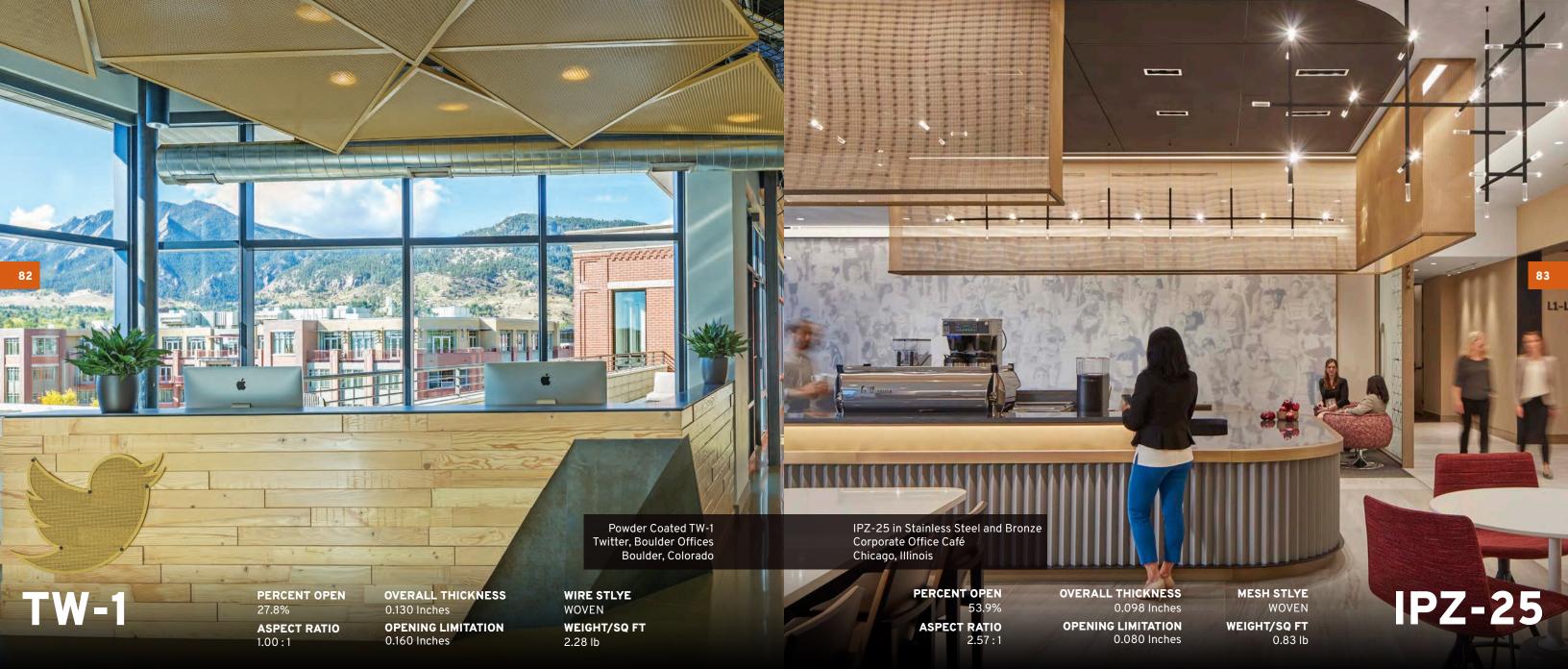
Several design styles can be considered when integrating wire mesh into interior designs. Using wire mesh near lighting fixtures can reflect the light to help brighten the room. The mesh can compliment a modern or rustic decorative palate when used as a lampshade. Woven Wire Mesh used near windows or as a space divider allows light to pass through while still providing a sense of privacy.

