

WEAVING INFINITE POSSIBILITIES

# ARCHITECTURAL **ITC**

#### DESIGN

Understand your ideas. Exceptional performance inspires more.. SOLVE

Seek the best solution. Draw bridge to the future projects.

#### SERVICE

Provide all-around services. Make your ideas come into reality.



#### Make Your Projects Extraordinary

#### DESIGN



#### **5** Experience

5 Years Design & Manufacturing experience.



#### **3** FOR FREE

3 pcs of samples are free to support you and your creative minds.



#### **DESIGN CAPACITY**

Abundant design capacity to speed up project process.



#### TECHNICAL SUPPORT

Technical team supplies specific installation solutions to complex installation projects.

#### PROFESSIONAL



#### **ISO** CERTIFICATED

ISO 9001 certificated enterprise guarantee our quality

#### **300+** PROJECTS

Hundreds of projects all over the worlds certify our enterprise brands

#### QUICK QUOTE

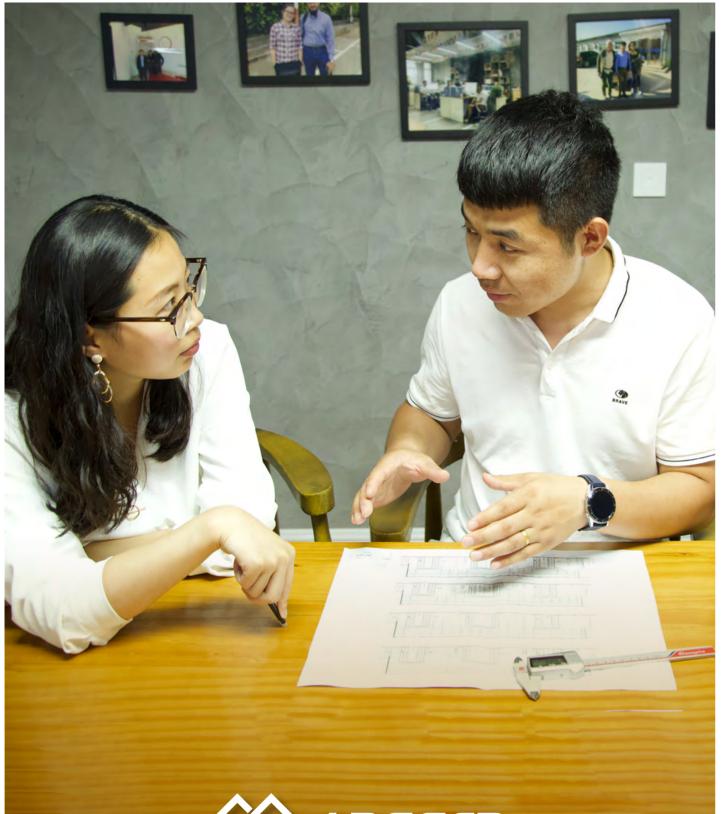
We will quote for all inquiries within 4 hours in work time

#### **BUDGET CALCULATION**



Professional Sales calculate accurate budgets and recommend ideal material







MAKE YOUR PROJECTS EXTRAORDINARY

**∢ 4** www.argger.com







IDEAS Understand Your Ideas

Our designers will fully understand the customer's preferences, ideas, and concepts to do our best to help customers transform their ideas into refined engineering cases.





DRAWING Draw bridge to the future projects

We will implement our ideals on the drawings, and provide a multidimensional perspective to allow customers to clearly understand our products and actually feel the irreplaceable beauty of Argger mesh.

We will send our optional products and previous related cases to customers for inspiration and explain their feasibility.



#### SOLUTION Seeking the Best Solution

Team discussion and brainstorming allow us find the perfect solutions to eliminate worries and realize ideas.



#### INSPIRATION Exceptional performance inspires more.

#### GUIDANCE Eliminate your last worries

All your worried are our considered, we will give all product details, accessories details and installation details to speed up your project schedule.



#### **DESIGN SCHEDULE**





#### Consult

Consult with our professional sales and tell us your ideas and doubts.



Design Custom and design as your creative ideas and transform ideas into drawings.

Budget Accurate calculated budget let your creative approach to projects.

Explore Explore our metal meshes and inspire your creative ideas.







Contract After confirming all details including payment and delivery time, the contract will be signed.

#### Install

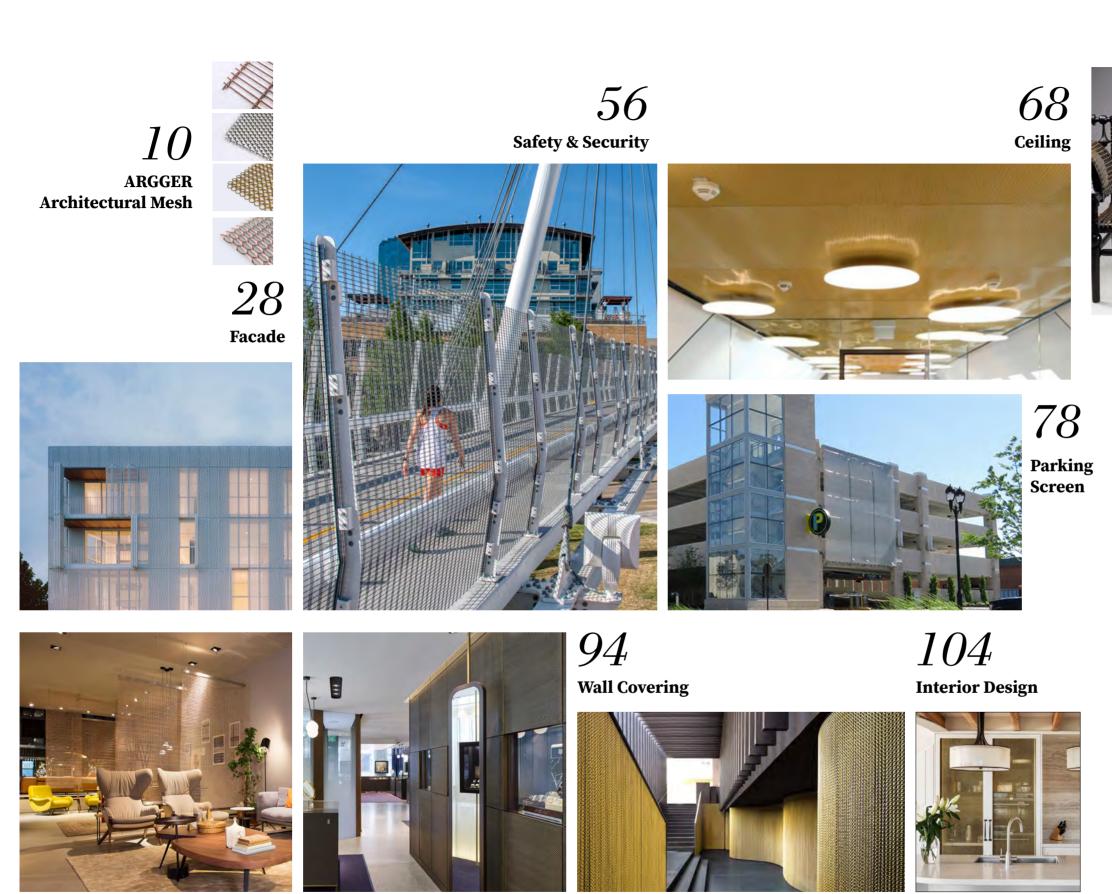
Installation accessories and guidance speed up your creative ideas realization.

#### **ARGGER SERVICE**

#### Enjoy

Record classical projects, and we believe you are the next one to be remembered forever.





38 Partition

88 **Elevator Cab** 

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#### 114 Furniture

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#### Application

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#### WHY ARCHITECTURAL MESH



Beautiful.

Different materials and finishes supply visual feast and make projects extraordinary.



#### Functional.

Argger metal meshes have limitless of functions, including ceilings, partitions, facades, handrails, furniture.



#### Sustainable

All Argger architectural mesh is 100% recyclable and will not cause any pollution to environment.



#### Healthy.

Argger metal fabrics doesn't release formaldehyde and will not harm to human health.



#### Durable.

All Argger metal meshes are rust and corrosion resistance for an extra long service life with bright surface.



#### Maintenance Free.

Once you install them, there's no need to maintain them to save your maintenance costs.



— Weave Limitless Possibilities



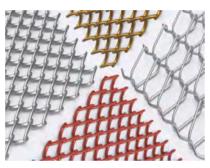


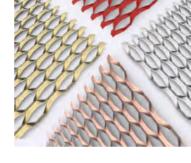


**Ag-Crimped** Muses

**Ag-Weave Spacing** Athena

**Ag-Weave Close** Apollo





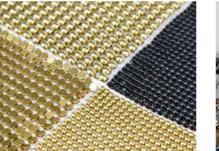


**Ag-Spiral** Triton

Ag-Open Astraios

Artemis

**Ag-Plate** Poseidon



**Ag-Sequin** Hebe

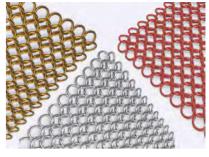




Ag-Rope Gordius

Argger architectural metal mesh has developed hundreds of mesh patterns with limitless of specifications. They can help designers to find the ideal material and designs to state their concept and help architects to become the forever memory of history.





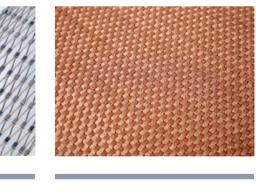


**Ag-Link** Hephaistos





**Ag-Curtain** Venus









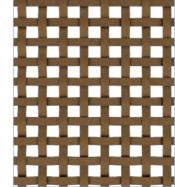
# ARGGER Muses

Our Muses series architectural meshes have crimped and rigid structures, which can be used for both exterior and interior projects.

Stainless steel, copper, brass and other materials can satisfy most of applications. Different finishes supplies modern, antique and other striking visual enjoyment.

Muses-3020						

Muses-3227					



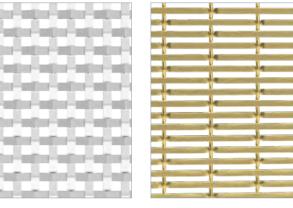
Muses-1724



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Muses-5025

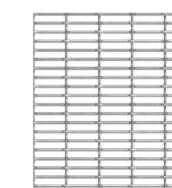
Muses-1240D

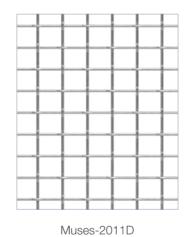


Muses-3134

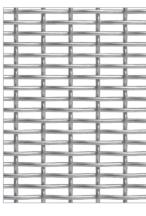
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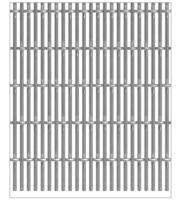
Muses-2314D





Muses-2015D





Muses-1585

Muses-1520D

Muses 2726

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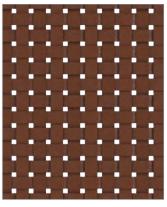
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20% to 75% open areas facades, security screens, elevator cabs and other

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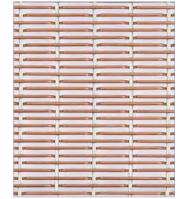
Muses-7221-S



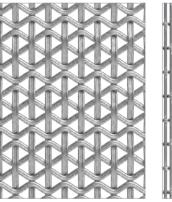
Muses-7221-C



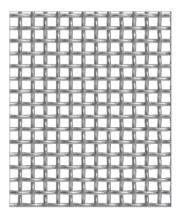
Muses-1621D



Muses-1519D

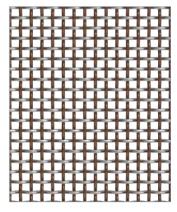


Muses-2023D



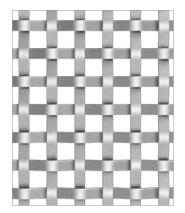
Muses-2045

Muses-1220D

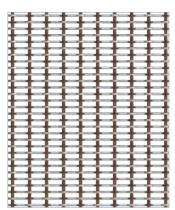




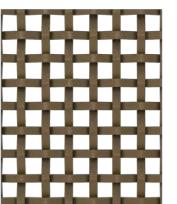




Muses-2236

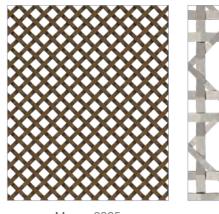


Muses-1015D



Muses-2035-BZ

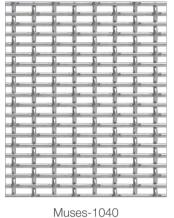
Muses-2035-S





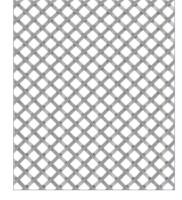
Muses-3865

Muses-1118D

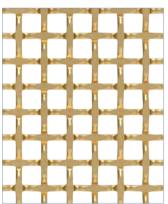


Muses-3070





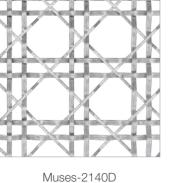
Muses-3270



Muses-3088

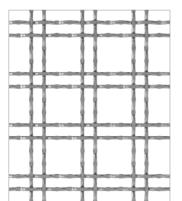
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Muses-15R20D



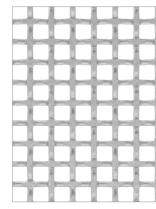
Muses-31100D

Muses-10070



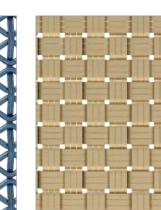
Muses-3033

Muses-1120D



Muses-0388





Muses-2420D

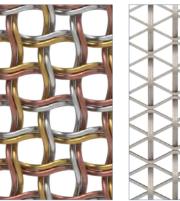


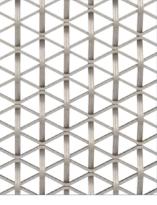
Muses-2817



Muses-2419

Muses-1963-C

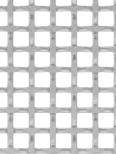




Muses-3038D



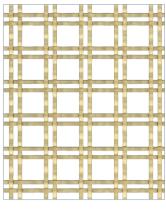
Muses-2528



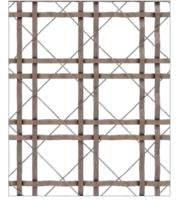


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Muses-3230-B



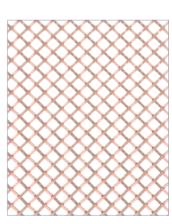
Muses-4910D



Muses-6853



Muses-1963-B



Muses-3060



Muses-4920D

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# ARGGER Athena

Our Athena series architectural meshes have rigid and flexible structures, which combines steel rods and steel ropes together. You can adjust the rod and rope pitch and material to achieve extraordinary visual affects.

Athena series decorative meshes are available for both interior and exterior designs for partition, ceiling, facade, security fences and decorative elements.



Athena-40510D-S

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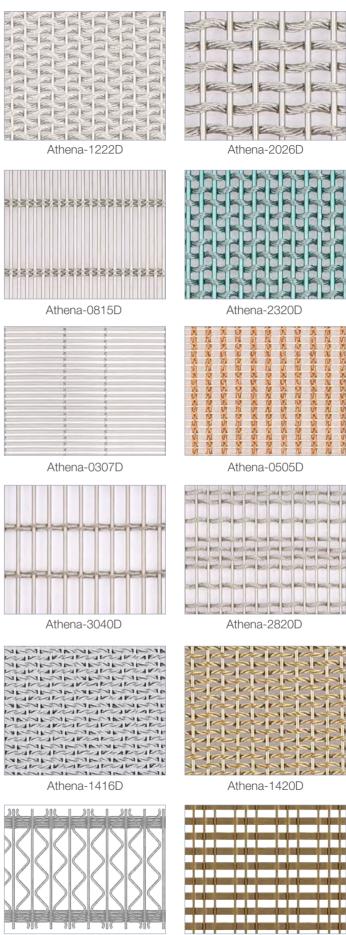
Athena-40510D-C



Athena-40105D



Athena-2028D



Athena-0942D

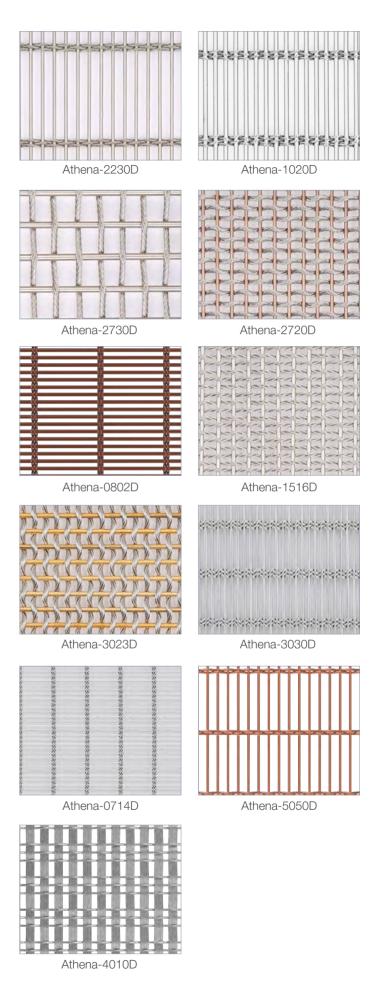
16 www.argger.com

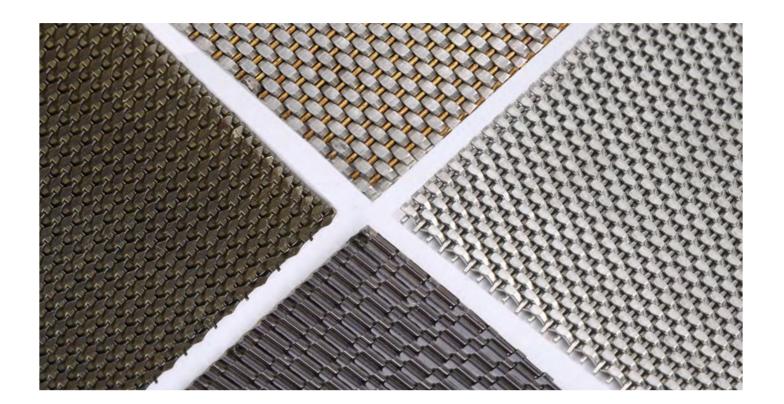
excellent air and light



Athena-1730D



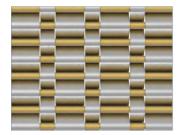




# ARGGER **Apollo**

Our Apollo series architectural meshes have tightly weave and rigid structures, which are widely used in interior designs as wall covering, elevator cab screens and partitions. Stainless steel, copper, brass and other materials can satisfy most of applications. Modern, antique and more striking visual surface can be satisfied.



