



— E X P A N D F O R M —

KAPHS MIDDLE EAST

kaphsgroup.com

Expanded Metal *Mesh.*

*Architectural mesh systems
for facades, ceilings, sunshades, balustrades.*

PRODUCT CATALOGUE

Contents

A complete guide to the KAPHS ExpandForm range — concept, applications, finishes, fixing systems and the full 34-pattern product library.

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A modern architectural language in metal.

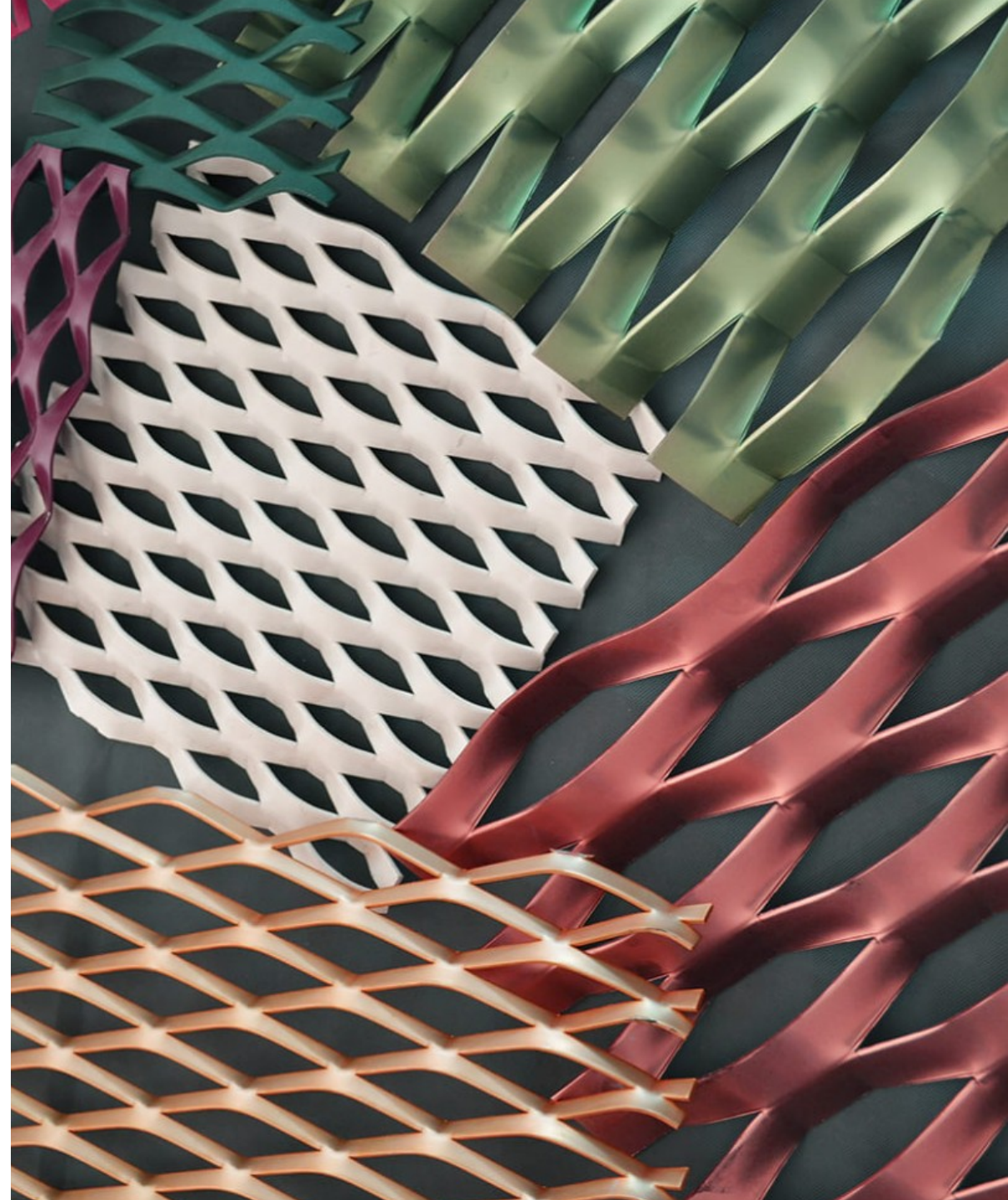
KAPHS ExpandForm expanded metal mesh is a high-performance architectural material that combines strength, durability and modern design.

Manufactured by slitting and stretching a single metal sheet, ExpandForm creates a continuous diamond pattern that enhances structural integrity while remaining lightweight — the foundation for facades, sunshades, partitions, balustrades and decorative panels worldwide.