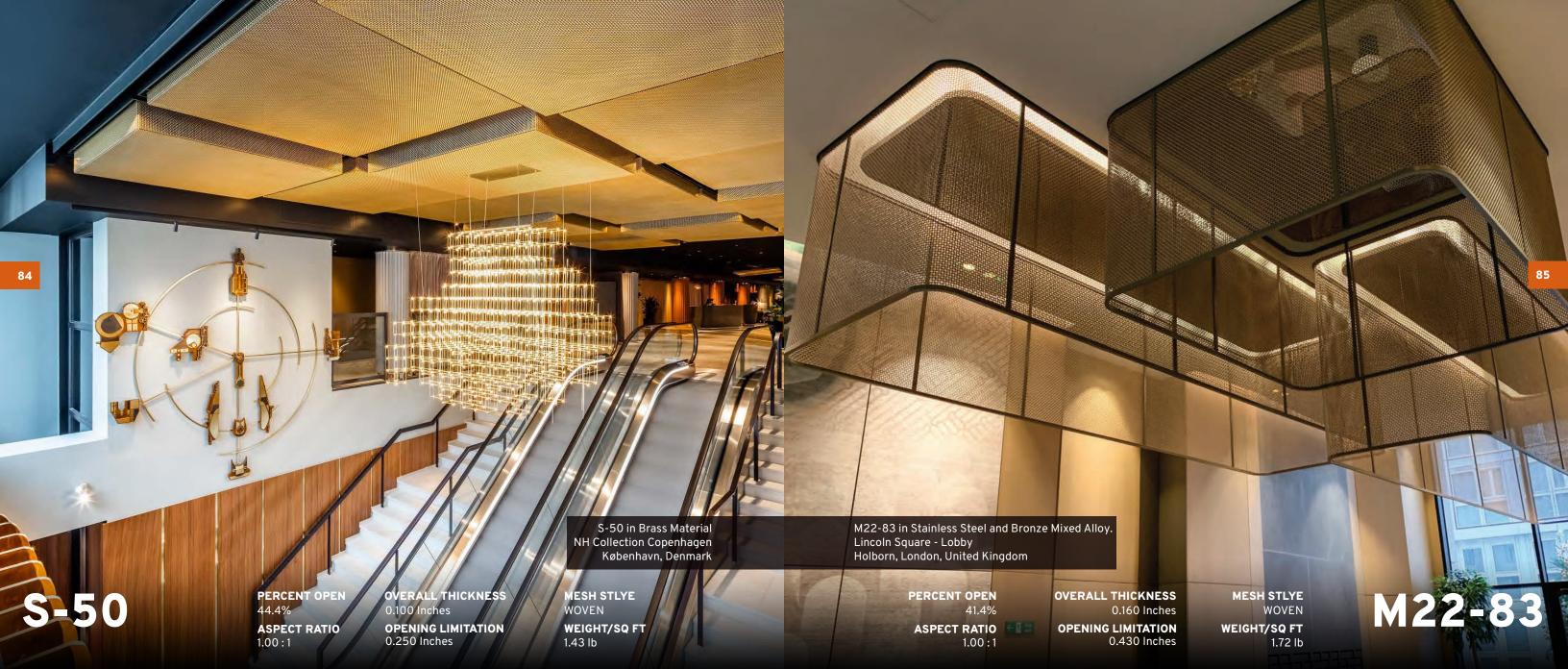
PROJECT PHOTOGRAPHY

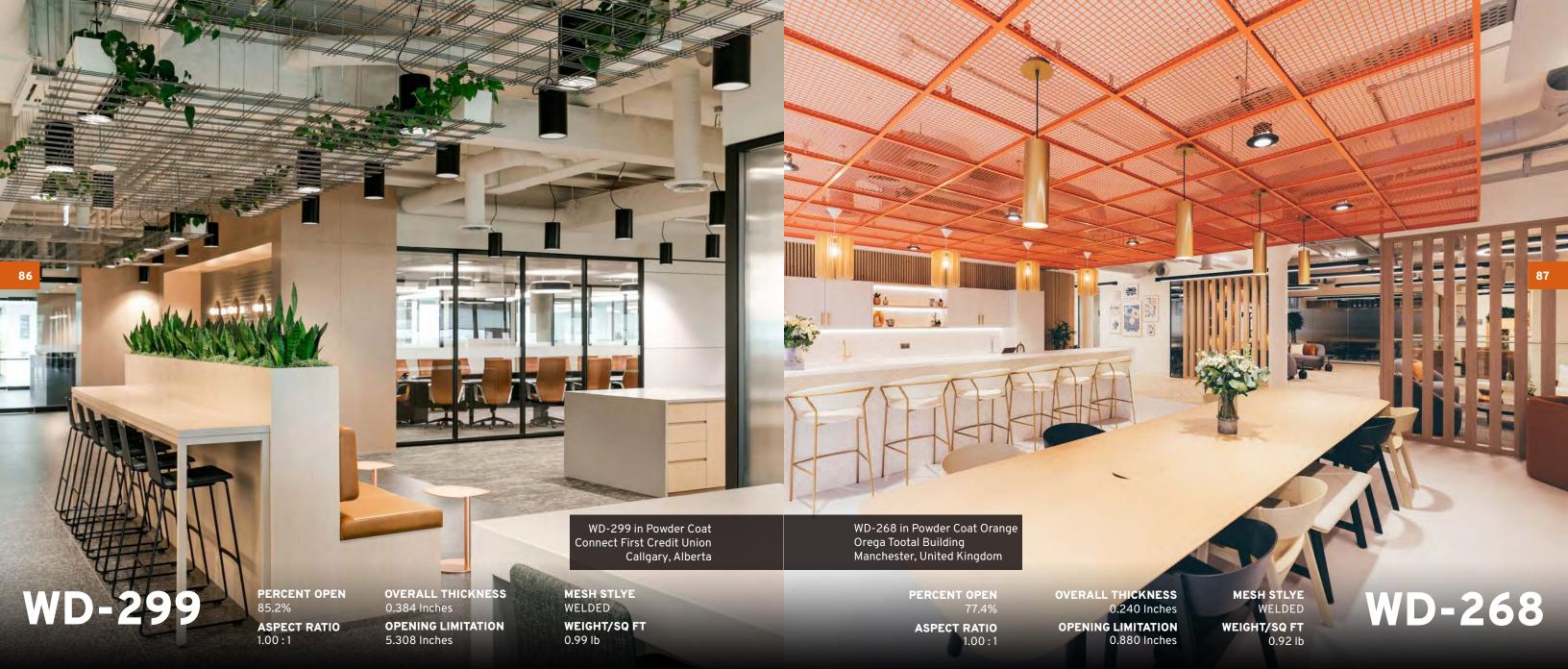
SZ-4 in Stainless Steel & Brass Corporate Office Building Little Rock, Arkansas















- WIRE MESH FOR **DISPLAYS &**

Wire mesh space dividers are the perfect solution for designs where separation does not demand seclusion. There are many reasons to partition a space: room definition, ambiance, privacy, and more. Banker's wire mesh offers the unique ability to establish distinct zones within an open area without the need to completely close them off from their surroundings. With patterns ranging from fully opaque to over 85% open, wire mesh space dividers can be as obstructing or as transparent as the designer requires. This can help provide a sense of intimacy in open rooms like

Using wire mesh for displays is equally useful for defining an area of focus for retail products. With the versatility of wire mesh, you can create subtle backdrops that put the focus on the featured display piece or create bold designs that will accentuate and enhance the items on display. Whether you choose simple or ornate patterns, the texture, depth, and light interaction of wire mesh will draw the attention of anyone who sees it.

RIGID OR FLEXIBLE

The reflective metal mesh used in architectural interior design helps accentuate your organic materials, such as wood and countertops in your interior design. The highly faceted surface of the wire mesh both absorbs and reflects the colors of its surroundings, adding texture and depth to the striking design. In addition, the transparency of the wire mesh allows you to create the sense of a wall while allowing visibility through the material.