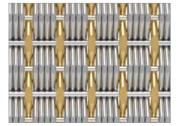


Apollo-6012D-B

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Apollo-2422D

Apollo-6012D-S

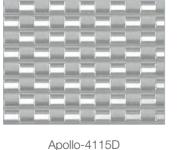


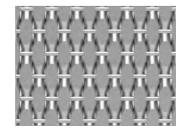
Apollo-1580D

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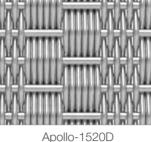
Apollo-4015D

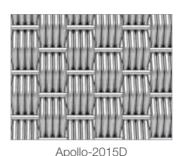




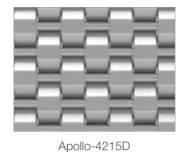




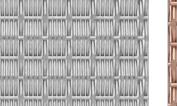






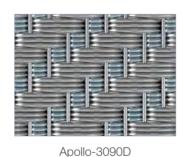


Apollo-2020D-B



Apollo-1419D





Apollo-1549D-C

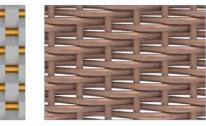
Apollo-3012D

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Apollo-3029D

Apollo-4020D

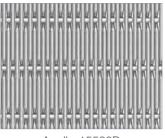
Apollo-1230D



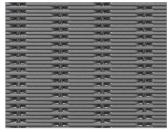
Apollo-3060D

Apollo-2715D-C





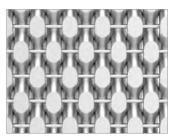
Apollo-15520D



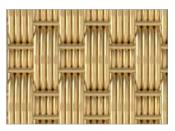
Apollo-2020D-S



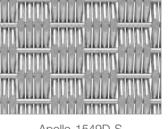
Apollo-4415D



Apollo-3315D



Apollo-3030D



Apollo-1549D-S

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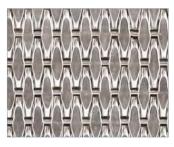
Apollo-2415D



Apollo-2815D

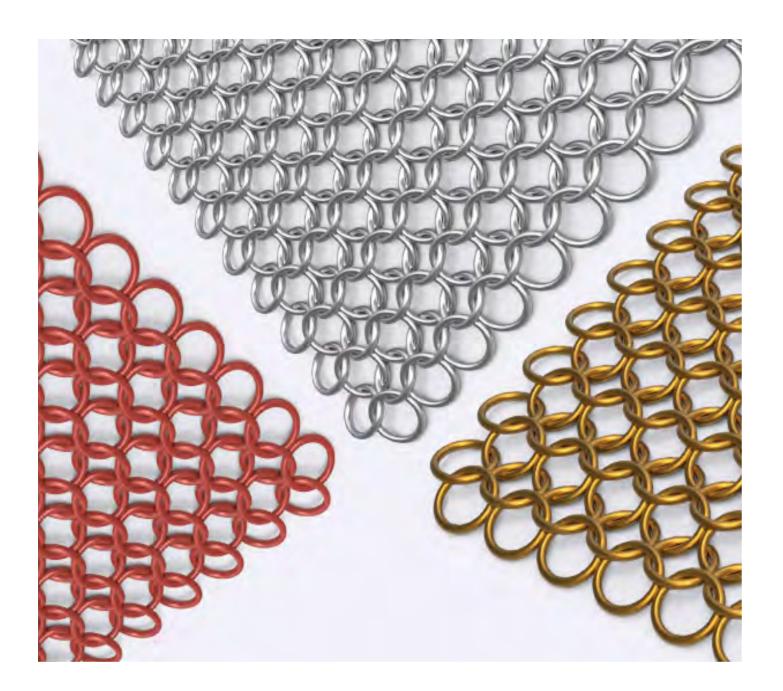


Apollo-1515D



Apollo-3513D

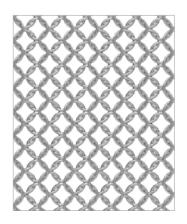




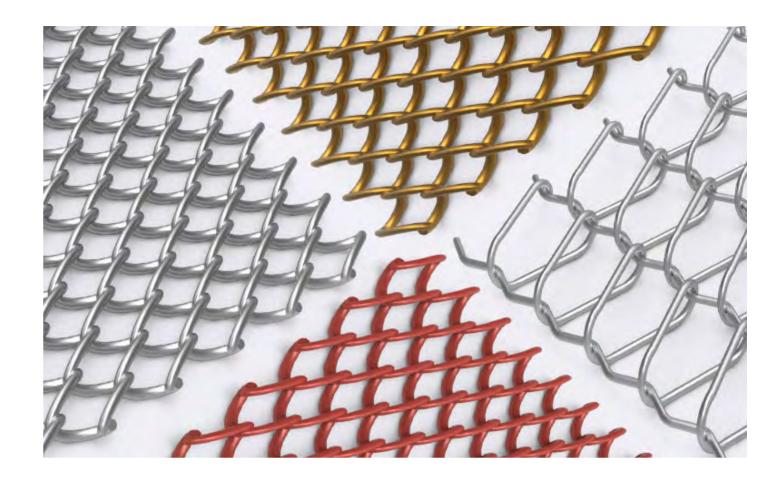
# ARGGER *Hephaistos*

Hephaistos series architectural mesh features flexible but functional interlock ring structures. Different ring sizes and arranges endows different beauty and adapt to different environments and design styles.

Stainless steel material guarantees the long-term use without worrying corrosion problems. Besides, it needs little maintenance during its long lifespan. Hephaistos architectural metal mesh is popular in interior curtains, partitions, ceiling hangings and other interior design elements



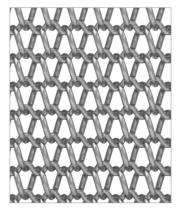
Hephaistos-0647



# ARGGER Triton

Triton series architectural mesh is our new but popular decorative materials. It has two different mesh patterns: conveyor belt meshes and chain link meshes. The conveyor belt meshes are popular materials in parking screens and partition fences while the chain link meshes are popular in mesh curtains and partition fences.

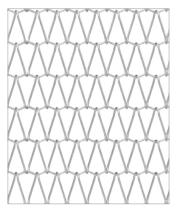
And aluminum material permits more color possibility to match different interior decoration styles and designs.



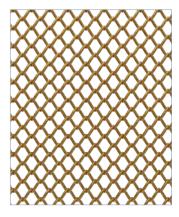
Triton-1044



adopts two materials: stainless teel material supplies durable and strong material to withstand



Triton-1095



Triton-1373





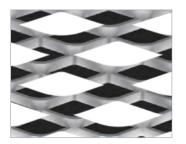
# ARGGER Astraios

Astraios architectural mesh, made of aluminum material, features lightweight structure, which make installation easy and fast. Astraios series meshes are ideal mesh cladding materials in various designs. They are available in various colors through anodic oxidation surface treatment.

Hope our Astraios architectural mesh contribute to your extraordinary project designs.



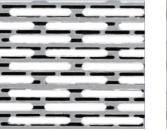
nesh is durable to withstand neavy winds, extreme weathers



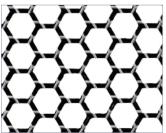
Astraios-4018







Astraios-E









Astraios-Y

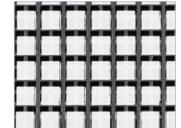




Astraios-1820

Astraios-C



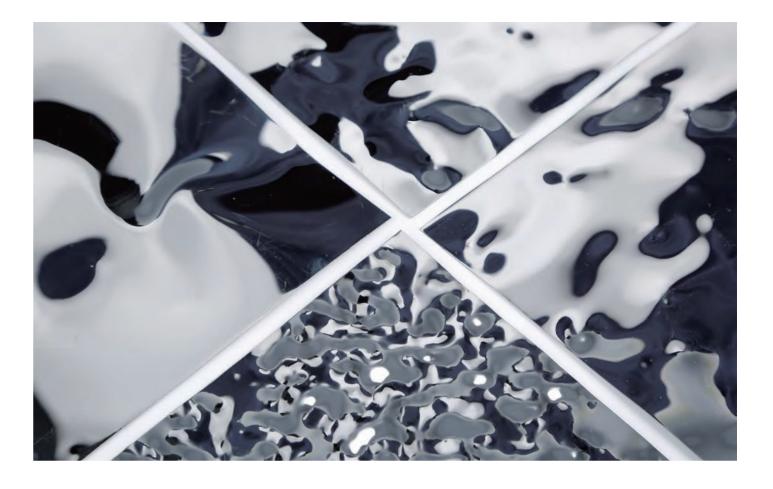


Astraios-R

Astraios-S

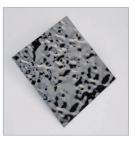


Astraios-M



# ARGGER Poseidon

Poseidon water ripple stainless steel sheet is a kind of punched decorative panel with mirror finishes whose surface texture looks like water ripples. Its light reflection character makes it bring unique visual experience, which is related to water ripple colors and wave heights. Besides, it has excellent corrosion resistance and excellent mechanical properties. It is a novel decorative material with unique style. Recently, it is widely used in both the interior and exterior decoration of commercial or residential buildings.







Poseidon-S

Poseidon-M

Poseidon-L





impact combines with





Poseidon-F



Poseidon-H



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# ARGGER VENUS

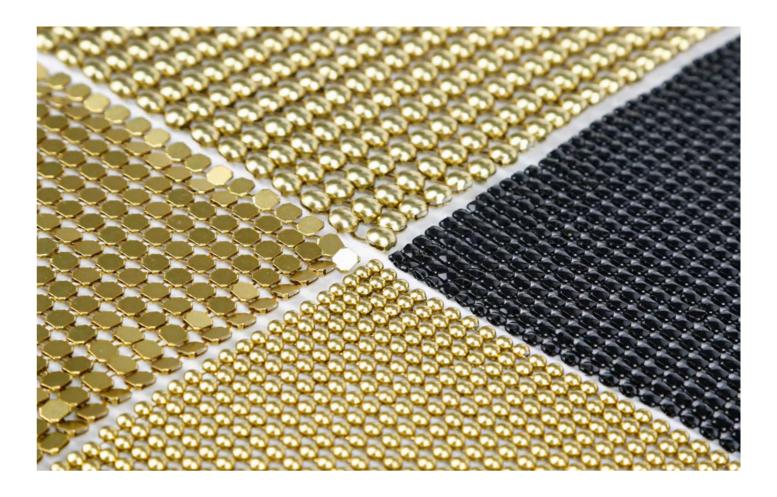
Venus chain link curtain, also known as chain fly screen, adopts double hook design and is made of anodized aluminum. It features lightweight, durable, easy to clean, maintain and install and never fading. It is widely used for curtain and window & door decoration and its unique double hook design can prevent insects from entering without affecting its visibility. It can also be painted with pictures to create a visually striking effect.







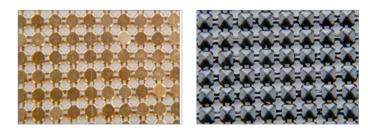




# ARGGER **HEBE**

Our Hebe scale mesh curtain is made from durable aluminum material. It is composed of many sequins and rings. Every sequin has 4 legs and every leg is folded backward and connected with a ring to ensure all sequins are connected with each other.

It is a decorative material that comes in a variety of shiny colors to create amazing visual effect different from other common curtains. It is lightweight and soft like cloth fabric showing attractive colors with the changing of lights. It is widely used in weddings, parties, banquets, salons, showcases and many other places.



Scale mesh curtain with round sequins



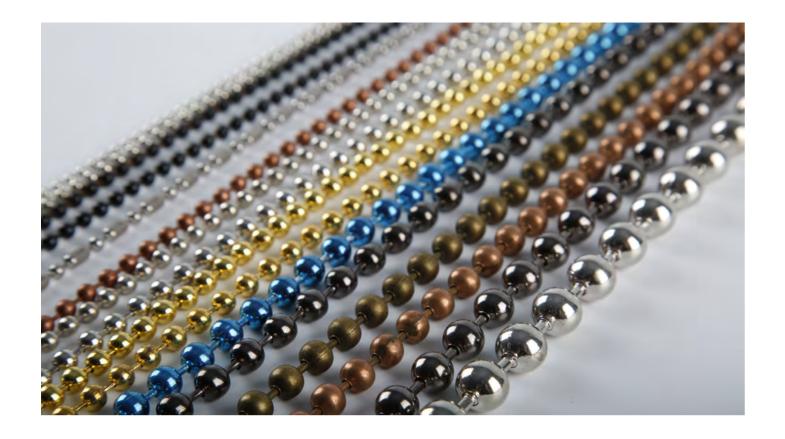
Scale mesh curtain with diamond sequins



Scale mesh curtain with golden balls

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# ARGGER Gordius

Gordius stainless steel cable mesh is a kind of stainless steel woven mesh combines the tensile strength of stainless steel and beautiful diamond opening, elegant and beautiful. Stainless steel cable mesh is generally divided into 2 types. One is knotted stainless steel cable mesh produced by using s special tool to punch holes and then interweaves with each other, featuring high tensile strength, soft net surface and high impact resistance; the other one is stainless steel cable ferrule mesh, unlike knotted stainless steel cable mesh. it is composed of stainless steel ferrules and stainless steel cables, featuring rigid structure, good visibility and excellent corrosion resistance. Stainless steel cable mesh is widely used in zoos, gardens, balconies, shopping malls, building reinforcement, building decoration, mine support and other places.

# ARGGER **ARTEMIS**

Artemis metal bead curtain is made of various hollow metal balls with antique finish or polish finish. Its hollow ball design not only reduces the overall weight of the curtain, but also features not easy to fade, thus creating an outstanding flexible style interior environment. If you use metal bead curtains to decorate your ceiling, it creates a sparkling cascade effect under the light. In addition, it can be also used to divide specific spaces, such as restaurants, hotels, offices or homes. It also provide plenty of air and light for enclosed space without giving the feeling of being enclosed while dividing the space.



advanced art style.





Gordius-2020

# ARGGER **AGLAIA**

Shiny, textured woven copper mesh brings a shinier finish to the space. Aglaia copper decorative mesh is a flexible metal decorative mesh, woven with delicate copper wire. The original color of copper gives a striking and sparkling effect when exposed to light. Its imperviousness to light makes it ideal for partitions and wall coverings, bringing a unique artistic appeal to a variety of settings. The Aglaia collection will explore a variety of copper wire weaves to present you with more unique decorative metal mesh to suit different needs.



Elastic, soft stainless steel cable mesh meets all vour



Gordius-3030



Aglaia-4026



## **ARCHITECTURAL MESH** APPLICATION

# Facade

Argger architectural mesh is both aesthetically and functionally great for facade applications.

Architectural mesh facade stylizes the building by covering an old or unappealing building. With unique, dynamic textures and patterns, our architectural mesh facade offers amazing aesthetics in any light - sun, moon or artificial illumination.

Metal mesh facade comes in a variety of open areas and helps to shelter part of dazzle light, reduce heat absorption and provide effective sun protection. The transparency of mesh facade delivers natural lighting, natural ventilation and unlimited horizon. We can customize the open area of the your chosen mesh to suit to the ventilation requirements of specific projects.

Thanks to its durability and ease maintenance, our architectural mesh facade can last for decades. Our metal mesh facade does not come in single styles or patterns, you may customize your architectural mesh facade according to your specific project design.







Government building facade



Gymnasium facade

Shopping mall facade



Commercial building facade

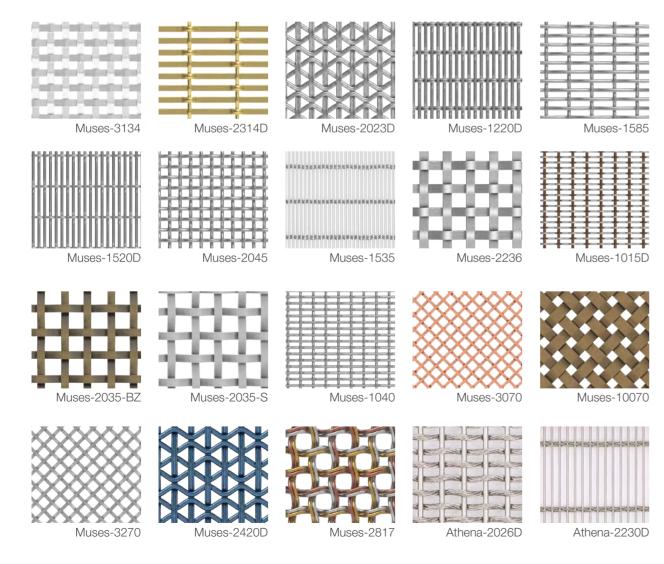


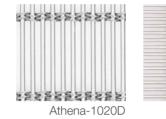
Library facade



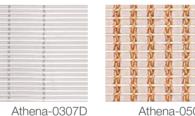


# Optional *Mesh Patterns*





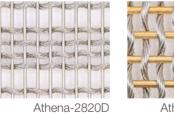


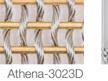




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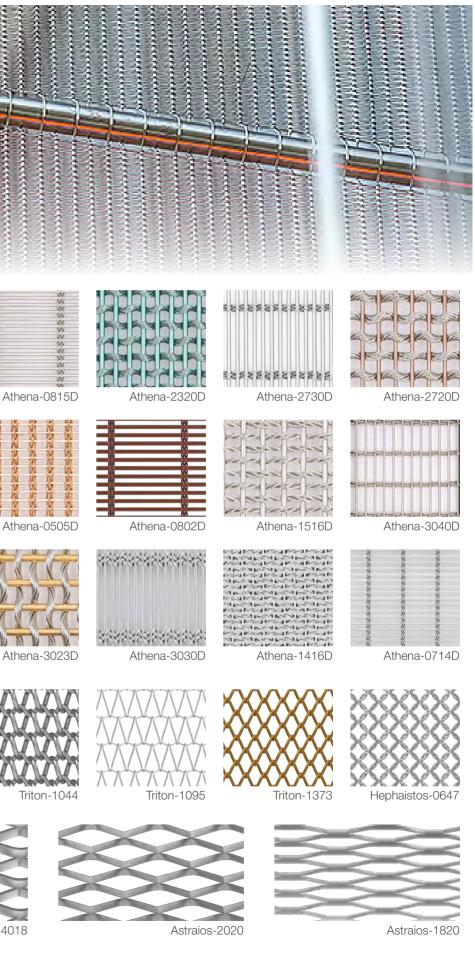


Athena-5050D





Astraios-4018







# Installation

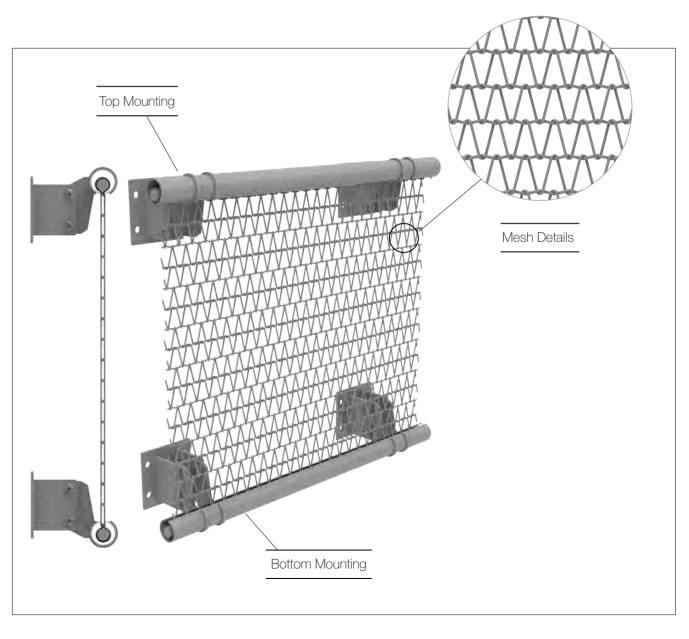
Architectural mesh (decorative mesh) is widely used in facade designs due to its artistic appearances, durable lifespan and flexible installation methods.

Here we list several methods of architectural mesh facade installation for you to choose from.

#### Cylindrical Shroud & Brackets



- 2 Terminate both ends of the metal fabric within the cylindrical shrouds.
- 3 Use the bar in the cylinder to permanently secure the mesh fabric.
- 4 Tension the mesh fabric mechanically from the top and bottom brackets.