PROJECT PHOTOGRAPHY

SPZ-52 in Bronze Peak Restaurant New York City, New York

74.5% ASPECT RATIO

1.60:1

0.210 Inches **OPENING LIMITATION** 0.520 Inches

WOVEN WEIGHT/SQ FT

0.97 lb

M44-7 in Brass

Miami Beach, Florida

Private Residence - Pool House

PERCENT OPEN 46.3%

ASPECT RATIO 1.00:1

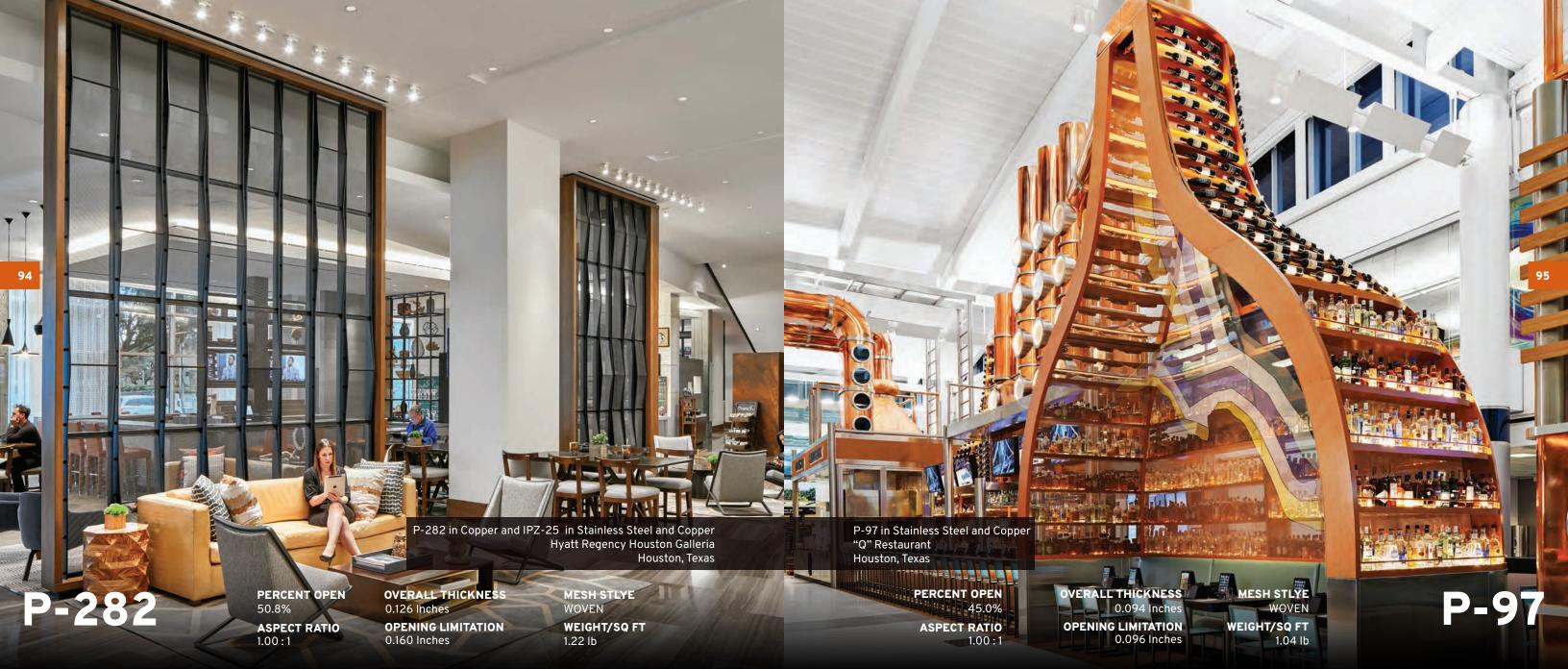
OVERALL THICKNESS 0.150 Inches

OPENING LIMITATION 0.350 Inches

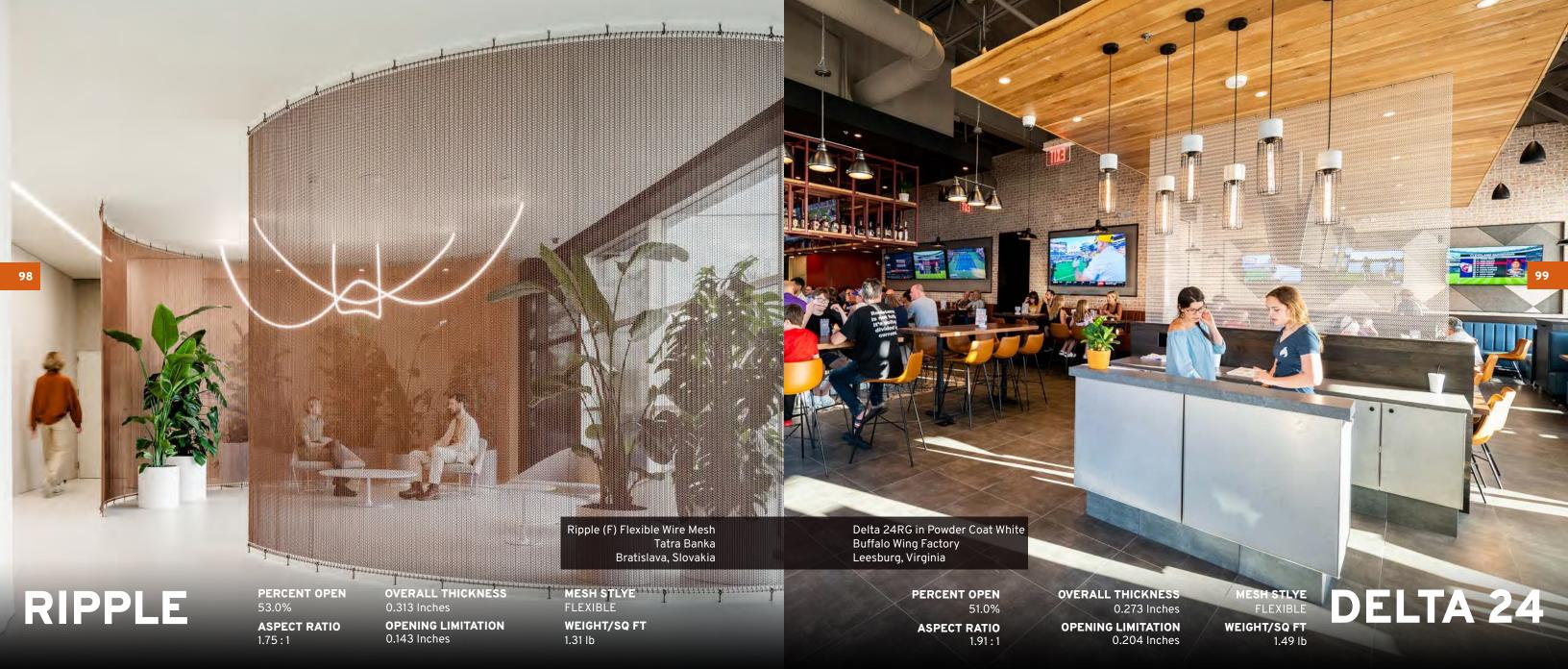
MESH STLYE WOVEN WEIGHT/SQ FT

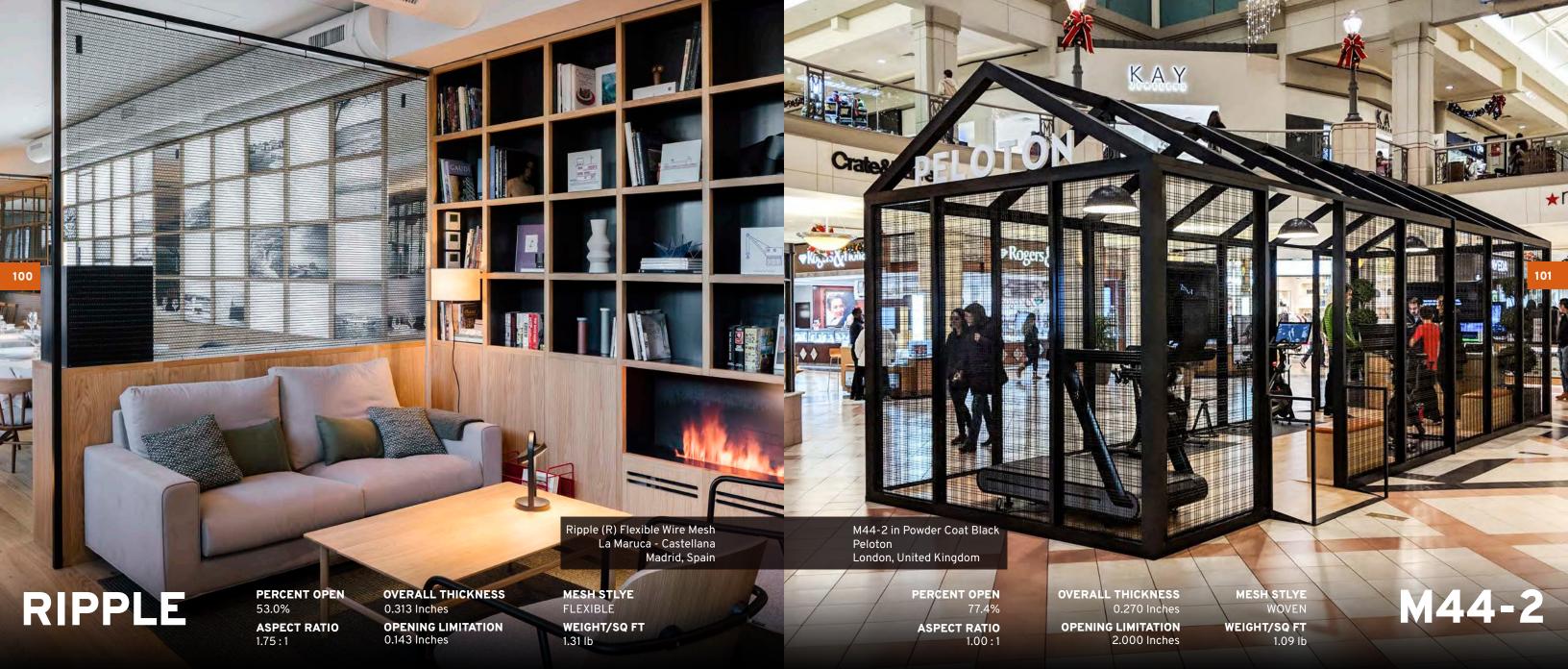
2.07 lb

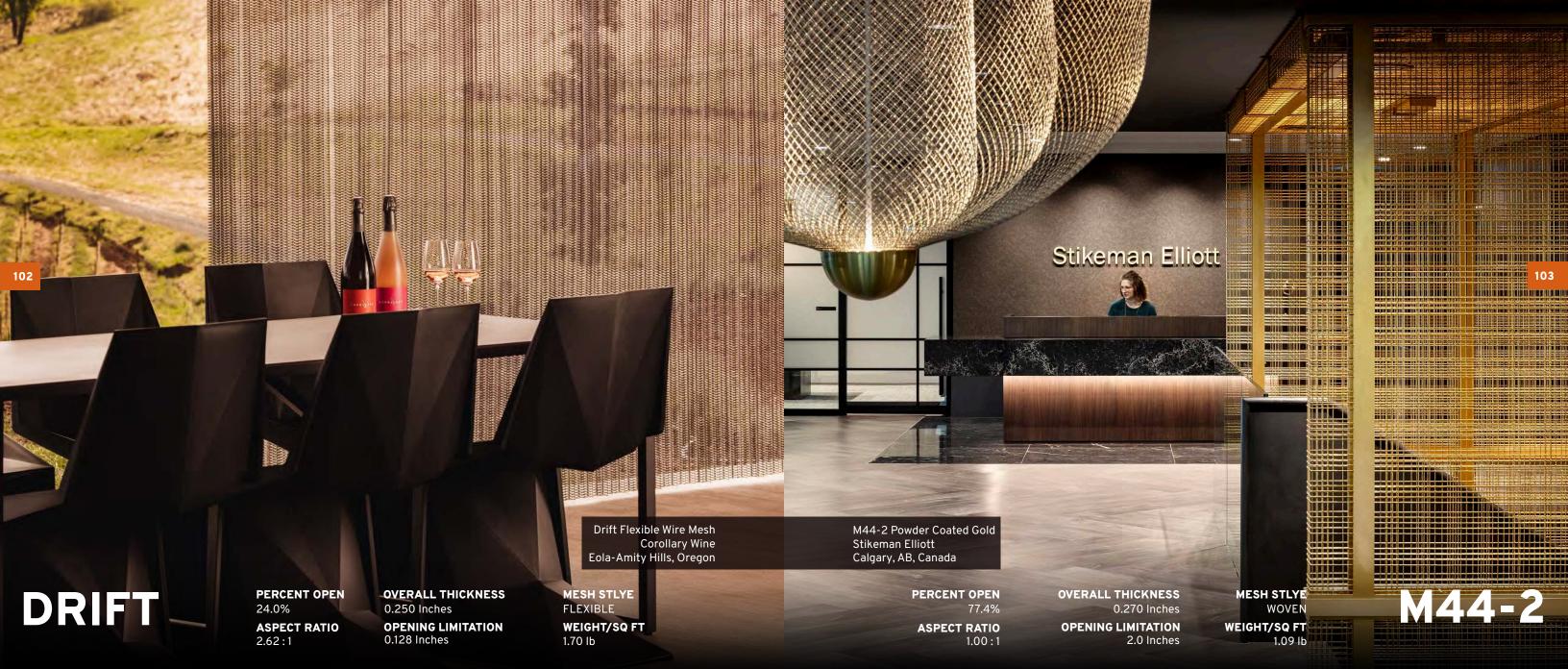
M22-43

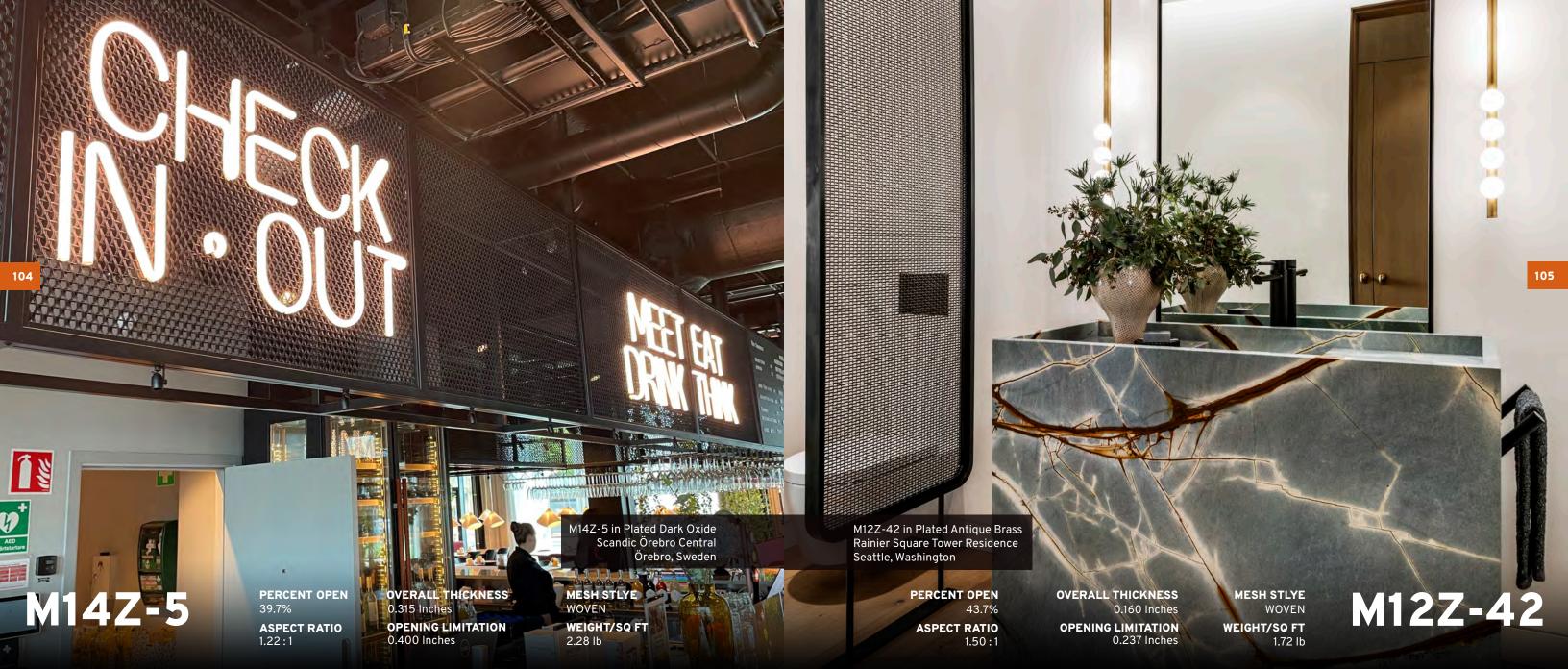


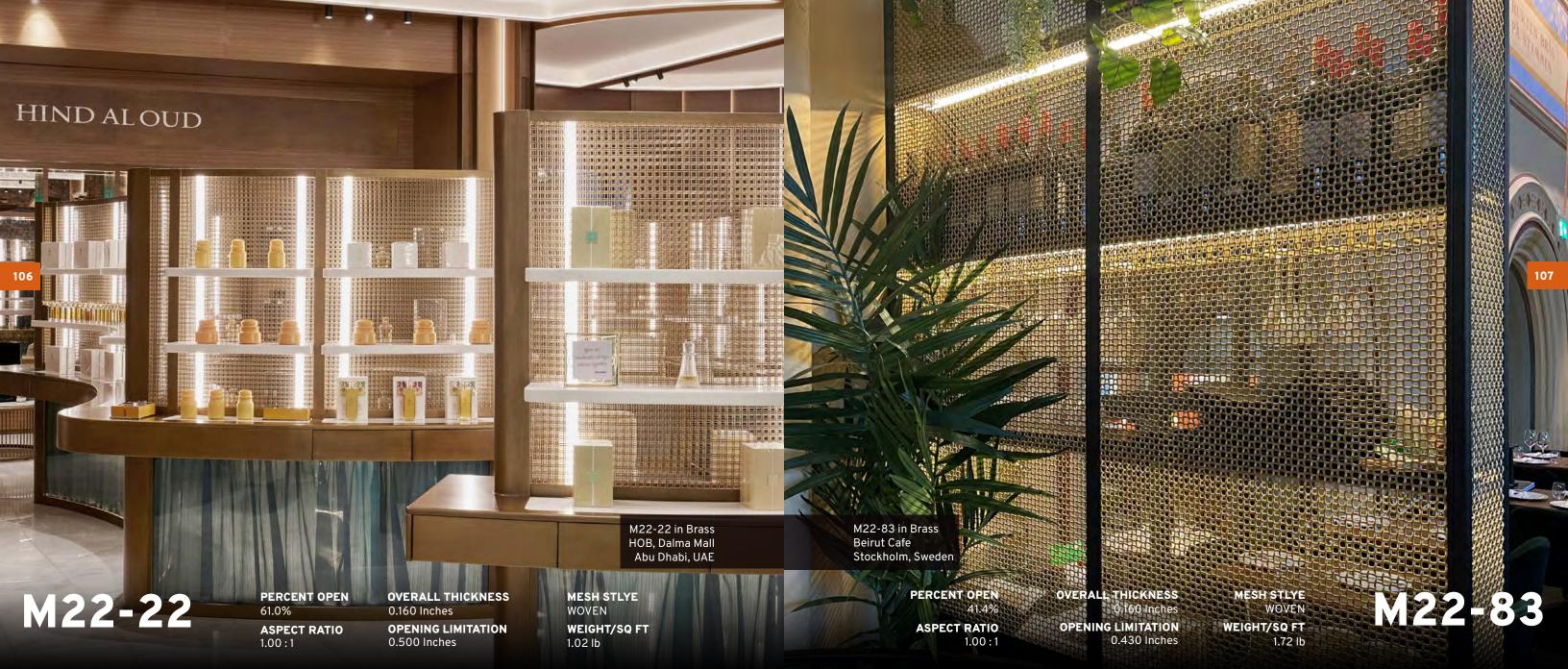


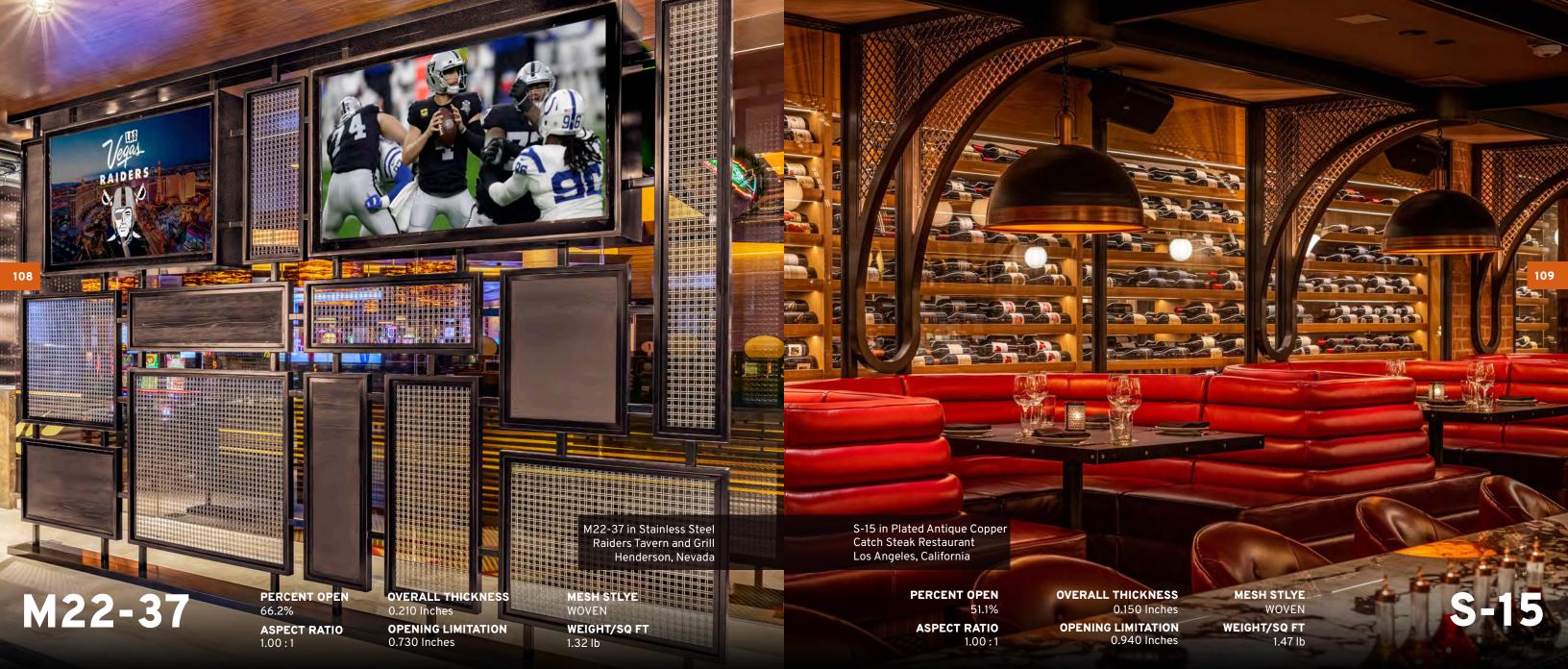














INTERIOR CLADDING

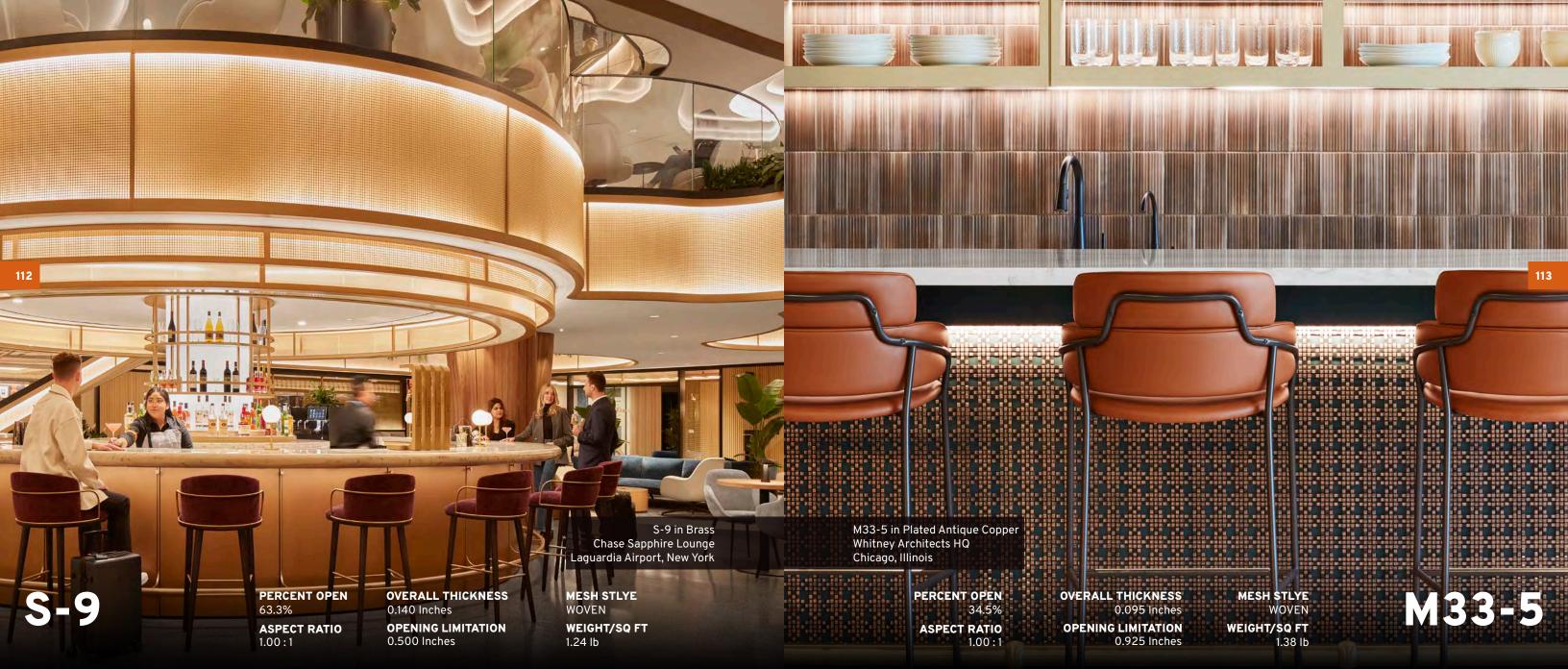
Choosing decorative metal wire mesh for interior cladding creates an unexpected statement in modern interior design. The aesthetic potential is limitless, offering everything from practical wall protection in high traffic areas (like elevators) to