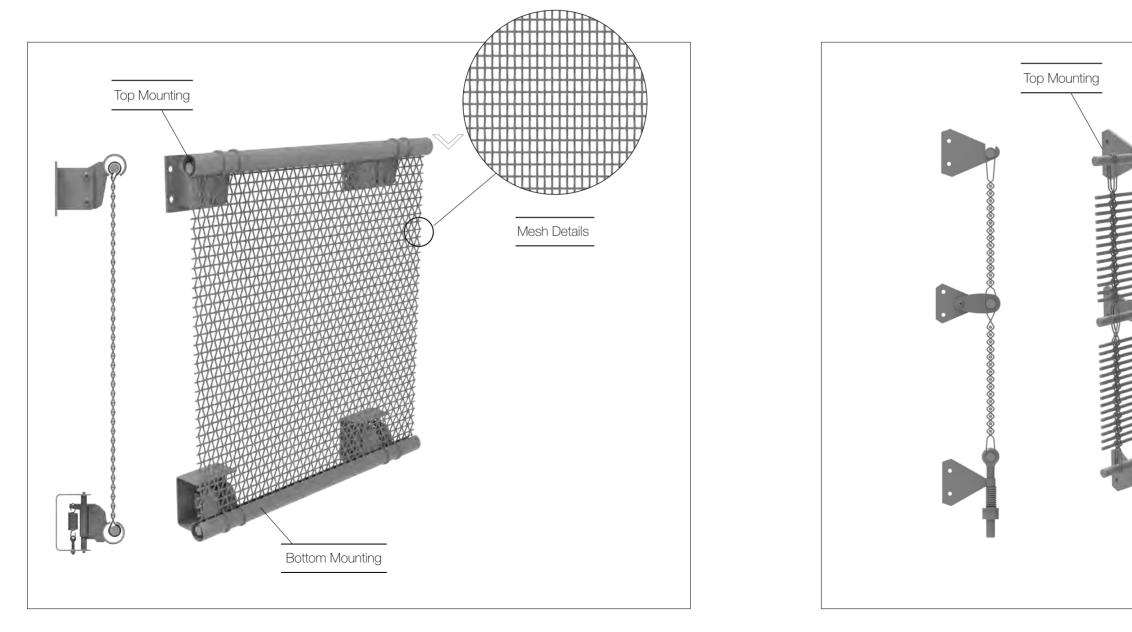
#### **Cylindrical Shroud & Springs**

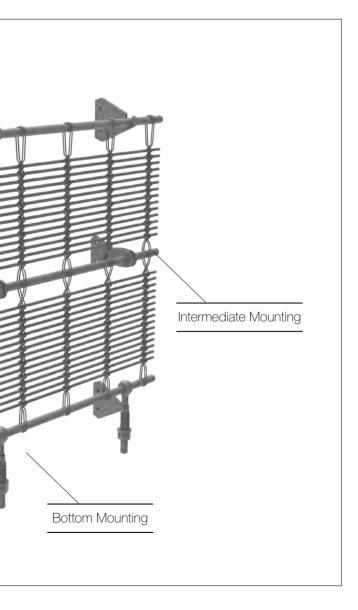
## Woven-In-Bar (WIB) with Hooks & Springs

- 1 Make the architectural mesh fabric pass through a defined envelope.
- 2 Terminate both ends of the metal fabric within the cylindrical shrouds.
- 3 Use the bar in the cylinder to permanently secure the mesh fabric.
- 4 Tension the mesh fabric with a hidden spring system at the bottom.



- 2 Insert the top round bar into triangular fastening brackets to hang the mesh fabric.
- ③ Integrate intermediate round bars with triangular pivoting brackets into the mesh fabric to stabilize vertical tension and horizontal movements.
- 4 Insert the bottom round bar with eye bolts into the mesh fabric and connect eye bolts with tension springs. Fasten these springs onto the bottom brackets to apply pre-tension to the fabric and reduce the tension force on the structure

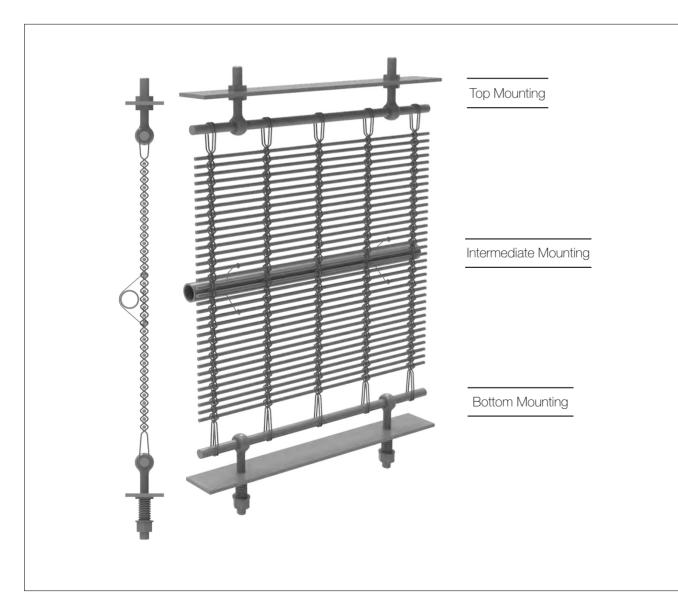




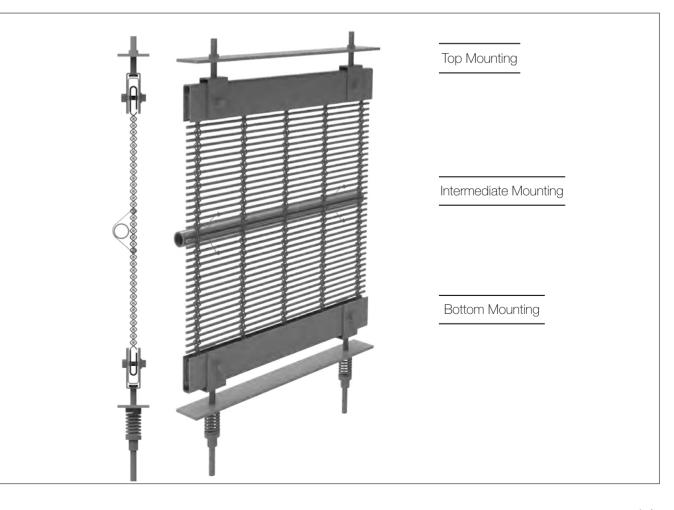


#### Flat Tension Profile with Clevis

- Incorporate round bars into the top, bottom and middle part of the metal fabric to replace woven weft wires.
- 2 Connect the top round bar with eyebolts and then tension and fix eyebolts to continuous substructure profile with nuts or with fastening brackets.
- 3 Warp wire connectors around intermediate round bars located behind the mesh fabric and hold the mesh fabric from the backside.
- (4) Insert the bottom round bar with eyebolts into the mesh fabric and connect eyebolts with tension springs. Fasten these springs onto the bottom brackets or a continuous substructure to tension the panels.



- 1 Attach the clevis bolts to the top tension profile, leaving two clevis bolt openings available.
- Secure the clevis bolts to the flat tension profile with self-locking nuts.
- Place the mesh roll into the cradle and attach the lifting tools to the clevis bolt openings mentioned in step 1.
- bottom and two helpers shall guide the mesh roll to avoid movement when unrolling.
- 5 Attach the top clevis bolts to the top substructure profile.
- 6 Repeat Step 1, Step 2 and Step 5 to attach the bottom clevis bolts.
- Compress the pressure springs in the bottom substructure profile to pre-tension the mesh fabric.
- (8) Warp wire connectors around intermediate round bars located behind the mesh fabric and fasten the mesh fabric from the backside.



(2) Use a crane to lift the mesh roll, the mesh roll will unroll within the cradle automatically. Attach a rope on both ends of the

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## **ARCHITECTURAL MESH** APPLICATION

# Partition

Argger architectural mesh partition optimizes and defines spaces by dividing areas with tightly woven architectural wire mesh to reduce the entrance of dazzle light and add privacy and a sense of intimacy.

Argger architectural mesh acts as a space divider that allows light to pass through without hindering the flow of open spaces, thus providing a higher percent open area with minimal visual intrusion.

Argger architectural wire mesh brings excellent design aesthetics to a space and complies with the building's fire protection requirements.





Restaurant partition



ARGGER

Cinema partition



Restaurant partition





Office partition

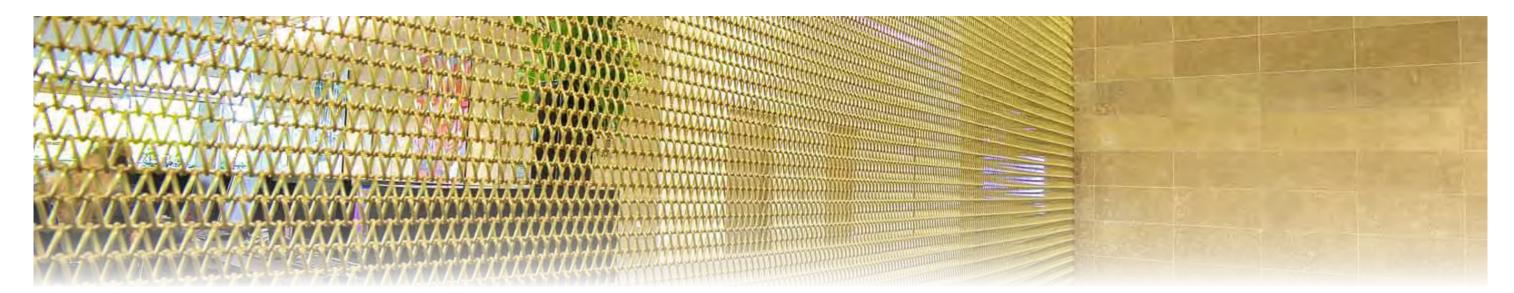


Living room partition

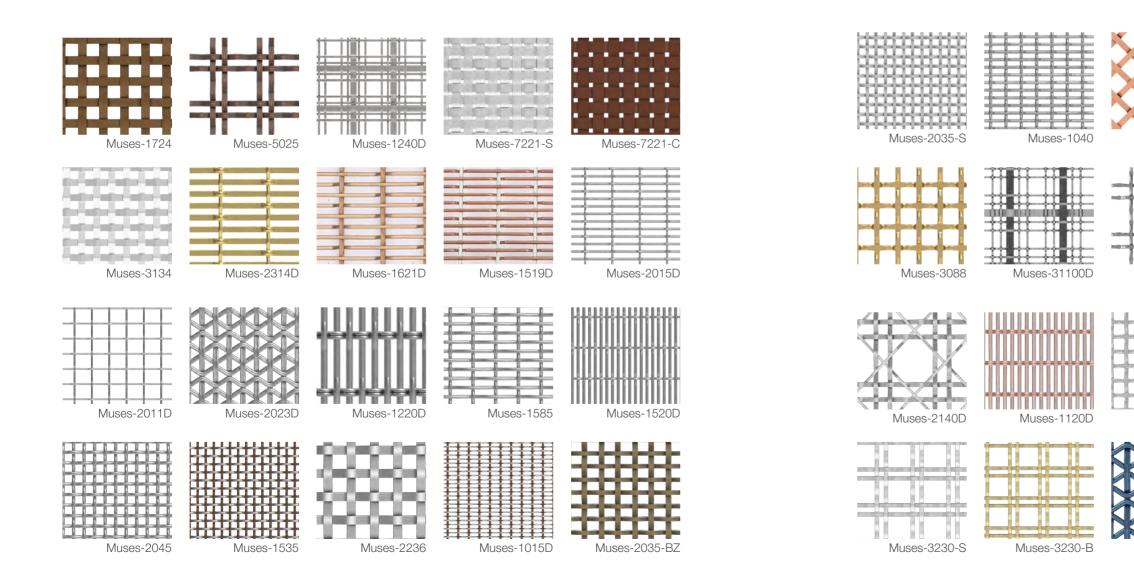


Restaurant partition

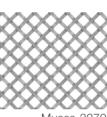




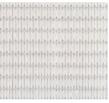
# Optional *Mesh Patterns*



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Muses-3270



Muses-15R20D



Muses-10070



Muses-2528



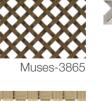
Muses-0388





Muses-1118D





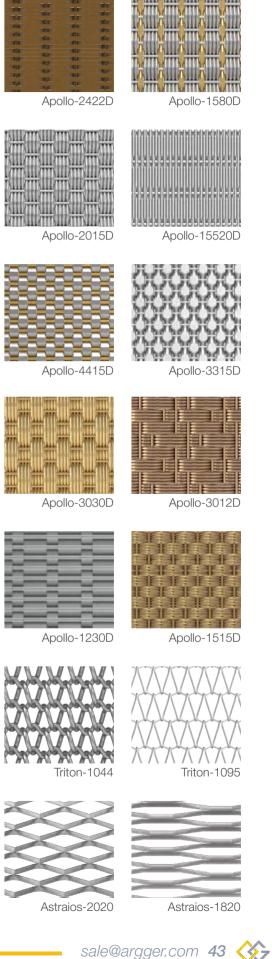


Muses-2419





Apollo-6012D-S	Apollo-4015D	Apollo-4115D
Apollo-2715D-C	Apollo-2715D-S	Apollo-1520D
Apollo-2020D-S	Apollo-2020D-B	Apollo-4215D
		Apollo-1549D-S
Apollo-3090D	Apollo-2415D	Apollo-2815D
Apollo-3513D	Apollo-4020D	Apollo-3060D
Triton-1373	Hephaistos-0647	Astraios-4018



# Installation

Architectural mesh partition installation varies as accessories change. Here we list detailed installation steps and accessories required to help you know better about our products.

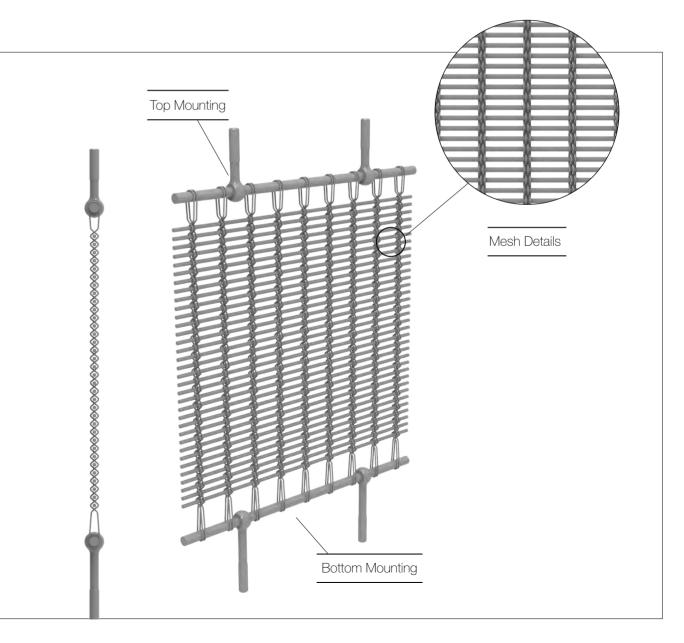
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## Extended Loops & Eyebolts

1 Make cables extend beyond the mesh fabric to form extend loops and secure these loops with loop clamps.

- 2 Make the round tensioning bar pass through the loops and through eyebolts at the top and bottom respectively, and secure the bar to a bracket or fixture with threaded lock nuts.
- 3 Make sure the spacing between loops are equal and tension forces are well distributed.

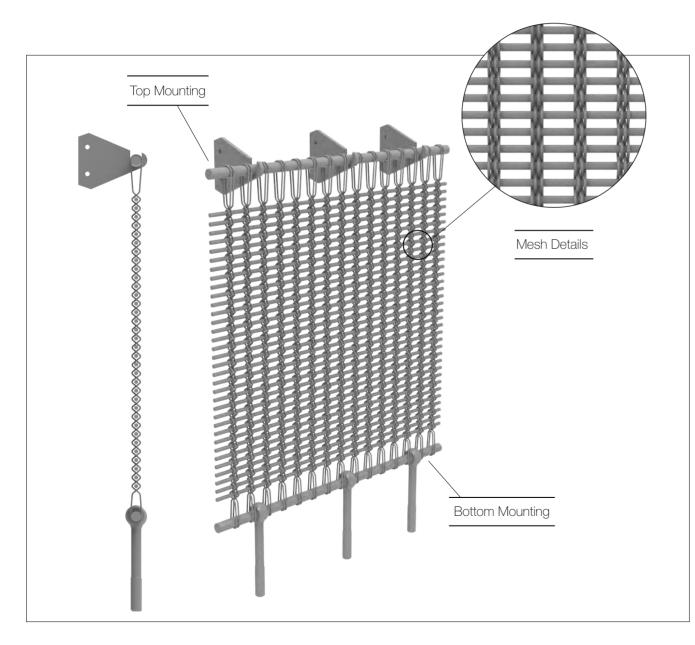




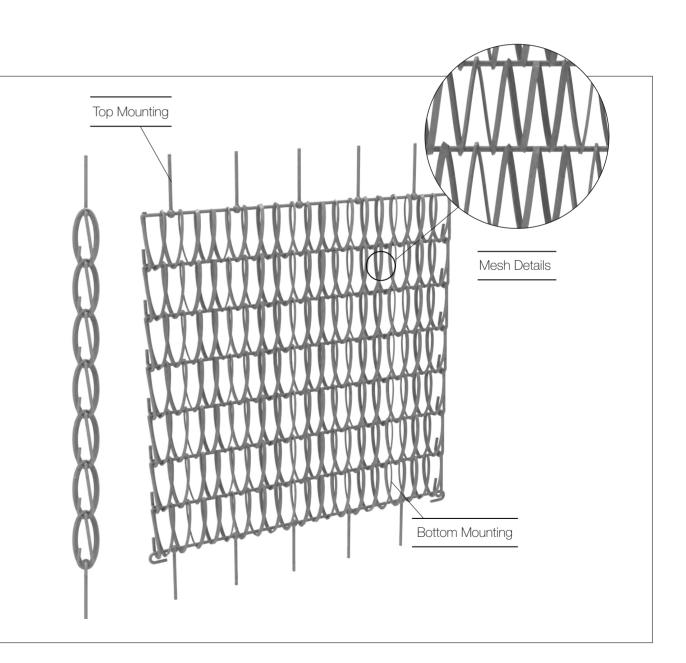
#### Extended Loops & Hooks at Top

#### Eyebolts

- 1 Make cables extend beyond the mesh fabric to form extend loops and secure these loops with loop clamps.
- 2 Make the round tensioning bar pass through the loops and cradle the bar into triangular fastening brackets at the top.
- 3 Make the round tensioning bar pass through the loops and eyebolts and secure eyebolts to a bracket or fixture with threaded locking nuts at the bottom.
- 4 Make sure the spacing between loops are equal and tension forces are well distributed.



- 1 Attach eyebolts to the cross rod of the mesh fabric.
- 2 Tension the mesh fabric to a structural steel flange with turnbuckles or nuts.







#### Flat & Angle with Threaded Rod

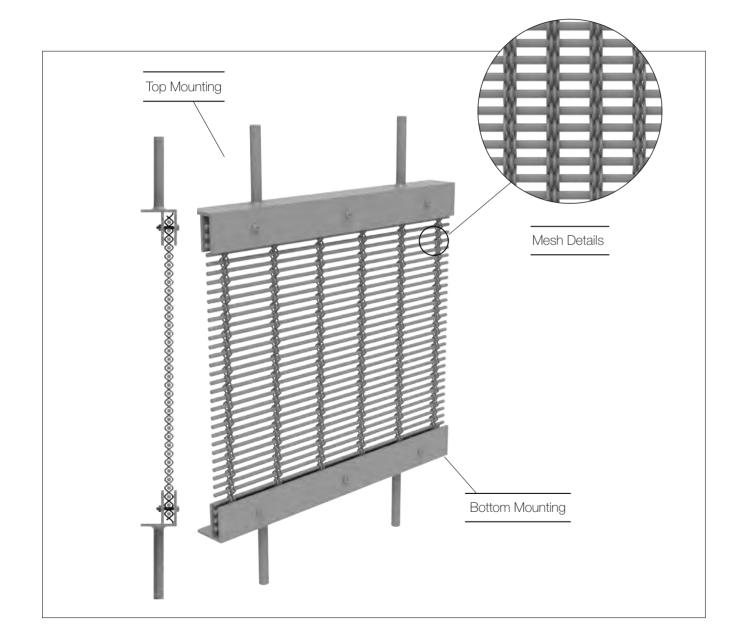
#### Flats with Flat Eye

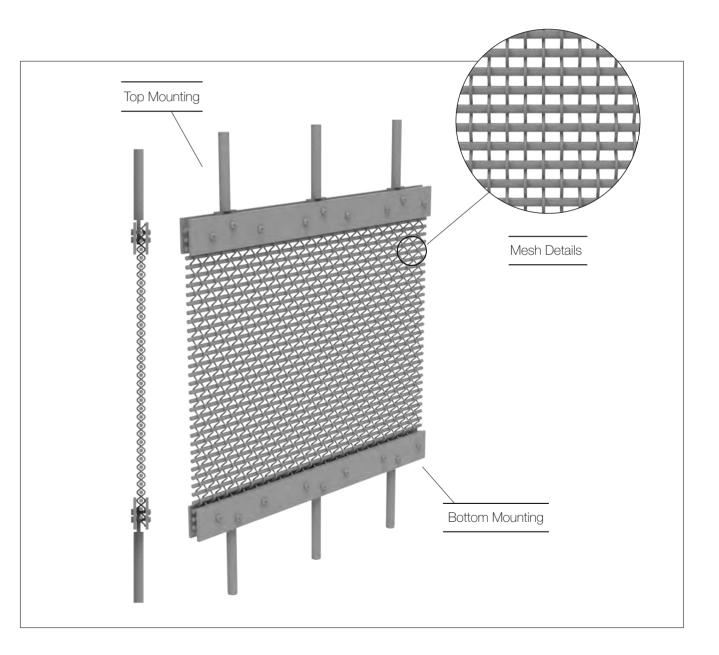
1 Clamp the mesh fabric with flat and angle bars with a threaded rod.