ornate decoration of columns in grand hotels. When wire mesh is used for wall coverings an interesting and unexpected texture is developed, which creates intricate designs and visually intriguing compositions. Paired with focused lighting, whether from above, behind, below, or head-on, the architectural quality metals interact with the light in captivating displays.

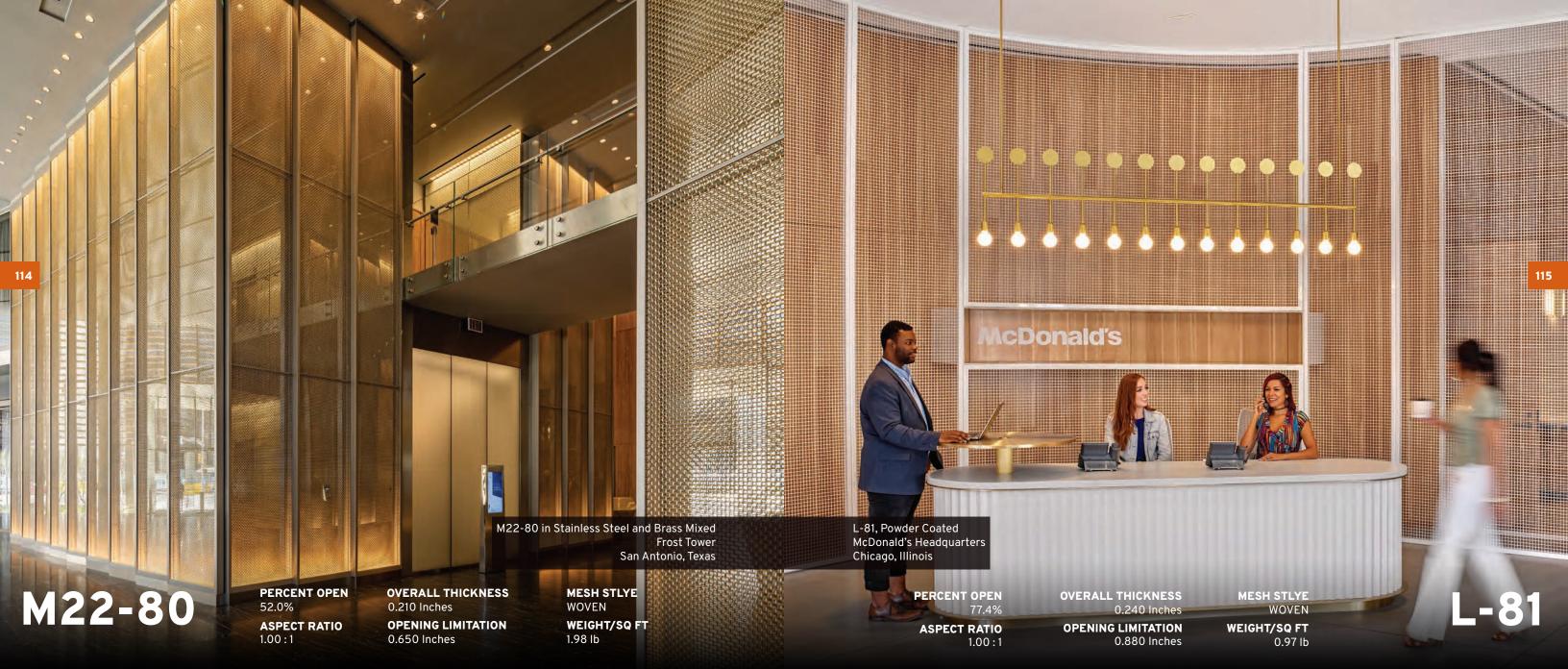
Banker's wire mesh is made with the highest quality materials to ensure a visually consistent appearance. Copper-based alloys like brass, bronze, and copper add warmth and color to a design, whereas stainless steel casts a cool, neutral tone. For further options, Banker offers the addition of secondary finishes like decorative plating, anodized aluminum, and powder coating to add extra splash of color and depth. With patterns ranging from fine screens to bold weaves, wire mesh interior cladding can create a soft, subtle backdrop, or command the attention of everyone in the room. The possibilities are endless.

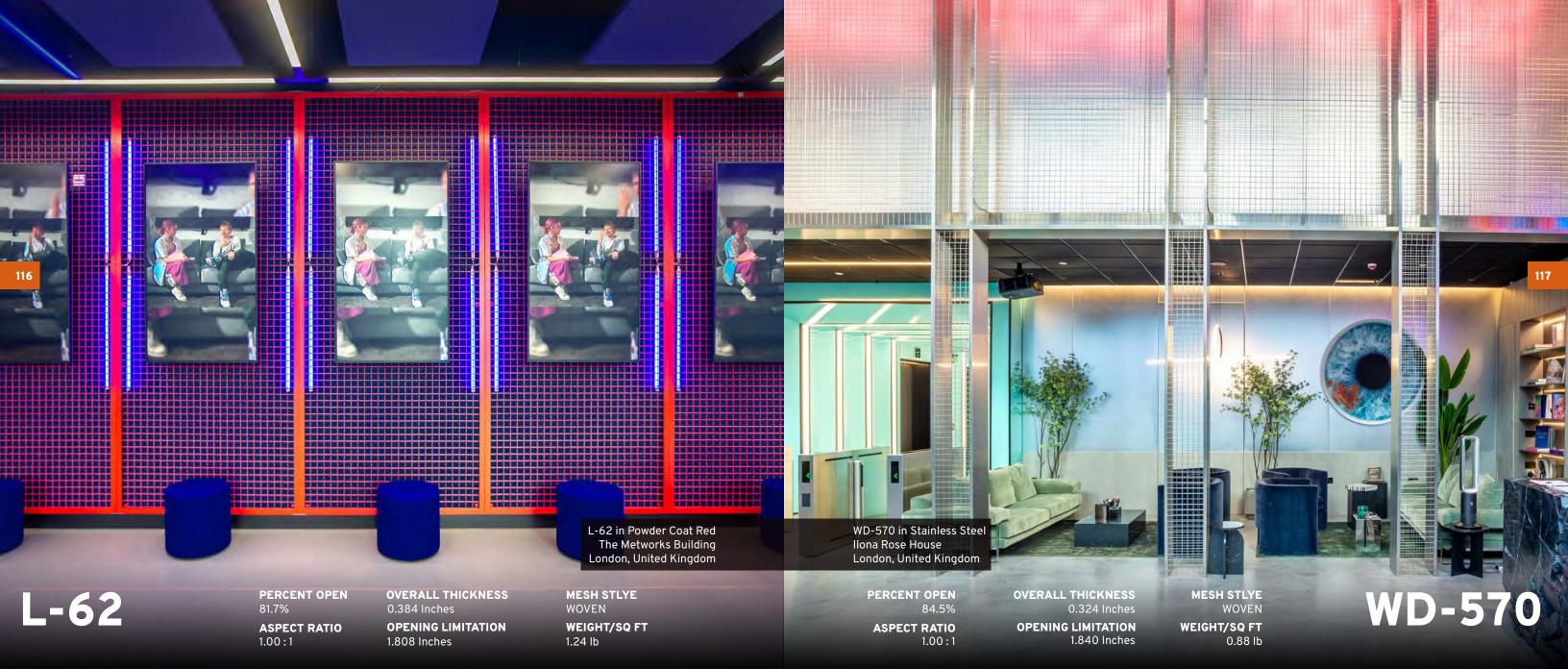
The reflective characteristics of architectural wire mesh helps accentuate your organic materials such as wood and glass materials in interior designs. The highly faceted surface of the wire mesh both absorbs and reflects the colors of its surroundings, adding texture and depth to the striking design. With so many wire mesh patterns to choose from, creating unique sensory experiences on vertical surfaces is easy to do.