2 Weld threaded rods to the angle bar for tensioning by turnbuckles or nuts.



2 Bolt flat eyes in between the flat bars for tensioning by turnbuckles or nuts.



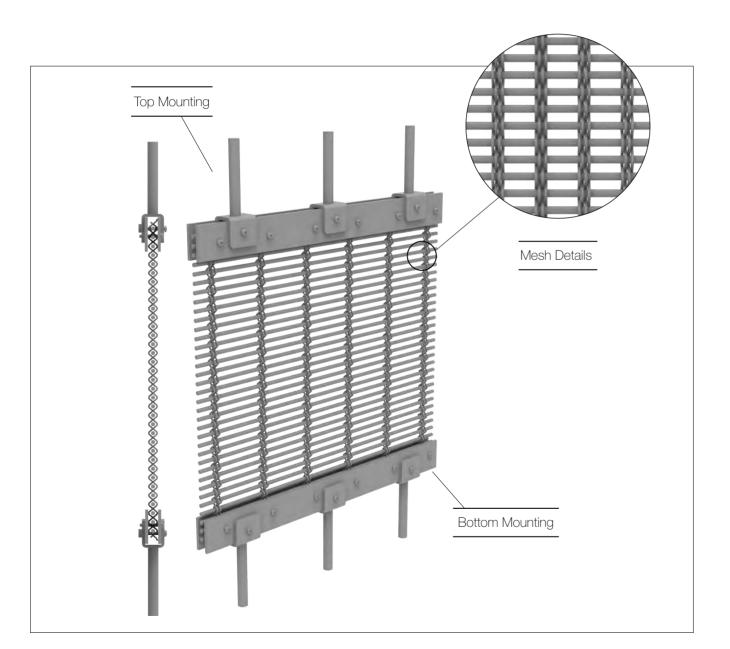


#### Flats with Clevis

## Flats, Clevis & Binding Rod

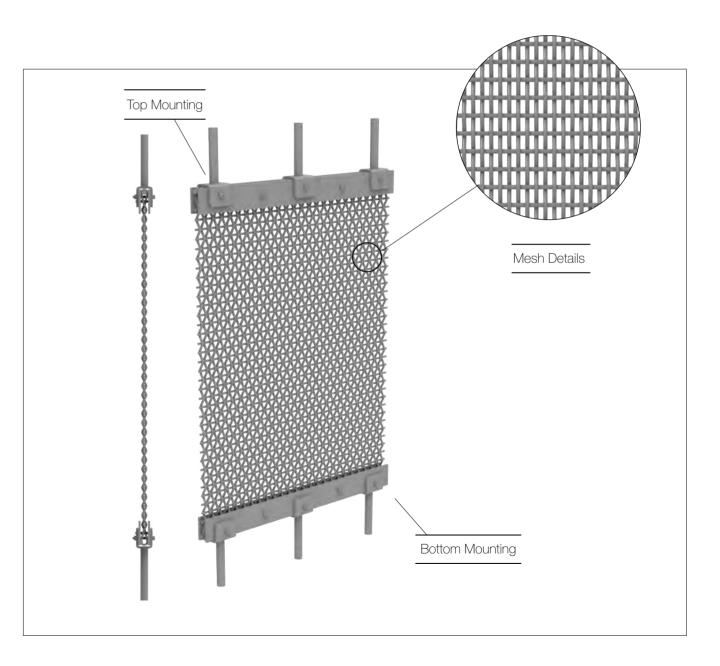
1 Clamp both ends of the mesh fabric with flat bars.

2 Attach clevises with threaded rods to the flat bars for tensioning by turnbuckles or nuts.



1 Fold the mesh fabric over a binding rod.

- 2 Clamp both ends of the mesh fabric with flat bars.
- 3 Attach clevises with a threaded rod to the flat bars for tensioning by turnbuckles or nuts.







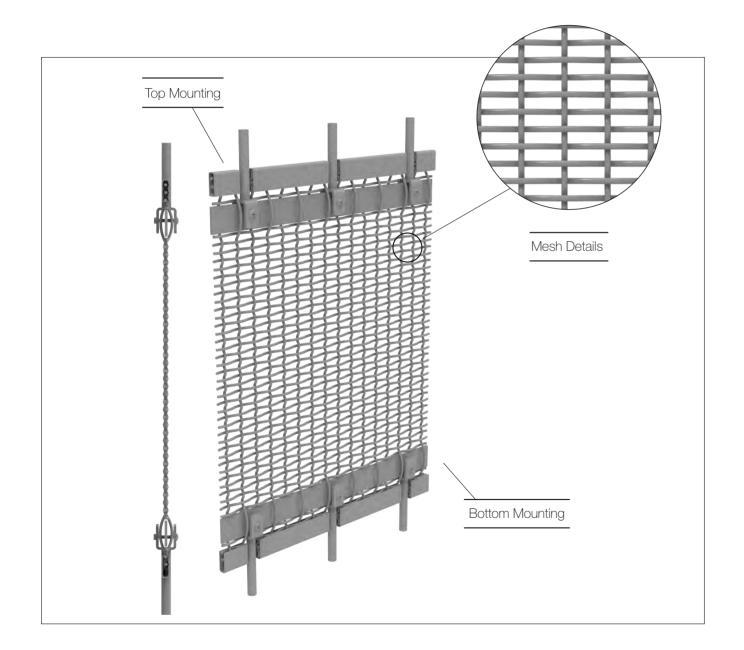
#### **Reinforced Internal Flat Bar**

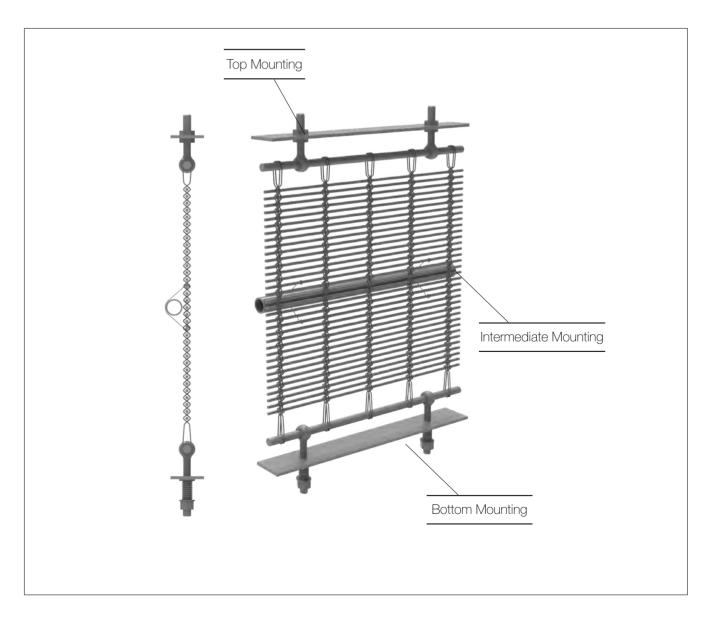
# Woven-In-Bar (WIB) with Eyebolts

1 The woven in flat bar serves as a connecting member to attach the mesh fabric to the top and bottom brackets.

2 Attach clevises with a threaded rod to the flat bars for tensioning by lock nuts.

- 1 Incorporate round bars into the top and bottom of the metal fabric to replace woven weft wires.





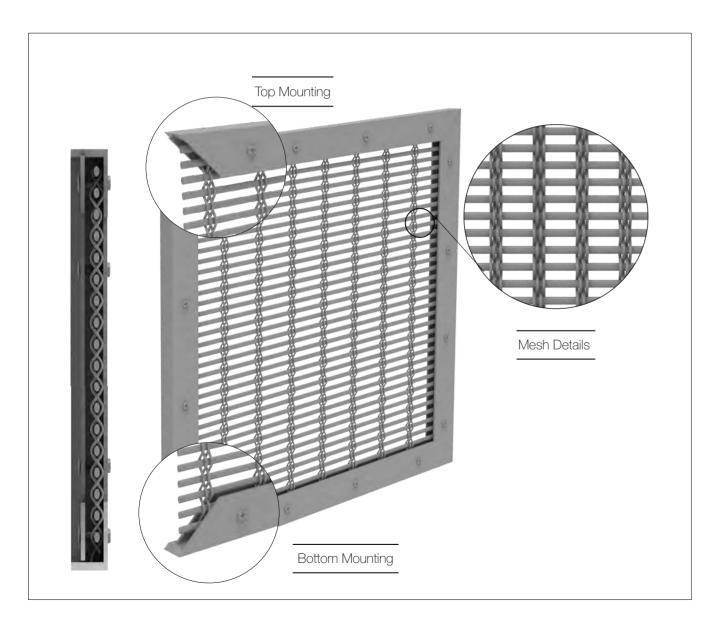
2 Attach eyebolts to round bars and secure eyebolts to brackets at the top and bottom for tensioning by turnbuckles or nuts.



## Angle Steel & Frame

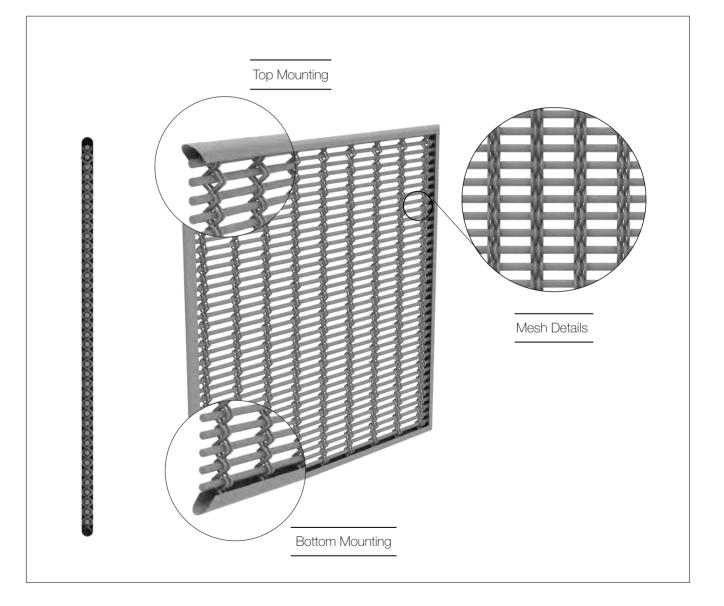
#### 1 Clamp tight and bolt the mesh fabric into a frame made of flat and angled bars.

(2) Mesh fabric is not tensioned to assure flatness.



# **U-Binding Frame**

- 1 Use a frame with U- channels to envelope the mesh fabric.
- 2 Weld and secure the mesh fabric in place.





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## **ARCHITECTURAL MESH** APPLICATION

# Safety & Security

Argger architectural mesh can be used as both indoor and outdoor safety barriers. The large open area of the Argger architectural mesh allows the space allows the space maintaining its transparency and sufficient natural light without obstructing views and ventilation. Functioning as a protective barrier in stair towers and pedestrian bridges, Argger architectural mesh offers a distinct authentic feel while protecting pedestrians from falling.

Constructed of high tensile metal wires, Argger architectural mesh features high tensile and exceptional durability, which makes it ideal for long time use. Agger architectural mesh has a verity of optical effects as the angle of view changes. As an alternative to glass, it reduces the load and weight of the railing system.





ARGGER





Pedestrian bridge handrai



Stair tower barrier

Stair handrail

Balustrade



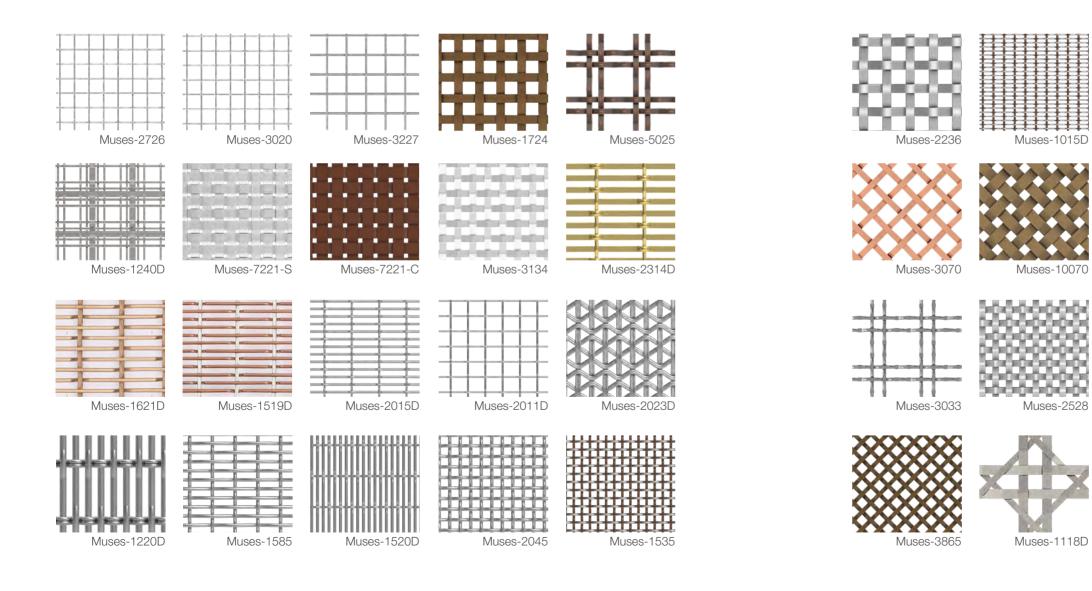
Walkway barrier



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# Optional *Mesh Patterns*



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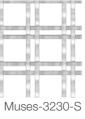






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Muses-2528



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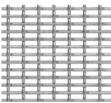
Muses-2035-S



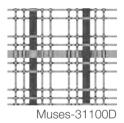
Muses-3088

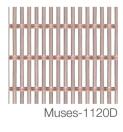






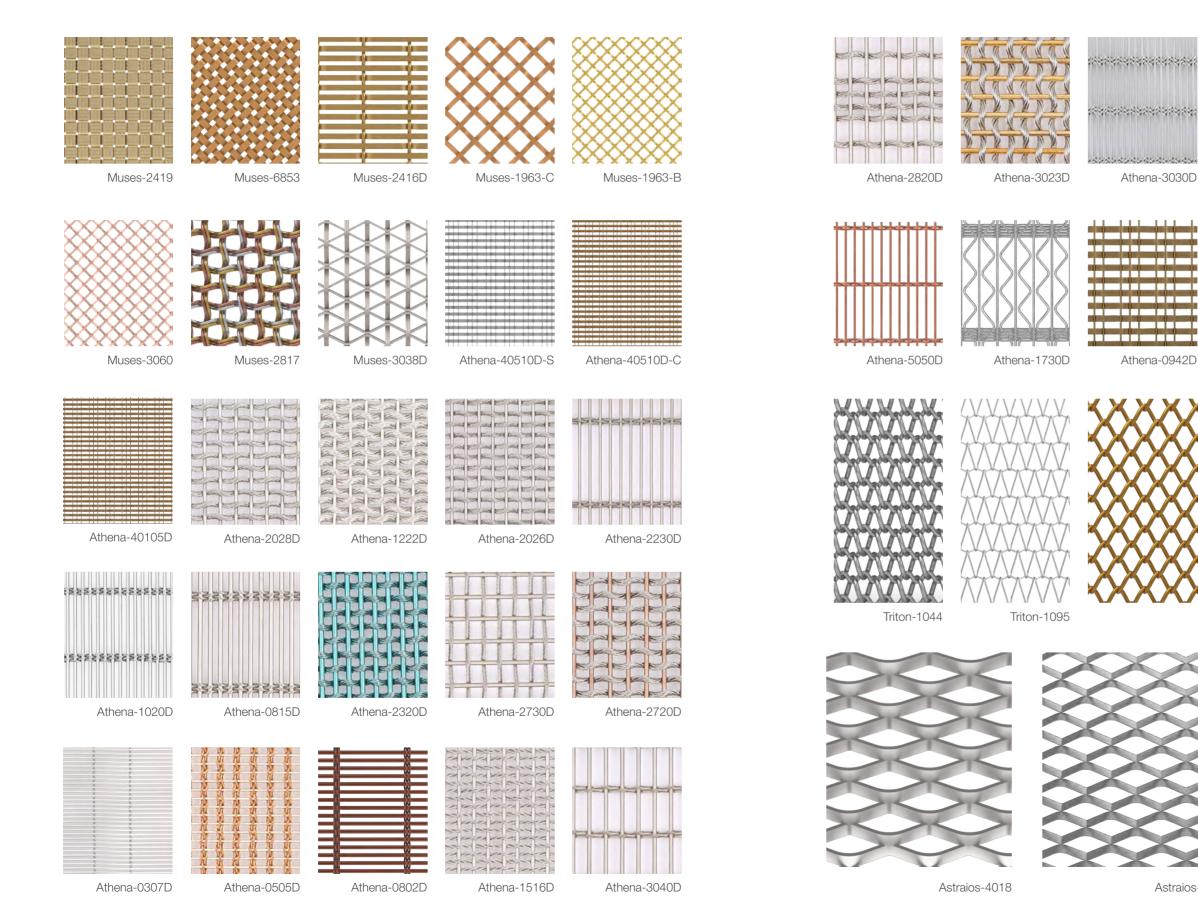
Muses-1040



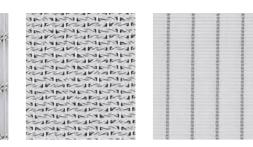




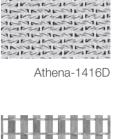




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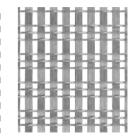


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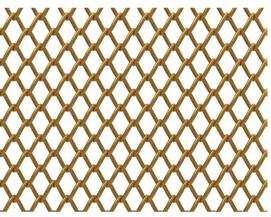




Hephaistos-0647



Athena-4010D



Triton-1373



Astraios-2020





# Installation

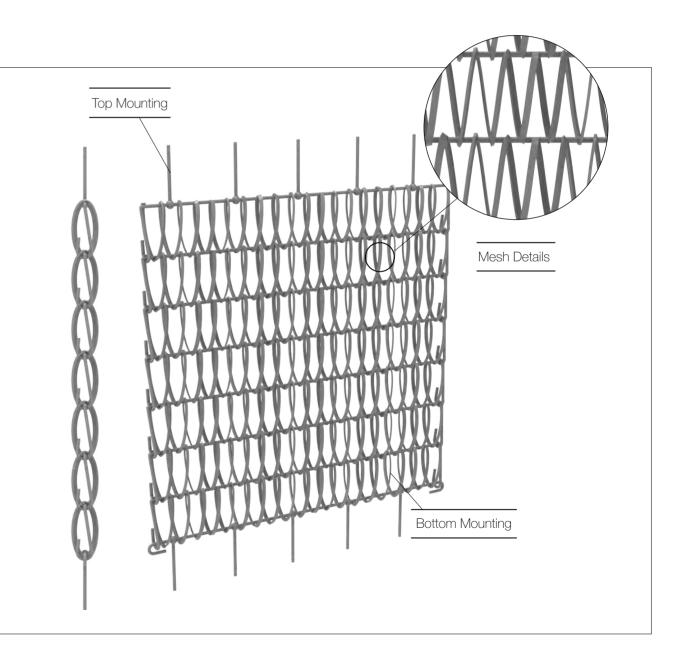
Architectural mesh (decorative mesh) features semi-transparency, aesthetic appearance and durability and offers great security protection in balustrade and safety barrier applications.

Here we list 6 methods of architectural mesh balustrade installation for your reference to help you choose the best installation method perfect for your project.

## Eyebolts

1 Attach eyebolts to the cross rod of the mesh fabric.

2) Tension the mesh fabric to a structural steel flange with turnbuckles or nuts.



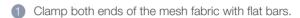


#### Flat & Angle with Threaded Rod

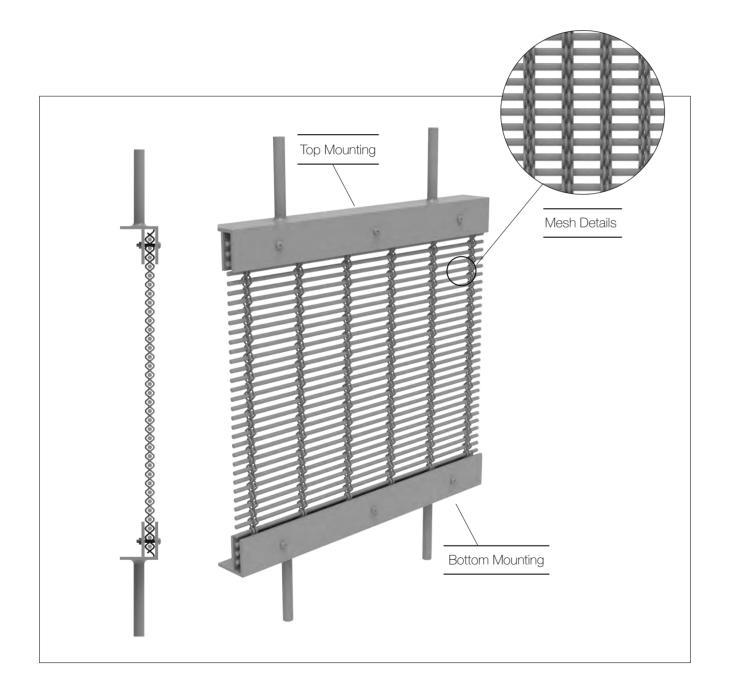
#### Flats with Clevis

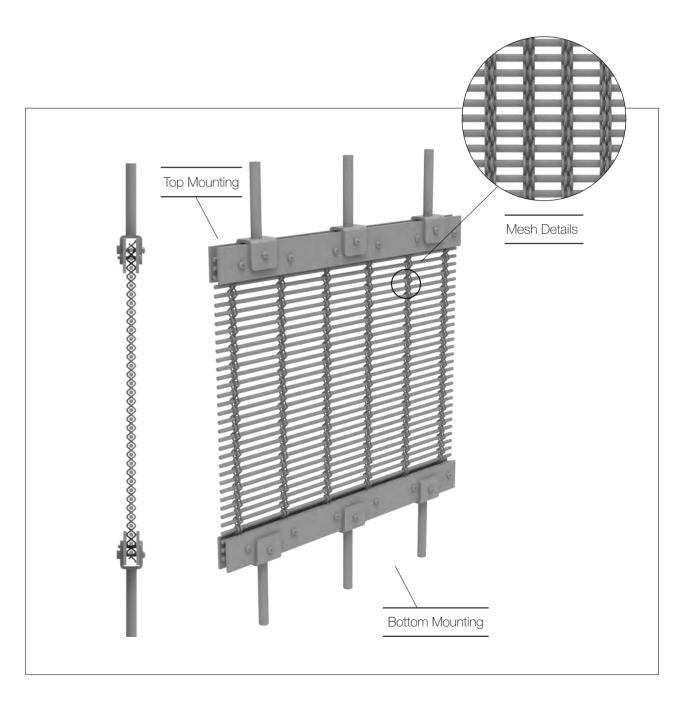
1 Clamp the mesh fabric with flat and angle bars with a threaded rod.

2 Weld threaded rods to the angle bar for tensioning by turnbuckles or nuts.



2 Attach clevises with threaded rods to the flat bars for tensioning by turnbuckles or nuts.









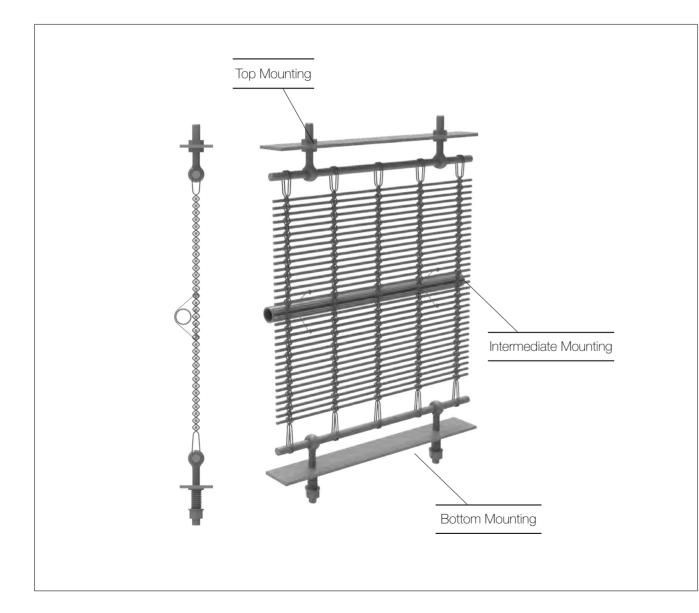


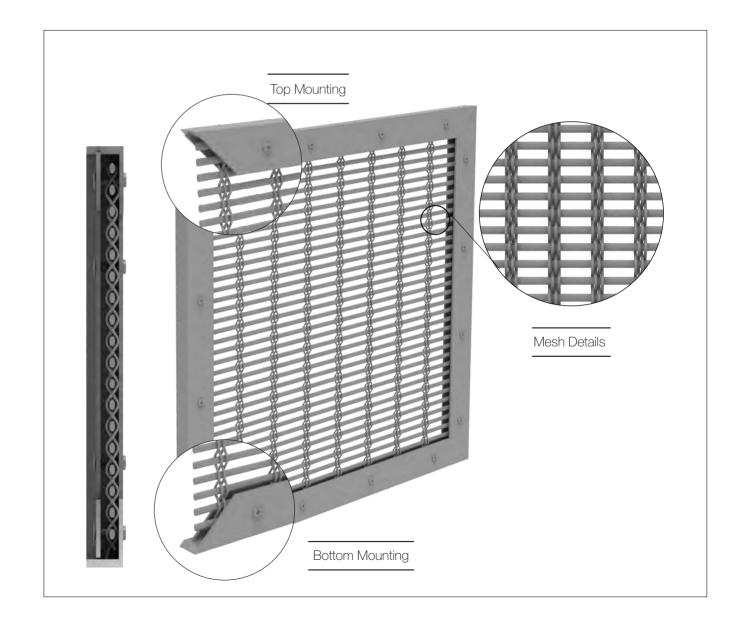
## Woven-In-Bar (WIB) with Eyebolts

- 1 Incorporate round bars into the top and bottom of the metal fabric to replace woven weft wires.
- 2 Attach eyebolts to round bars and secure eyebolts to brackets at the top and bottom for tensioning by turnbuckles or nuts.

## Angle Steel & Frame

- 1 Clamp tight and bolt the mesh fabric into a frame made of flat and angled bars.
- 2 Mesh fabric is not tensioned to assure flatness.



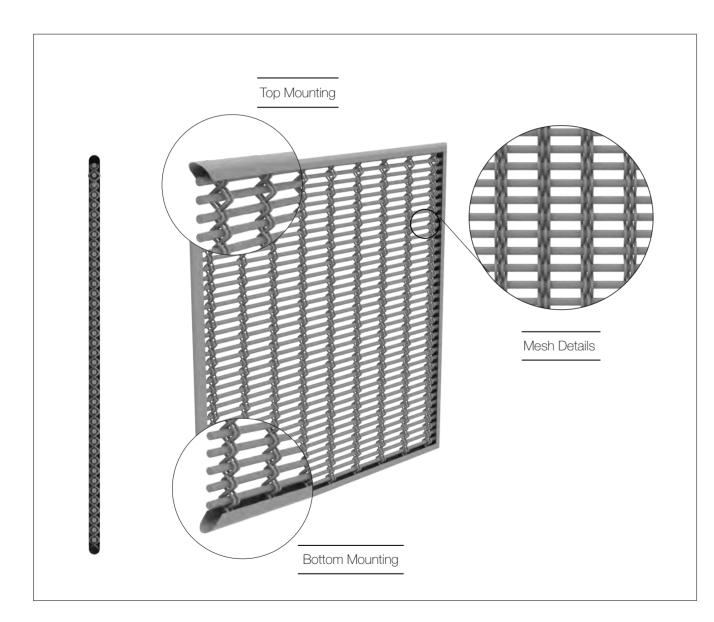


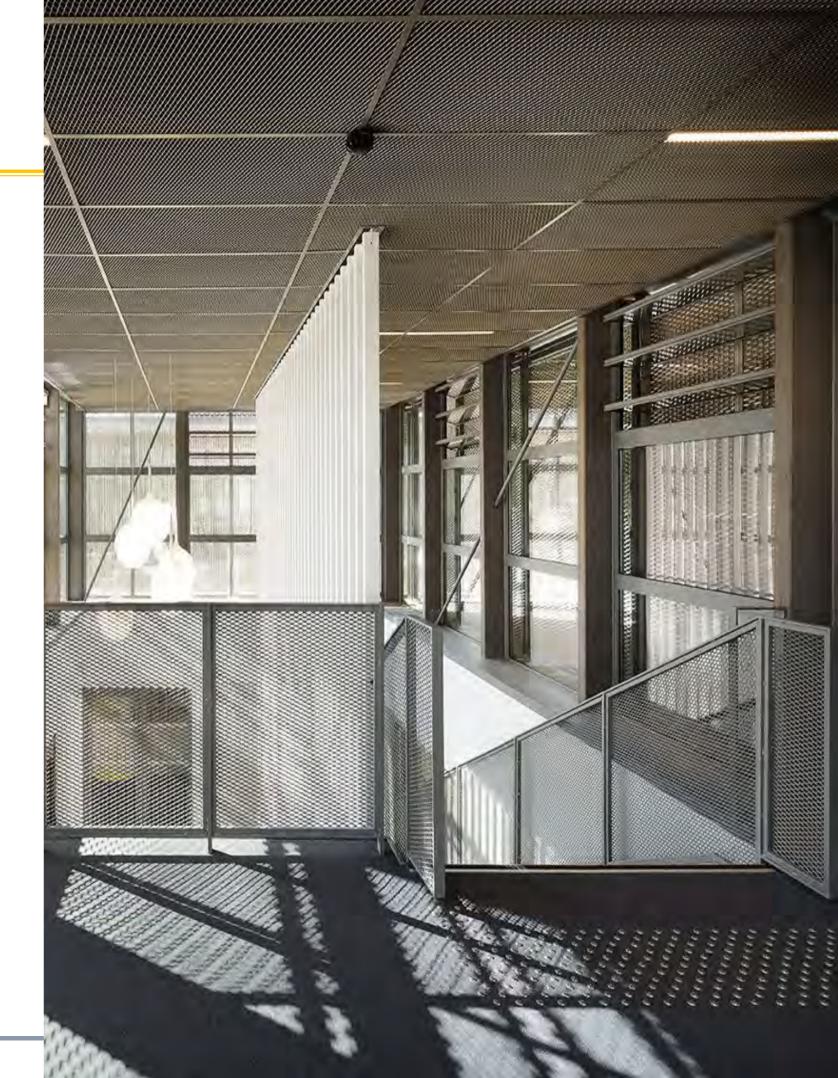


## **U-Binding Frame**

1 Use a frame with U- channels to envelope the mesh fabric.

2 Weld and secure the mesh fabric in place.





# **ARCHITECTURAL MESH** APPLICATION

# Ceiling

Forget the concrete or grilles ceilings when you design the ceilings. Hundreds of Argger architectural meshes give your design truly unique and tantalizing textures and patterns to make your design extraordinary.

Argger architectural metal mesh ceilings have unparalleled overhead functionality. They effectively hide wiring, plumbing, ductwork, mechanical and support structures. Fireproof structure guarantees your site security. Unique mesh patterns allow free flow of air and sprinkler system water.

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Concert hall ceiling

Studio ceiling

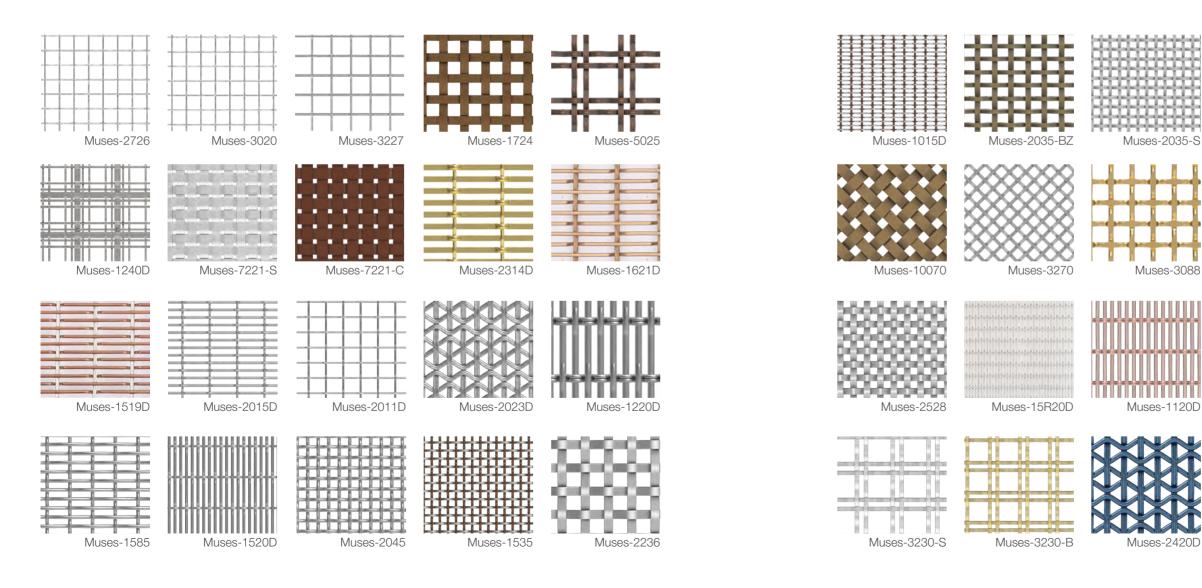


Shopping mall ceiling

Theater ceiling



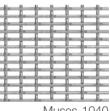




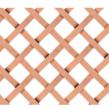
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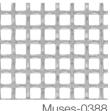
Muses-3070







Muses-6853



Muses-31100D

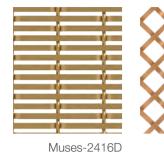
Muses-0388

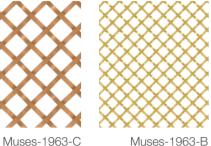


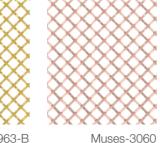
Muses-2419

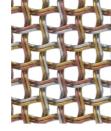


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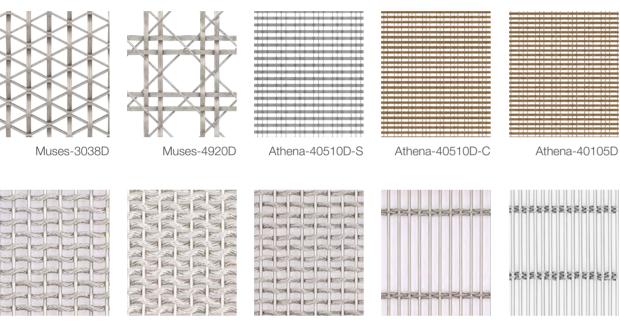






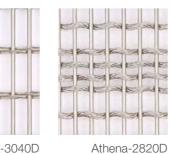








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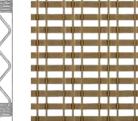




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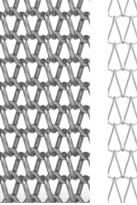
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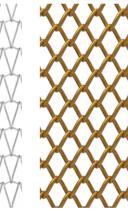
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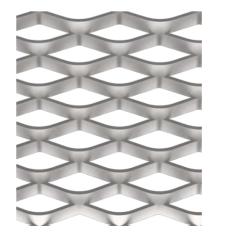
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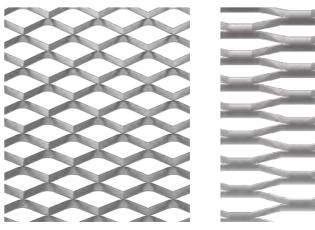




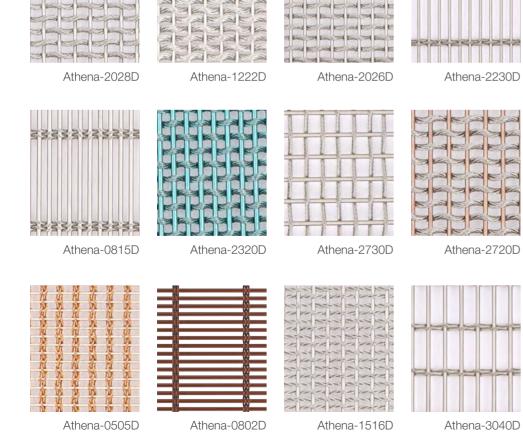
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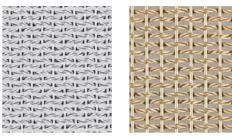


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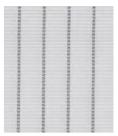


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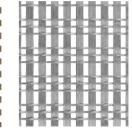
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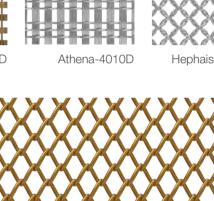


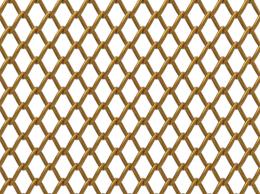
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Astraios-2020

Astraios-1820



#### Fixed System

- 1 Use the tension clamp to clamp both end of the architectural mesh.
- 2 Install the clevis bolts onto tension clamp and fasten them to the tension profile.
- 3 Adjust the clevis bolts for precise tension of each horizontal elements.
- 4 Adjust or minimize the sagging of each mesh element through setting the required tension.

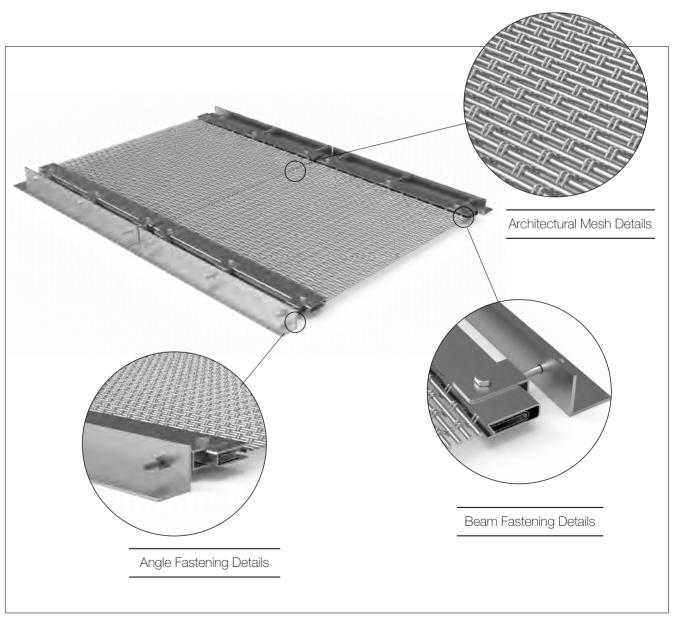


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Architectural mesh (decorative mesh) features strong structure and aesthetic appearance which is widely used in ceiling designs.