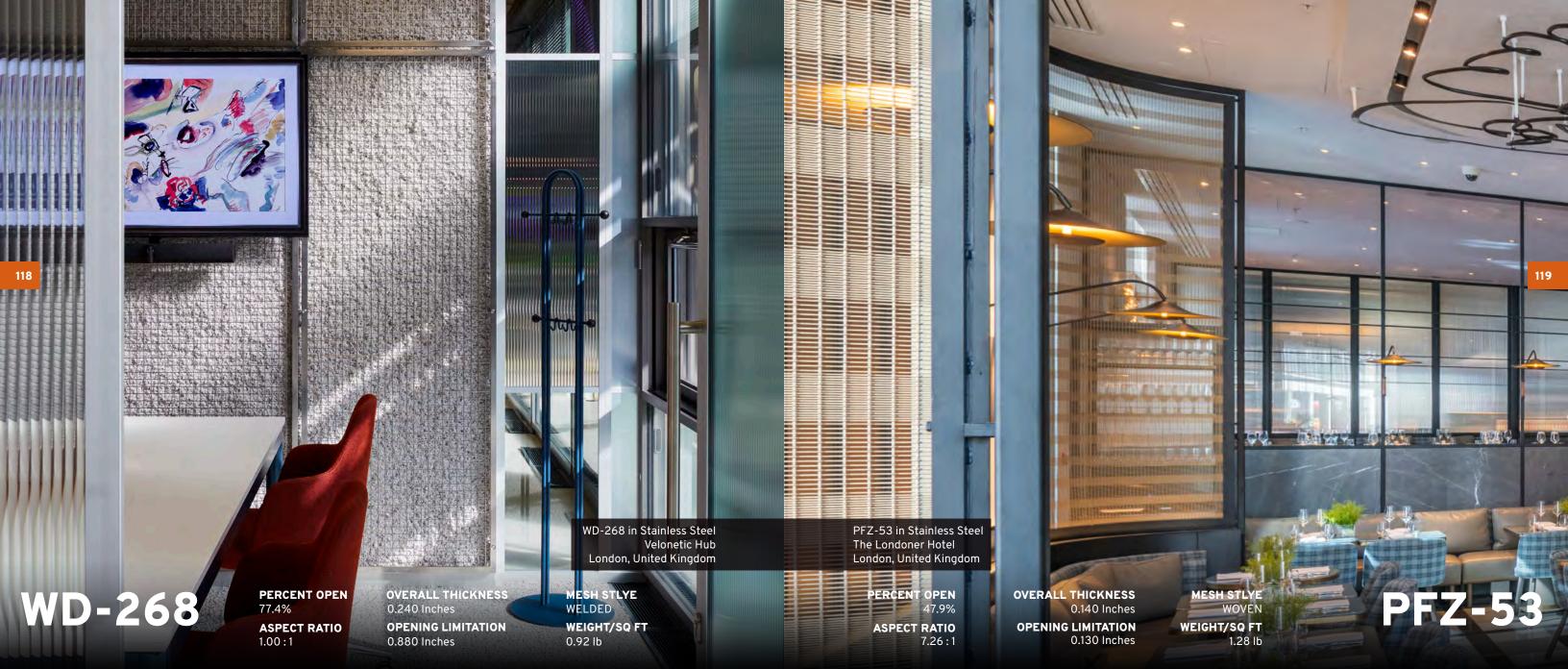
PROJECT PHOTOGRAPHY

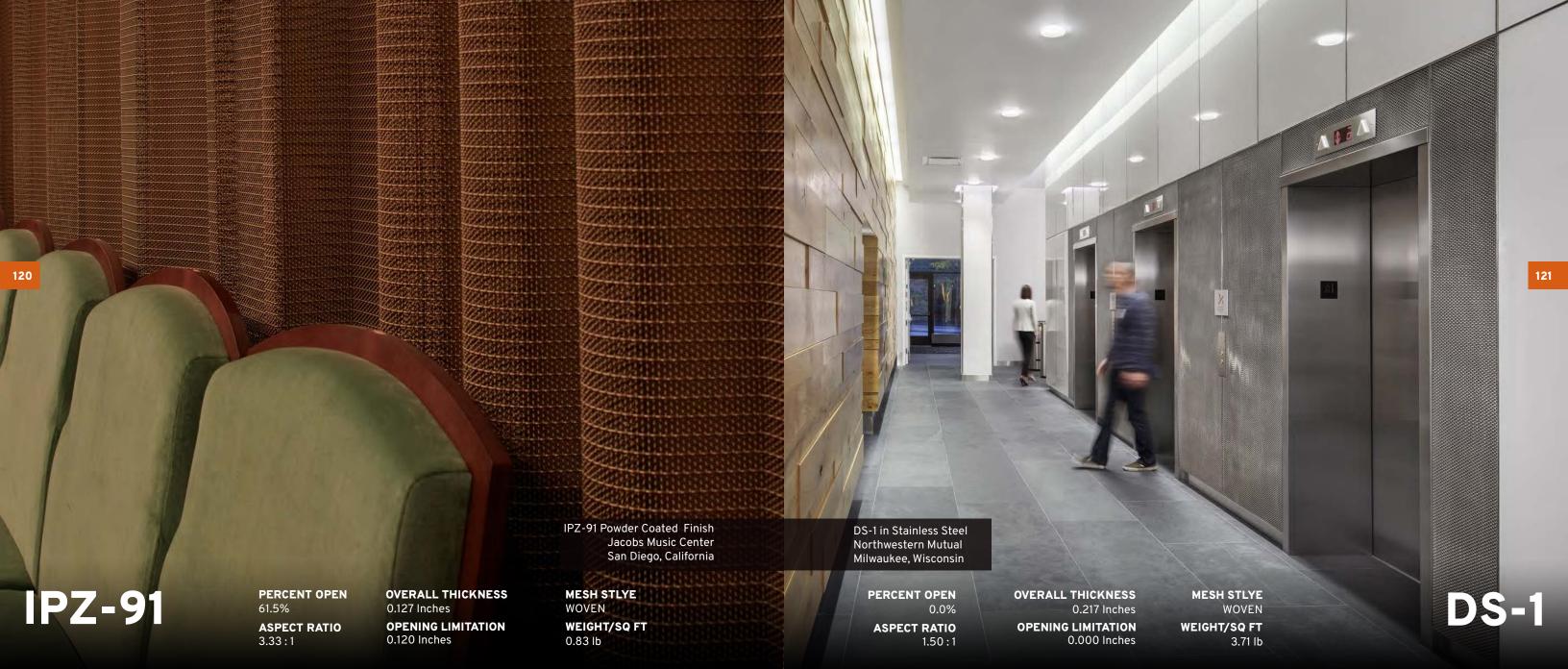
S-12 in a blackened finish Blackstone Bxii Offices New York City, New York



















GLOSSARY OF TERMS

PERCENT OPEN (PERCENT OPEN AREA)

The ratio of a hole area to total screen area at a 90° angle of incidence to the plane of the material, expressed as a percentage. Percent open area helps in comparing various materials as to how easily an object, air, or light, will pass through the screen.

OVERALL THICKNESS

The approximate thickness of the woven wire mesh, measured at the intersection of the wires.

CRIMP STYLE

A way in which both the warp and fill wire is formed prior to weaving is based on the mesh spacing and diameter relationship on a given wire mesh specification. There are eight fundamental crimp styles that are the basis of all Banker Wire woven wire mesh.

ASPECT RATIO

The way to characterize materials that have slotted openings or rectangular repeat patterns. It is the ratio of the larger pattern repeat distance to the smaller pattern repeat distance.

OPENING LIMITATION

The largest sphere diameter that will pass through a wire mesh pattern opening.

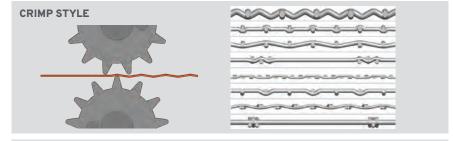
WEIGHT/SQ FT (WEIGHT PER SQUARE FOOT)

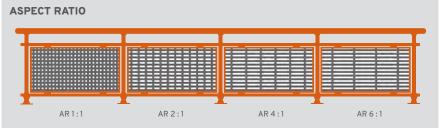
The approximate weight of the woven wire mesh pattern per square foot based on the specific density of plain steel.

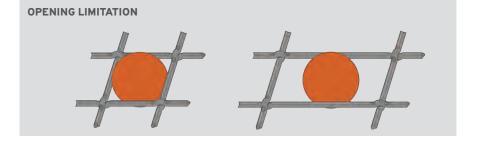
For more detailed information visit: www.bankerwire.com/resources/woven-wire-basics

PERCENT OPEN (PERCENT OPEN AREA) POA = 35% POA = 47% POA = 62% POA = 80% MD = 9.52MD = 2.38MD = 3.17MD = 4.763/8" Mesh .162 (P-126) 2 Mesh .162 (P-49) 3/4" Mesh .162 (L-114) 1.5" Mesh .162 (L-139)









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