We supply Three architectural mesh ceiling installation for different places and decoration style.



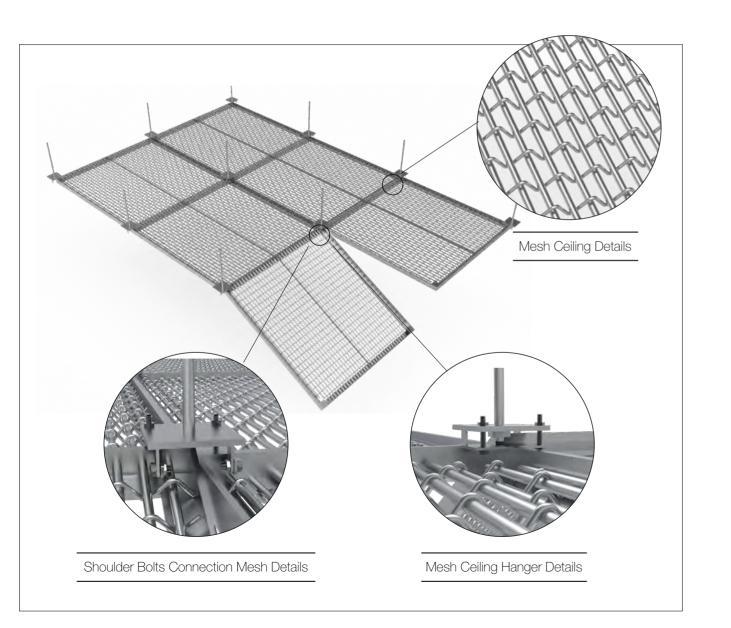




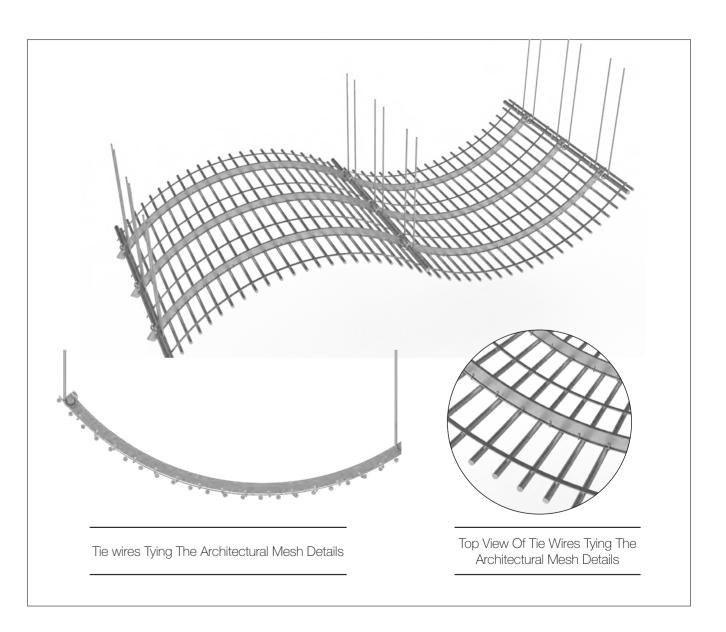
#### Removable System – Without Sagging

#### **Ceiling Suspension System**

- 1 Tie the architectural mesh onto frames. To avoid sagging, the architectural mesh should be tied onto the frame under pretension condition.
- 2 Fix one side of the frames onto the suspension with hinge.
- 3 Use the hexagon key to access through the mesh and fix the other end of frame onto suspension bracket with shoulder bolt.
- 4 When needed, remove the shoulder bolt, and panel hinged open for access (repairing, maintaining or installation).



- 1. Frame structures will be laser cut into flat fins or any designed suitable shapes at the factory.
- 2 2.Install the laser cut frame structures onto the round bars.
- 3. Tie the architectural mesh onto structure frames with stainless steel tying wires.
- 4. Fasten the round bars onto hangers from the roof trusses.





#### **ARCHITECTURAL MESH** APPLICATION

#### Parking Screen

Argger architectural mesh is incorporated into parking structures to create an environment for vehicle security and visual appeal. Thanks to its transparent features, no mechanical system is required for ventilation, thus saving energy and costs.

Practical and functional benefits of Argger architectural mesh parking screen:

- Protect the garage from environment conditions, such as rain, wind, snow and ice.
- The transparency of Agger architectural mesh offers high visibility, natural lighting and ventilation.
- Cost-effective installation, long lifespan.
- Virtually maintenance free once installed, easy to clean and non-flammable.
- Provide comfortable shading and sun protection in the garage.
- Its mesh structure serves as an effective guardrail to prevent pedestrians from falling.
- Its light reflection characteristic gives the building a unique, appealing appearance.
- Installing an architectural mesh is a cost-effective method as its less complexity and costs are less than building a concrete structure.









University parking lots

Shopping mall parking lots

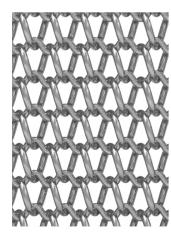


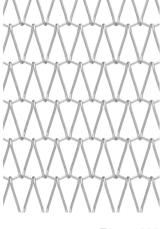
Community parking lots

Apartment parking lots



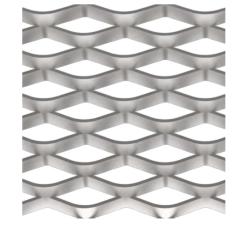








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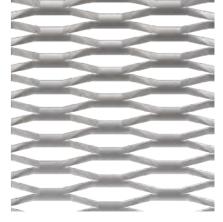


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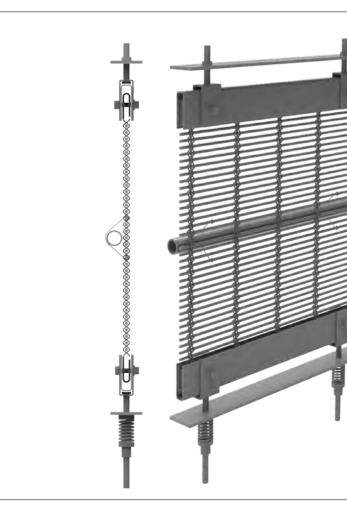
#### Installation

Architectural mesh often serves as parking screen to provide safety protection and sun shading for parking garages.

We list several simple and quick methods for architectural mesh parking screen installation to help you finish your parking screen installation as scheduled.

#### Flat Tension Profile with Clevis

- 1 Attach the clevis bolts to the top tension profile, leaving two clevis bolt openings available.
- 2 Secure the clevis bolts to the flat tension profile with self-locking nuts.
- 3 Place the mesh roll into the cradle and attach the lifting tools to the clevis bolt openings mentioned in step 1.
- Q Use a crane to lift the mesh roll, the mesh roll will unroll within the cradle automatically. Attach a rope on both ends of the bottom and two helpers shall guide the mesh roll to avoid movement when unrolling.
- 5 Attach the top clevis bolts to the top substructure profile.
- 6 Repeat Step 1, Step 2 and Step 5 to attach the bottom clevis bolts.
- Compress the pressure springs in the bottom substructure profile to pre-tension the mesh fabric.
- 8 Warp wire connectors around intermediate round bars located behind the mesh fabric and fasten the mesh fabric from the backside.



Top Mounting

Intermediate Mounting

Bottom Mounting



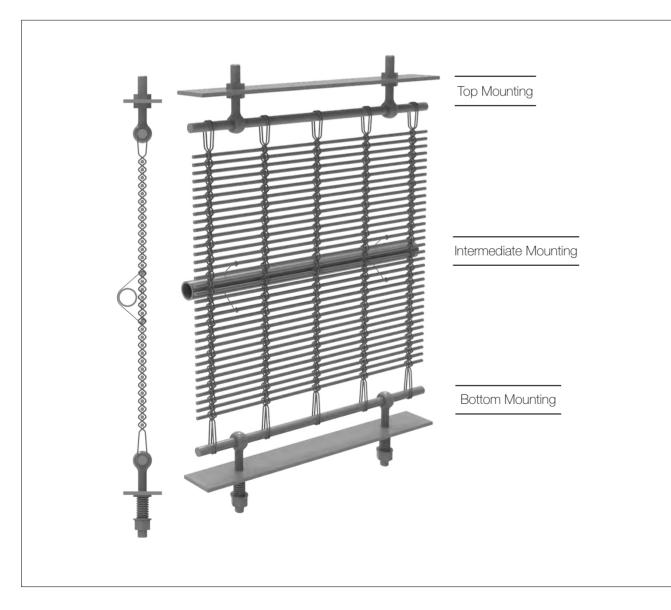
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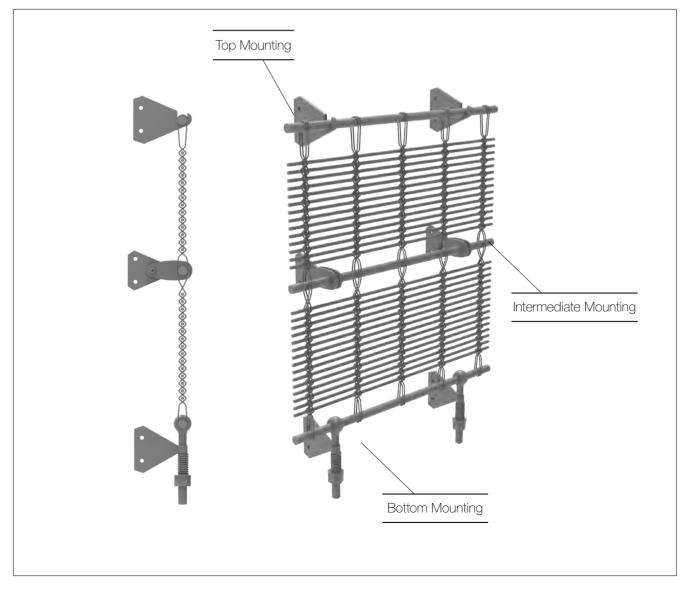
#### Woven-In-Bar (WIB) with Eyebolts

#### Woven-In-Bar (WIB) with Hooks & Springs

- 1 Incorporate round bars into the top, bottom and middle part of the metal fabric to replace woven weft wires.
- 2 Connect the top round bar with eyebolts and then tension and fix eyebolts to continuous substructure profile with nuts or with fastening brackets.
- 3 Warp wire connectors around intermediate round bars located behind the mesh fabric and hold the mesh fabric from the backside.
- Insert the bottom round bar with eyebolts into the mesh fabric and connect eyebolts with tension springs. Fasten these springs onto the bottom brackets or a continuous substructure to tension the panels.

- 1 Incorporate round bars into the top, bottom and middle part of the metal fabric to replace woven weft wires.
- 2 Insert the top round bar into triangular fastening brackets to hang the mesh fabric.
- Integrate intermediate round bars with triangular pivoting brackets into the mesh fabric to stabilize vertical tension and horizontal movements.
- Insert the bottom round bar with eye bolts into the mesh fabric and connect eye bolts with tension springs. Fasten these springs onto the bottom brackets to apply pre-tension to the fabric and reduce the tension force on the structure







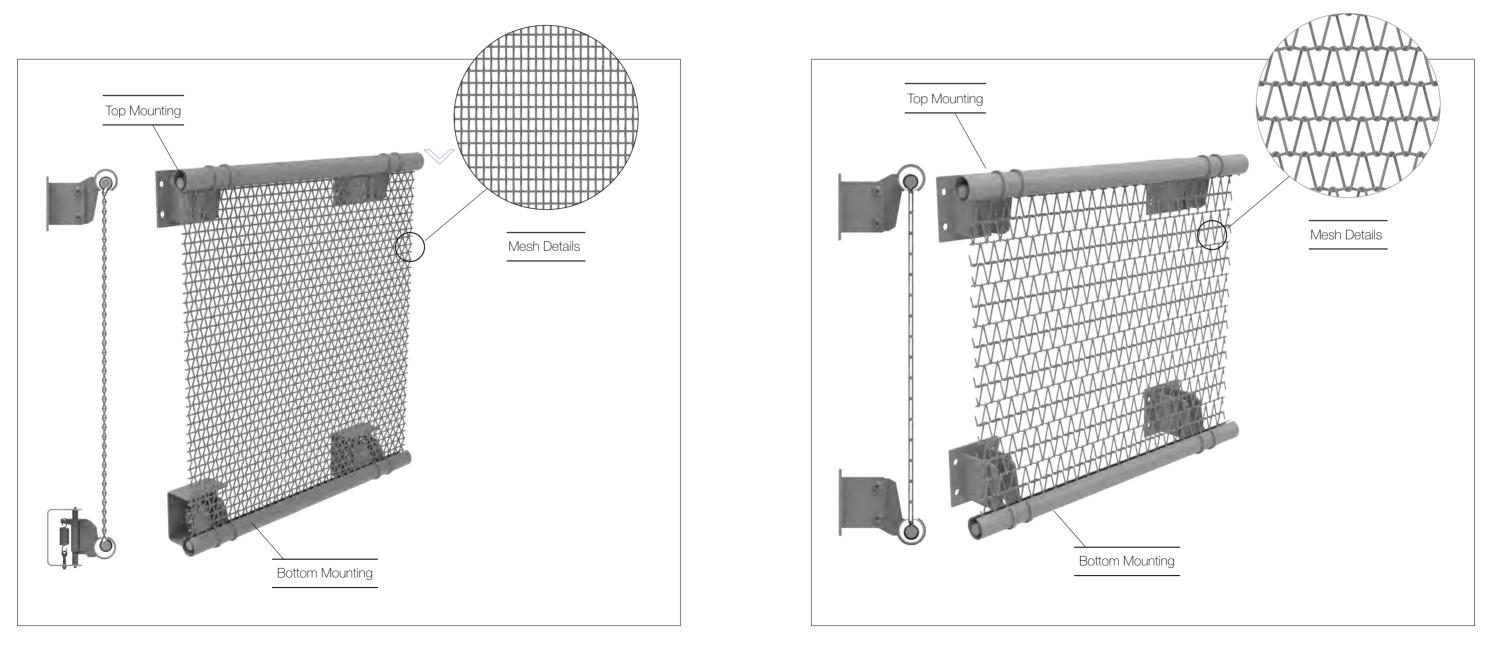
#### Cylindrical Shroud & Springs

#### Cylindrical Shroud & Brackets

- 1 Make the architectural mesh fabric pass through a defined envelope.
- 2 Terminate both ends of the metal fabric within the cylindrical shrouds.
- 3 Use the bar in the cylinder to permanently secure the mesh fabric.
- 4 Tension the mesh fabric with a hidden spring system at the bottom.

#### 1 Make the architectural mesh fabric pass through a defined envelope.

- 2 Terminate both ends of the metal fabric within the cylindrical shrouds.
- 3 Use the bar in the cylinder to permanently secure the mesh fabric.
- 4 Tension the mesh fabric mechanically from the top and bottom brackets.





#### **ARCHITECTURAL MESH** APPLICATION

# **Elevator Cab**

As an integral part of interior decoration, Argger decorative meshes are installed in the elevator cabs for modernization renovation and cladding to offer a flat, smooth yet textured appearance to the elevator cab and add an appealing feel to the elevator. Featured by beautiful, durable and maintenance free, the metal mesh is a highly durable material that can hold up to the elevators' heavy use.





Hospital buildings

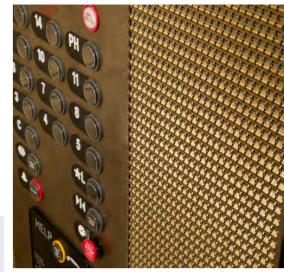




Commercial buildings



Government buildings



Hotels



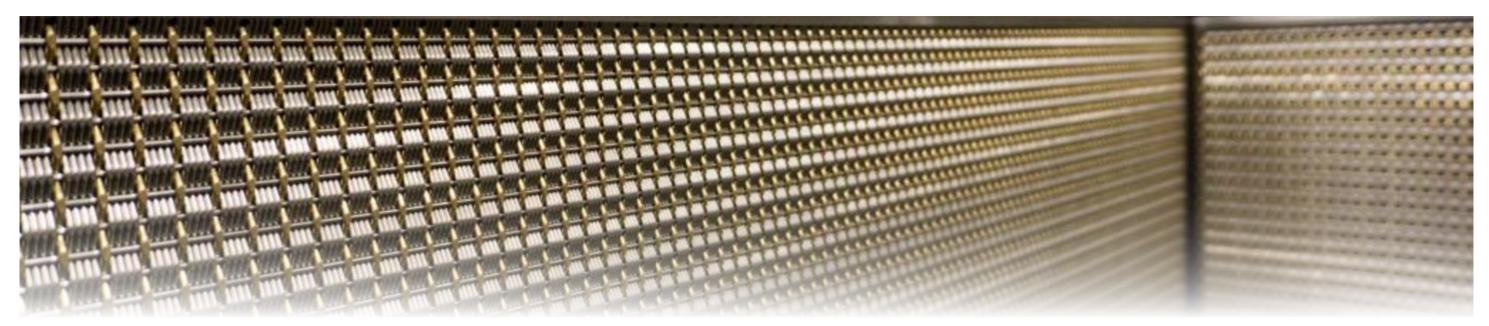
Residential buildings

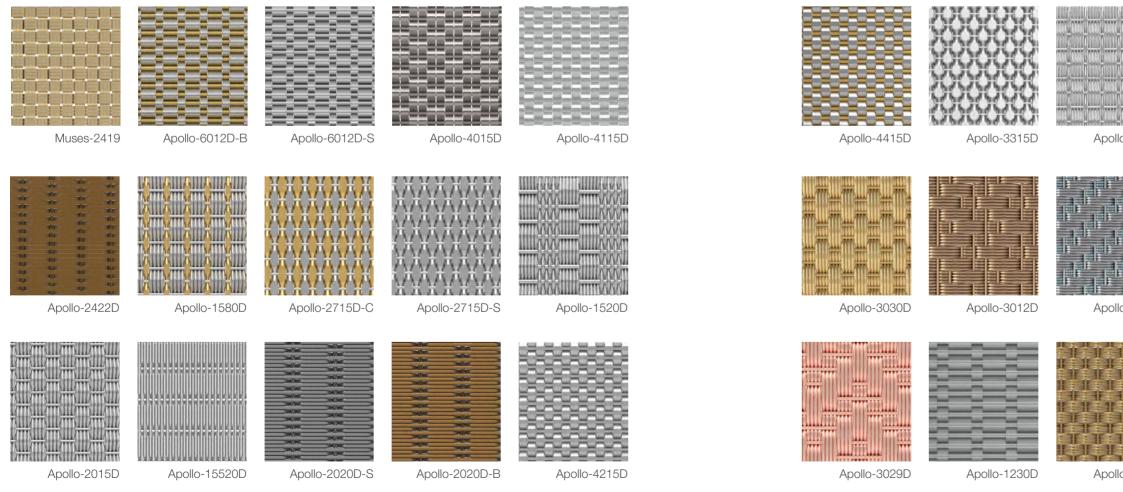


Commercial buildings



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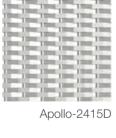
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## Installation

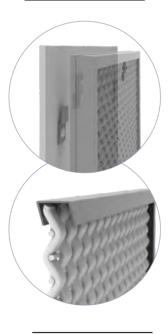
Architectural mesh (decorative mesh) features aesthetic appearance, durable and virtually maintenance free and is widely used in elevator cab designs.

Here we list detailed installation steps to help you finishing your architectural mesh elevator cab installation correctly and quickly.

#### **Elevator Panel System**

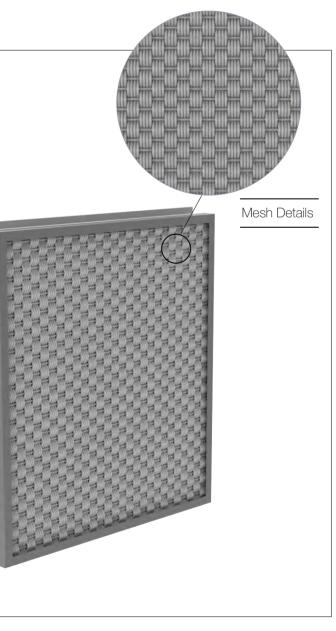
- 1 Fasten the architectural mesh to an aluminum backer.
- 2 Warp the edges of the architectural mesh fabric in a brushed J-trim.
- 3 Hang the architectural mesh on a typical wall substrate with Z-clips or similar hardware.





Frame Details







#### **ARCHITECTURAL MESH** APPLICATION

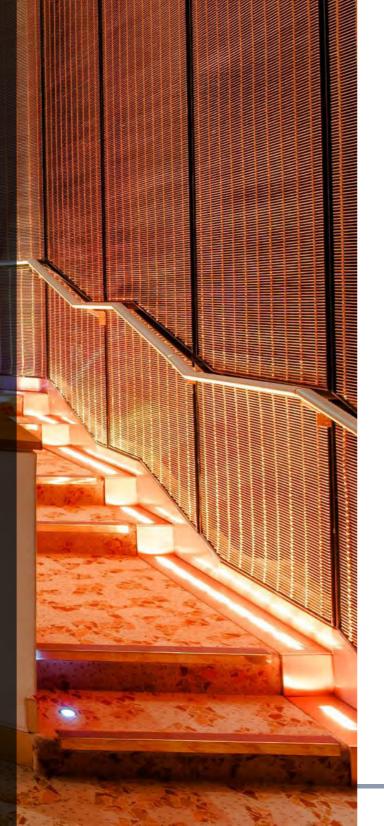
#### Wall Covering

Argger decorative mesh can be used as wall coverings to add authentic quality to walls while offering great resistant to scratches, indentations and corrosion. Moreover, Argger decorative mesh wall covering is safe and durable and is your ideal choice for high traffic areas.

Argger decorative mesh wall covering is easy to maintain and clean and not easy to flame.

Argger decorative mesh is ideal for cladding installations as it hides and protects pipelines behind walls. Besides, the aperture of the Argger decorative mesh can be adjusted to accommodate ventilation systems.

As Argger decorative mesh is made of round wires that can scatter sound in different directions, it offers optimized acoustic effect and is an ideal choice for creating acoustically effective walls.







Corridor wall covering



Mall wall covering

Cinema wall covering

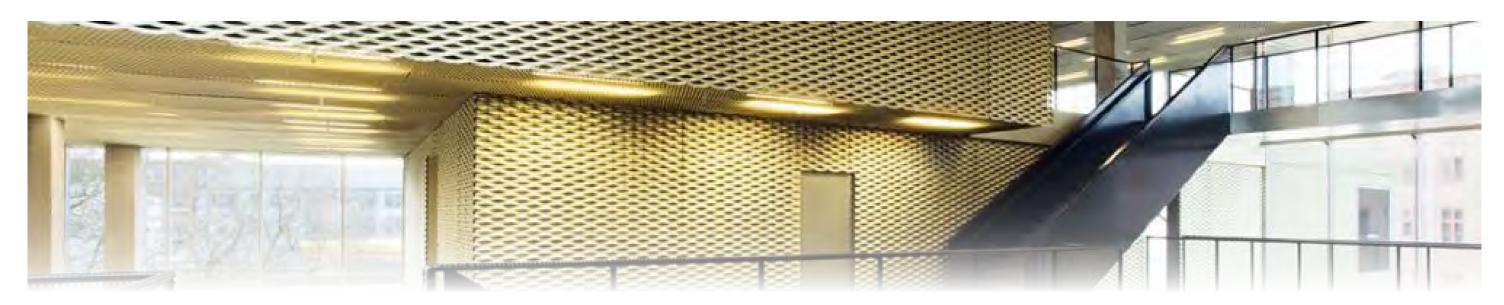


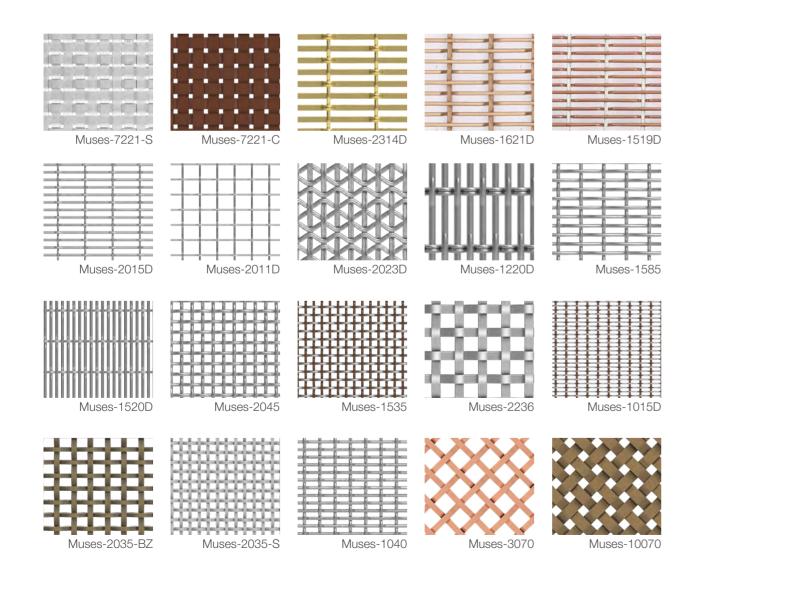
Dining room wall covering



Concert hall wall covering





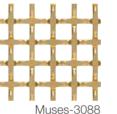




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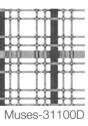
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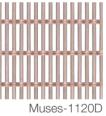




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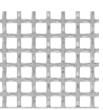
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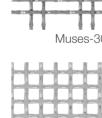




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Muses-2419

Muses-2528

Muses-3865



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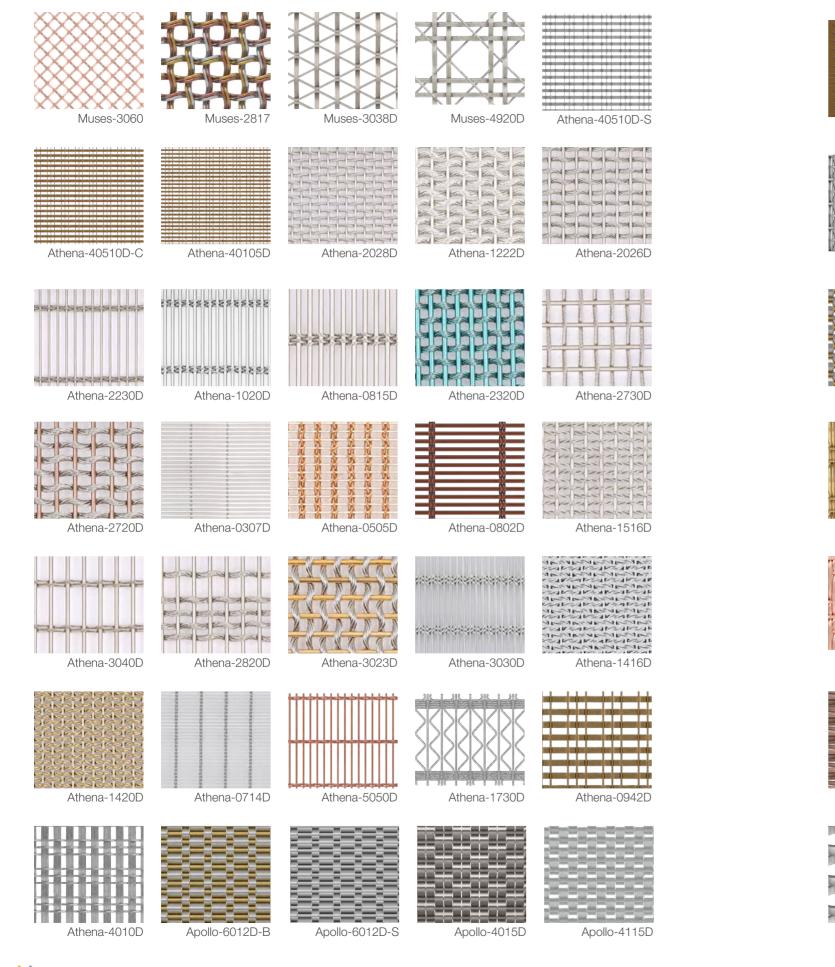








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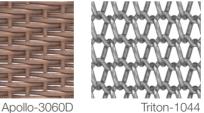
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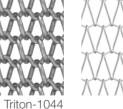
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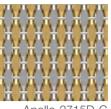
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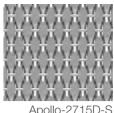


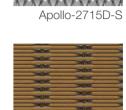






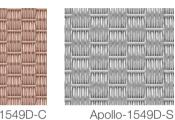
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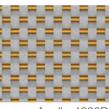
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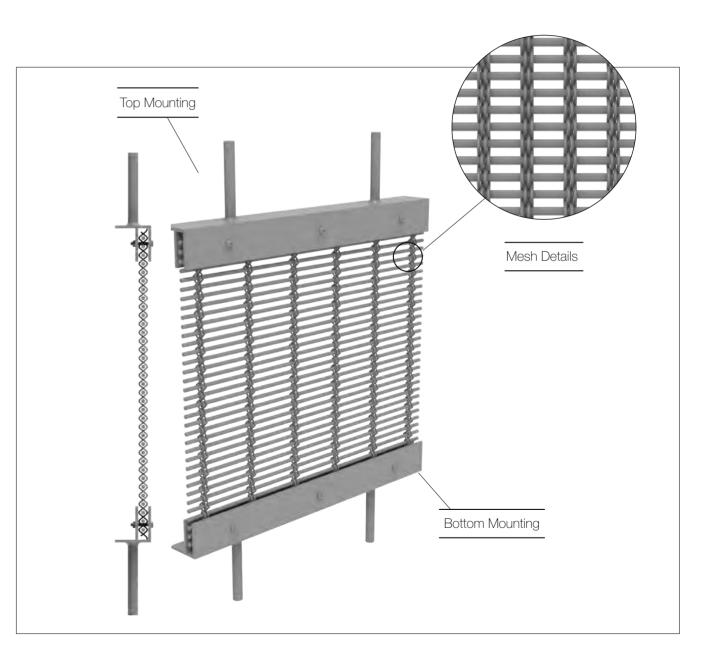
#### Installation

Architectural mesh (decorative mesh) features great quality, aesthetic appearance and durability and is widely used in interior wall decorations to add unique charm to your project.

Here we offer 4 methods of architectural mesh wall covering installation for your reference to help you create a seamless, aesthetic interior wall decoration effect.

#### Flat & Angle with Threaded Rod

- 1 Clamp the mesh fabric with flat and angle bars with a threaded rod.
- 2 Weld threaded rods to the angle bar for tensioning by turnbuckles or nuts.





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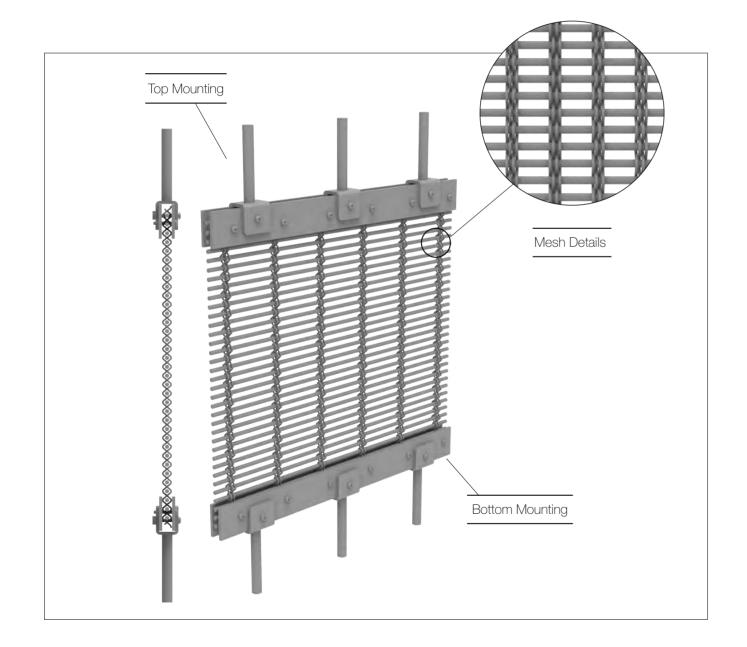
#### Flats with Clevis

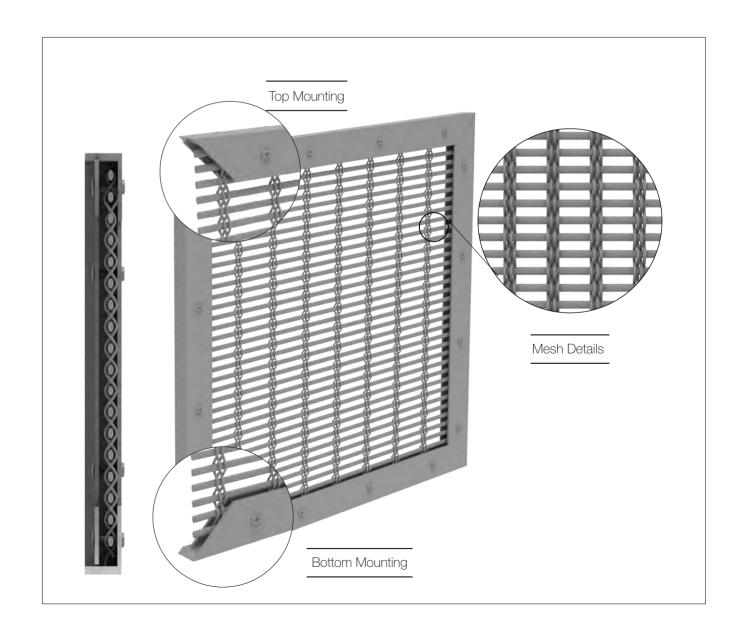
1 Clamp both ends of the mesh fabric with flat bars.

2 Attach clevises with threaded rods to the flat bars for tensioning by turnbuckles or nuts.

#### Angle Steel & Frame

- 1 Clamp tight and bolt the mesh fabric into a frame made of flat and angled bars.
- 2 Mesh fabric is not tensioned to assure flatness.





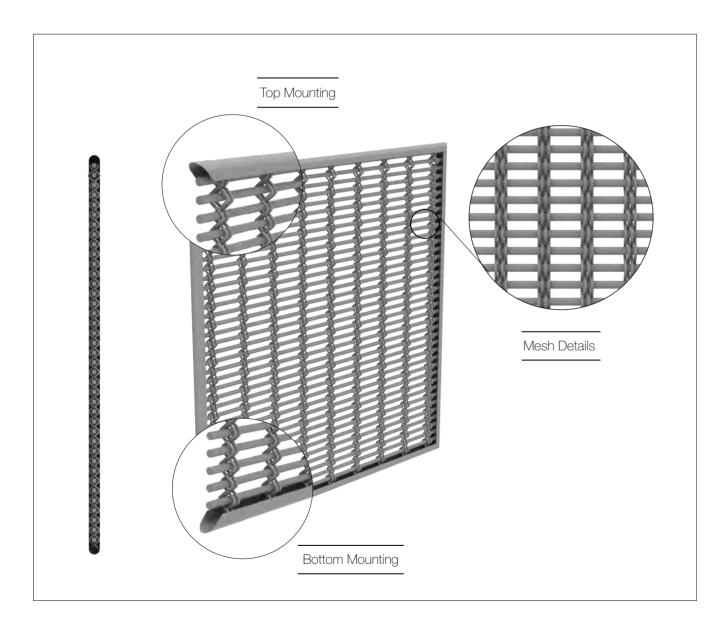


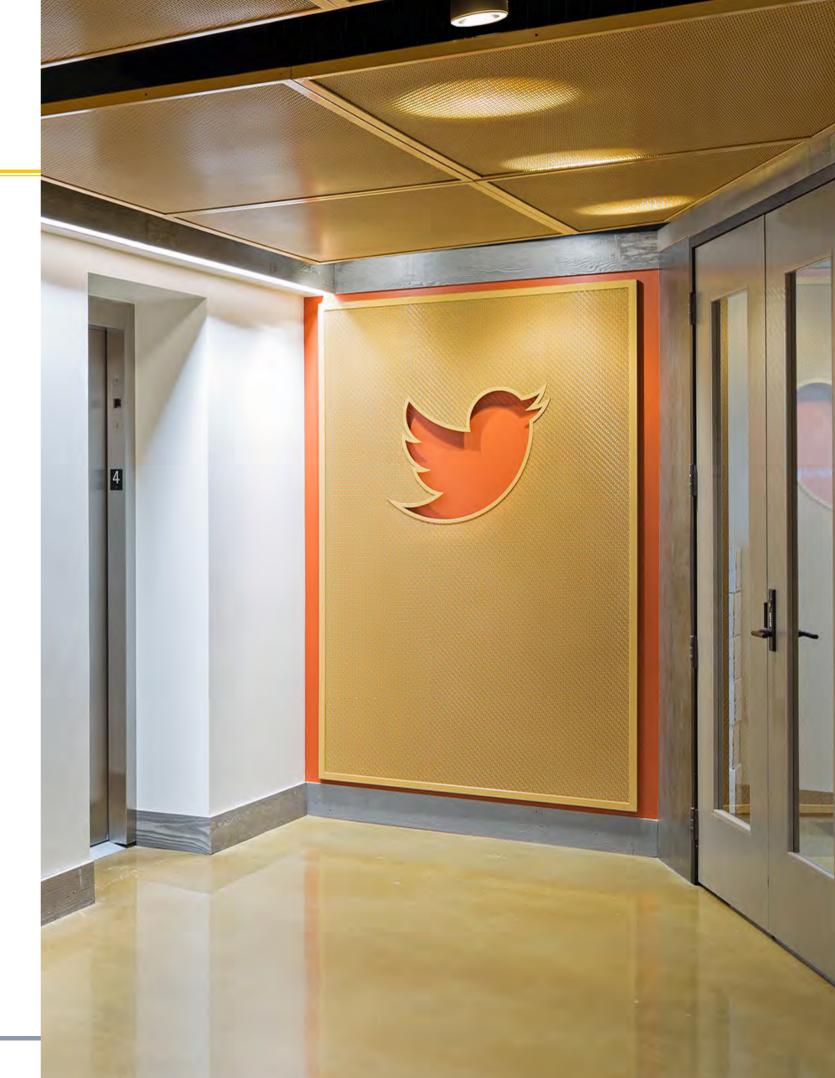
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#### **U-Binding Frame**

1 Use a frame with U- channels to envelope the mesh fabric.

2 Weld and secure the mesh fabric in place.





#### ARCHITECTURAL MESH APPLICATION

#### Interior Design

Argger decorative meshes are widely used in interior design and serve as curtains, centerpiece reception desks, lampshades, signs, etc.

Decorative mesh curtain: It is an ideal choice for places where puts transparency and elegant appearance a top priority. Argger decorative mesh curtain comes in a variety of mesh patterns, widths and heights or can be customized to fit specific project needs.

Characterized by high strength and exceptional durability, decorative mesh curtain offers good visibility, natural lighting and ventilation due to its large open area.

Decorative mesh centerpiece reception desk: Argger decorative mesh is specially engineered and custom installed to bend along the curve of the reception desk and adapt to the shape of structure flexibly.

Argger decorative mesh helps create a unique aesthetic feel when works with the rich colors and layered textures in the room. As it reflects sunlight or interior lighting in the hall, the appearance of decorative mesh subtly varies as the time of the day changes.

Decorative mesh lampshade: Argger decorative mesh used as part of a chandelier makes an extraordinary visual effect. Light can dance and reflect off the metallic surface of the lighting fixture, and unique geometry of each metal wire adding subtle sparkle to the room.

Decorative mesh sign: Fabricated of multilayer Argger decorative woven mesh, decorative mesh sign delivers variable textures as distance and angle change. With a given crimp "pitch", the designer crates the frequency of weave and determines the distance between wires to control density, percent open area, length-width ratio and pattern, offering unlimited design possibilities.





Curtain





Background wal



Shop sign



Lampshade



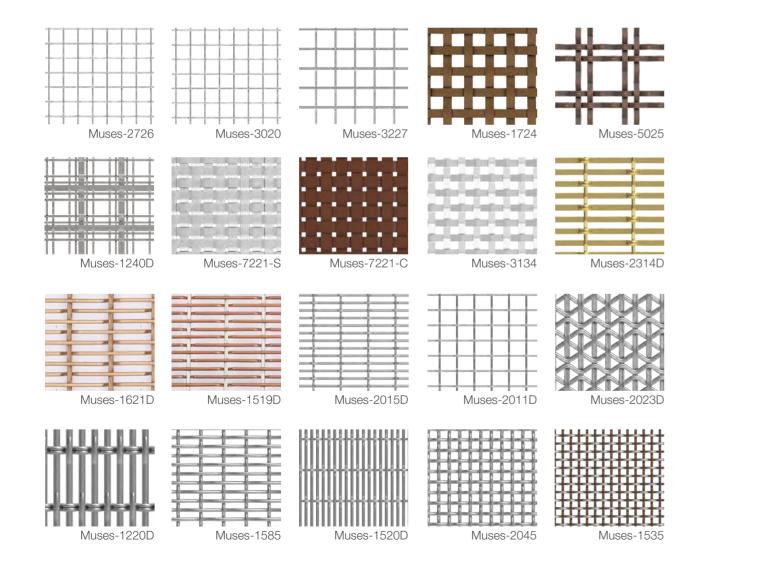


Centerpiece reception desk



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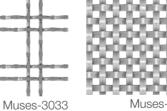
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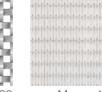
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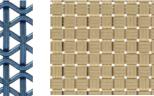


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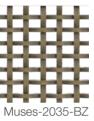


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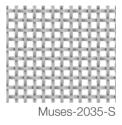


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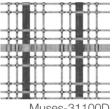
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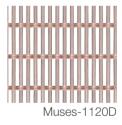


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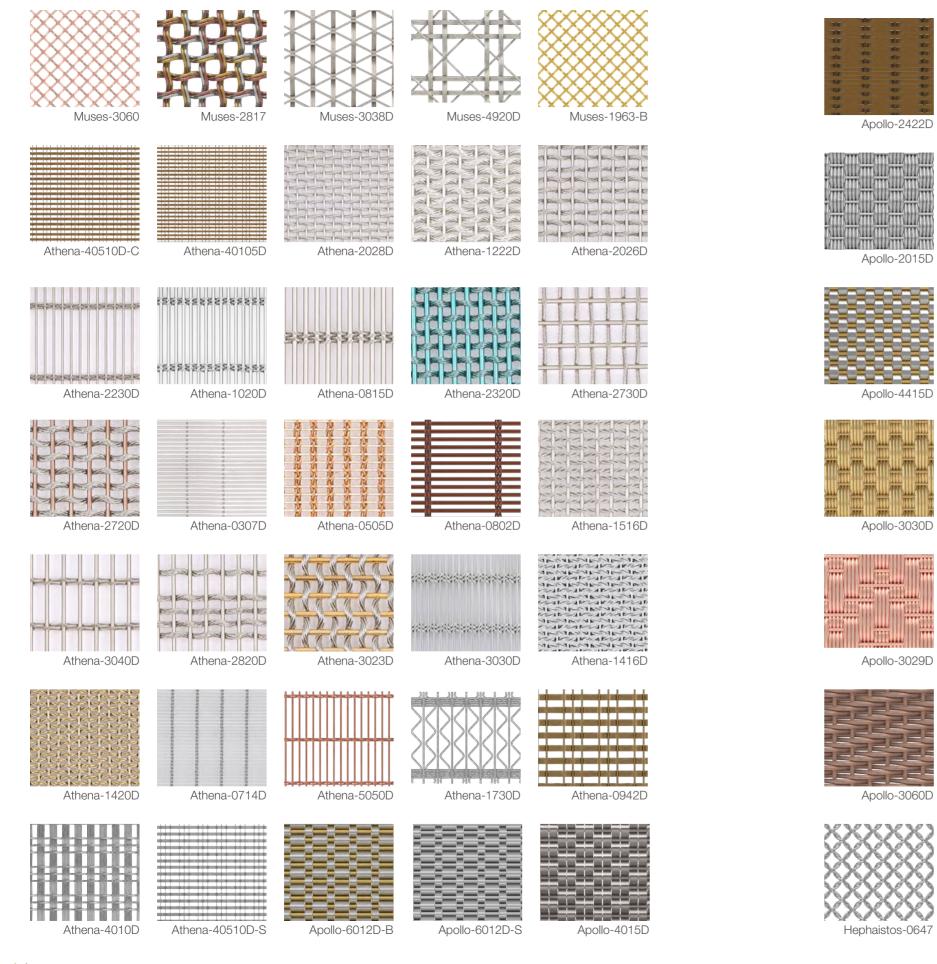


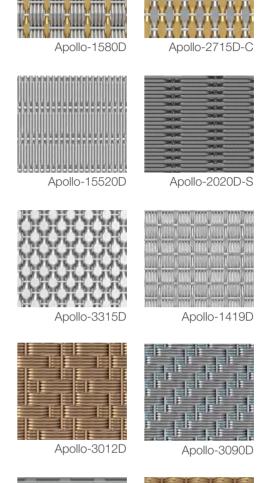


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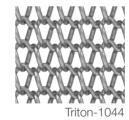
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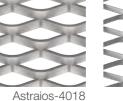
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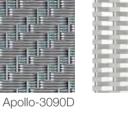
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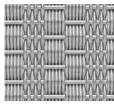




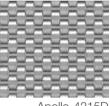
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Triton-1095

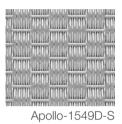
Astraios-1820

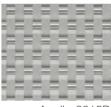


Apollo-1520D



Apollo-4215D





Apollo-2815D



Apollo-4020D





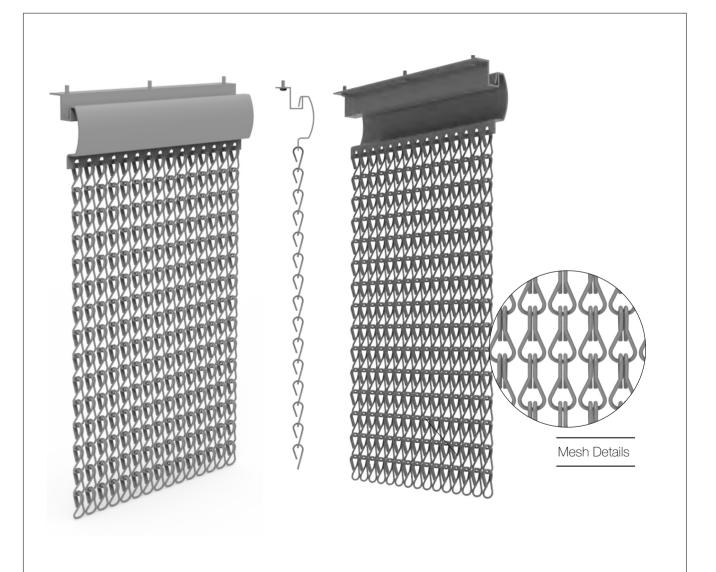
#### Installation

How to finish decorative mesh curtain installation? Here we offer 3 installation methods and corresponding accessories for you to choose from.

#### Fixed Track

1 Insert the mesh fabric into the predrilled holes on the rod.

- 2.Hook the rod into the ceiling hook.
- 3 Install the ceiling hook onto the ceiling.



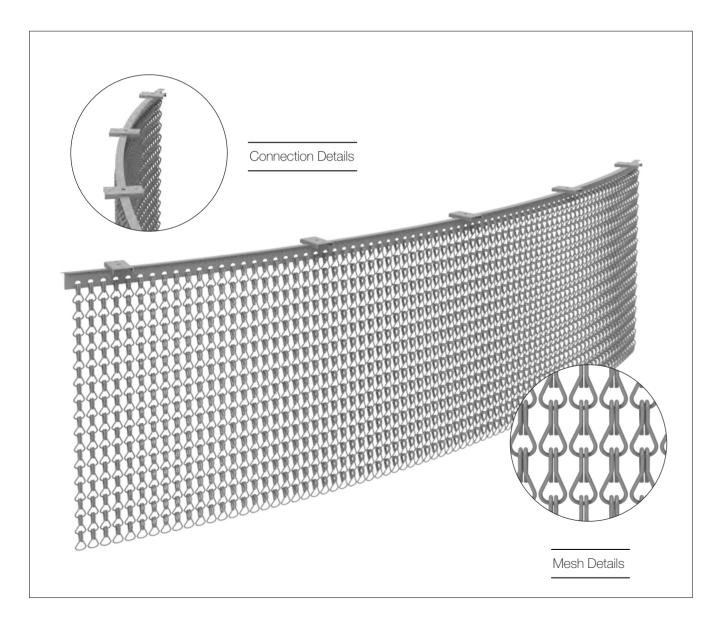


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#### **Cambered Track**

1 Insert the mesh fabric into the predrilled holes on the T-track.

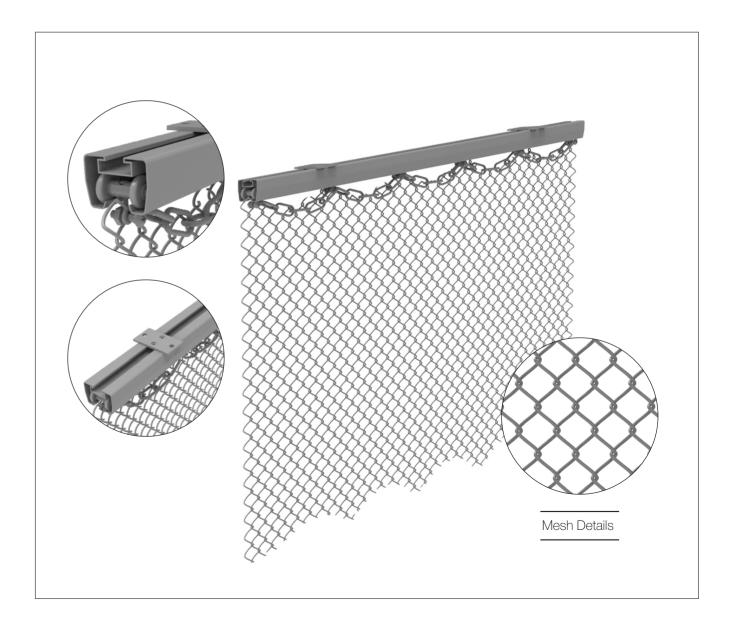
2 Install the T-track onto the ceiling.



#### Flexible Track

1 Slip pulley wheel into the track.

- 2 Fix the track head at both ends.
- 3 Confirm the gap of mesh curtain folds.
- 4 Connect and fix the track, mesh curtain and metal chain by screws.
- 5 Install the connection for track and wall.





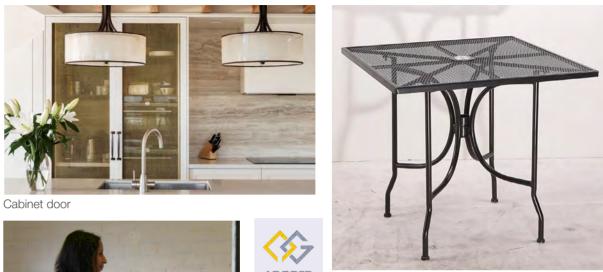


#### **ARCHITECTURAL MESH** APPLICATION

#### Furniture

Argger decorative mesh can be used in furniture decoration including cabinets, desks, chairs, etc. The combination of Argger decorative mesh and wood frame adds luxury to the overall design of the furniture and most of the antique brass metal mesh is used as a cabinet door.

Decorative mesh reflects ambient lights to create a unique visual texture. Except for aesthetically pleasing, metal mesh is solid and sturdy, making it an ideal choice for applications requiring durability.







Chair



Settee

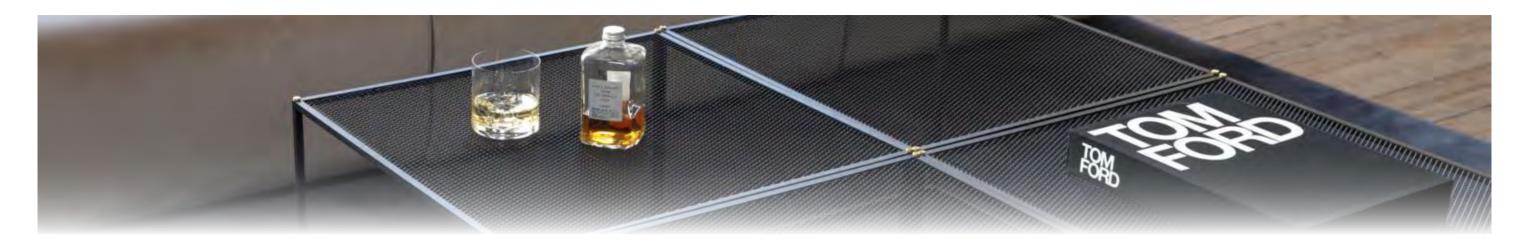
Square table

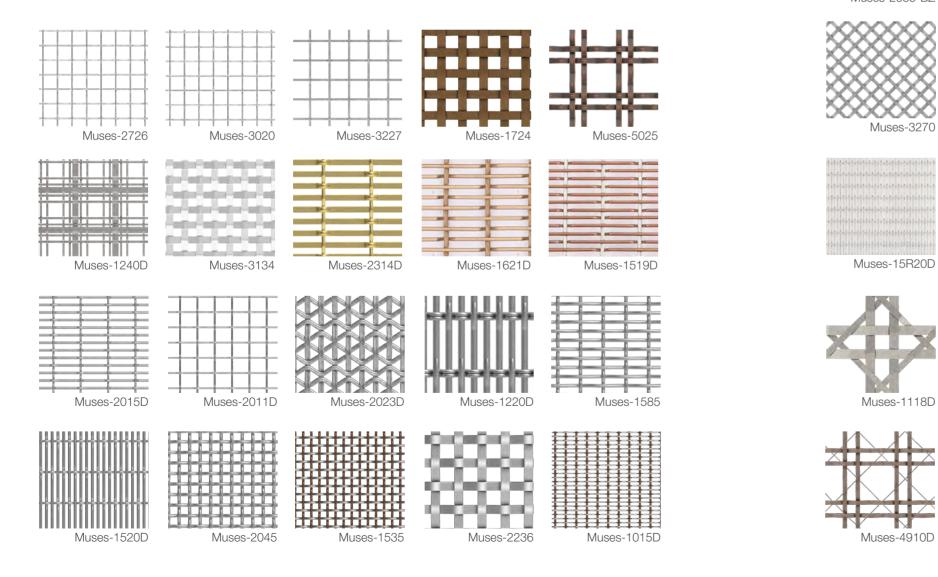


Desk drawer

Cabinet









Muses-3270

Muses-1118D

Muses-4910D

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Muses-31100D

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Muses-3230-B

Muses-6853

Muses-3230-S

Muses-2416D

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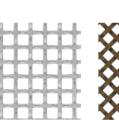












Muses-0388



Muses-3865



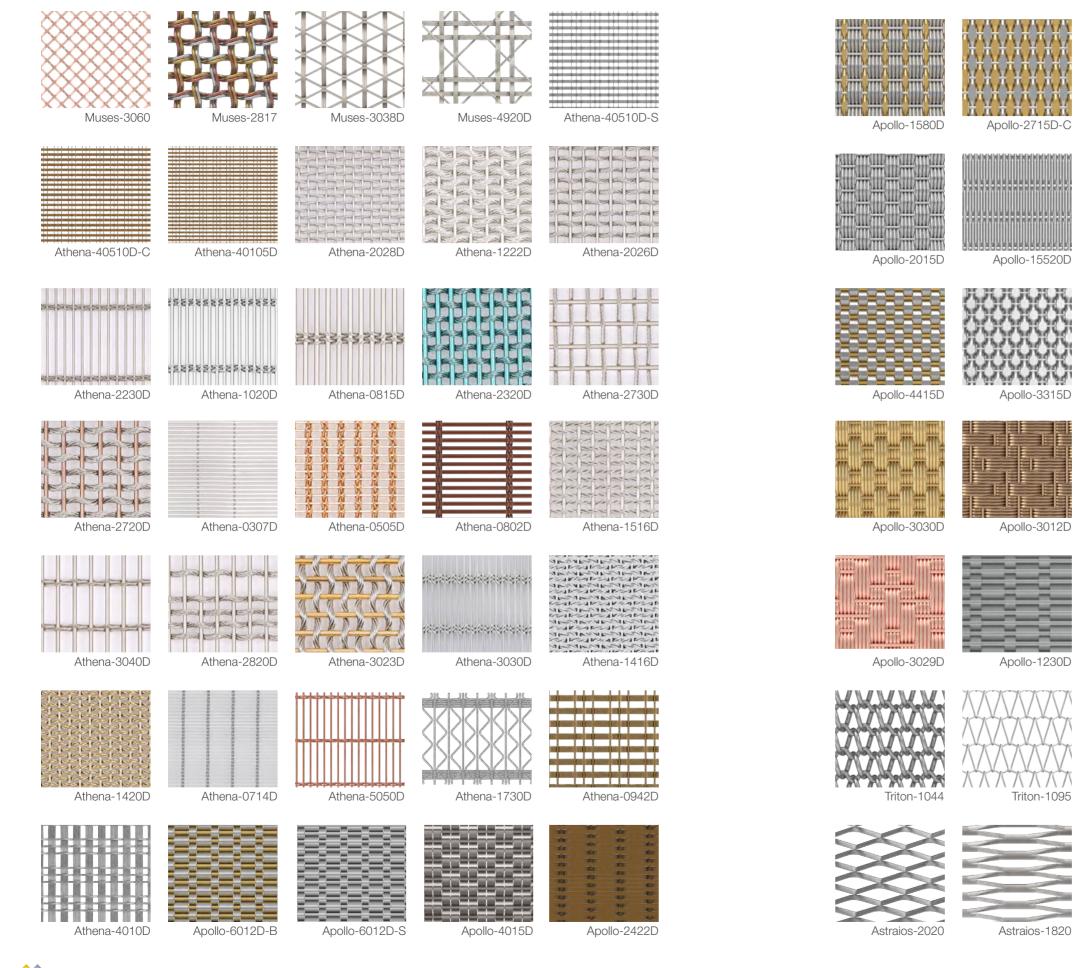
Muses-2419

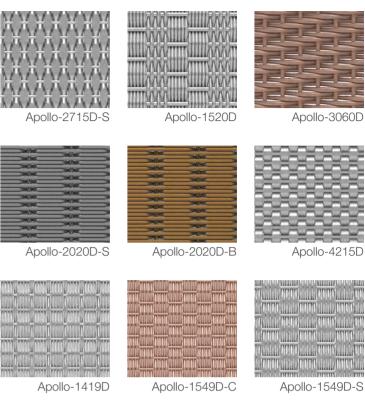












TIME

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Apollo-2415D



Apollo-2815D



Apollo-4020D

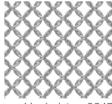


Astraios-4018

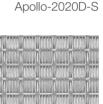












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Apollo-1419D



Apollo-3090D



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Apollo-1515D



Triton-1373



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# ARCHITECTURAL MESH CATALOG



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