MANUFACTURING PARTNER

**Manufactured in Sinsheim,
Germany**
by Rau Streckgitter — partners since 2015

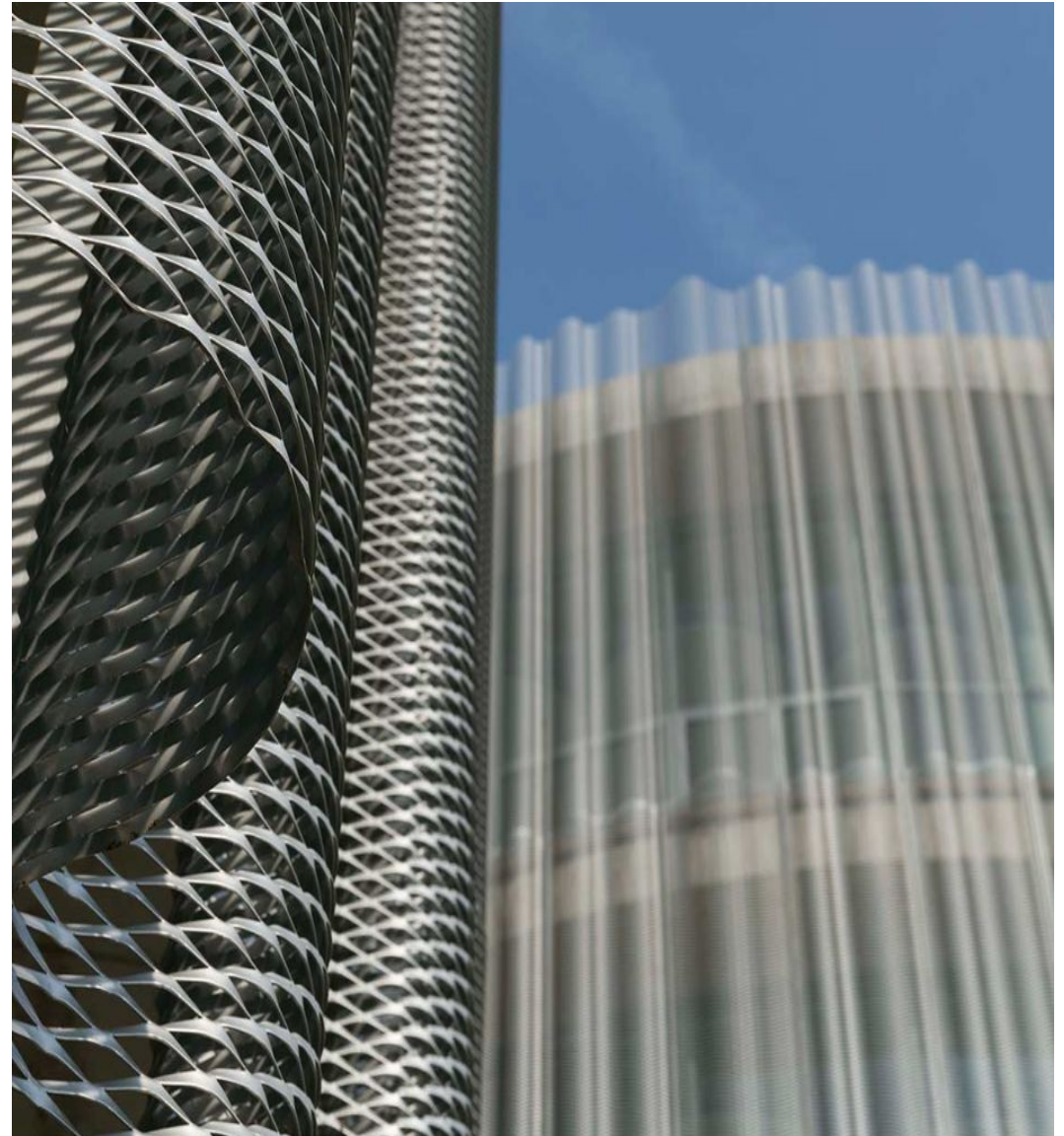


Strength, light and pattern from a single sheet.

Engineered architectural mesh

KAPHS ExpandForm expanded metal mesh is a high-performance architectural material that combines strength, durability and modern design. Manufactured by slitting and stretching a single metal sheet, the resulting continuous diamond pattern enhances structural integrity while remaining lightweight.

The range is ideal for facades, sunshades, partitions, balustrades and decorative panels. Its open structure allows natural light penetration and airflow, improving ventilation while creating dynamic visual effects. Available for both interior and exterior use, ExpandForm can be customised in different sizes, patterns and finishes — including powder coating and anodizing — making it a versatile solution for architects balancing performance, aesthetics and energy efficiency.





How ExpandForm is made.

01 Sheet selection

A single sheet of aluminium or steel is chosen for the required thickness and finish.

02 Slit & stretch

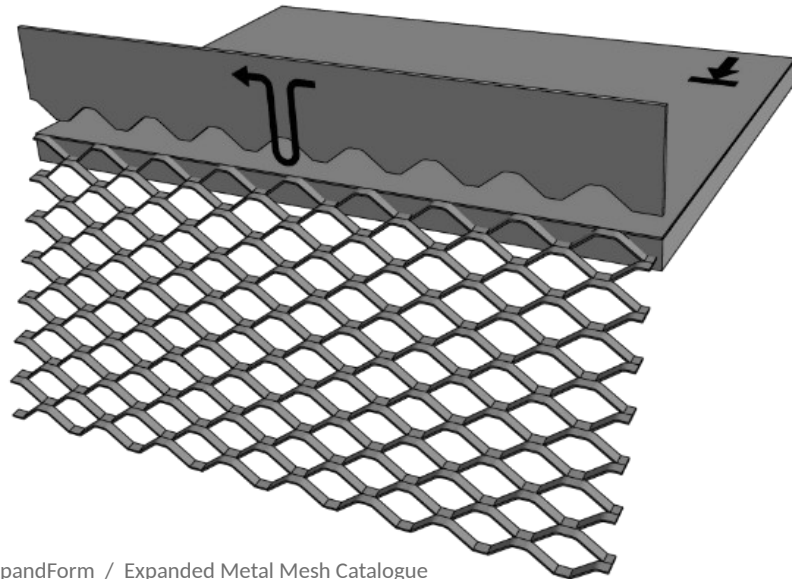
Precision blades slit parallel rows; the sheet is then stretched in a single operation.

03 Diamond formation

The slits open into continuous diamond apertures — no welds, no joints, no waste.

04 Finishing & framing

Mesh is cut to size, finished (mill / powder coat / anodised) and fitted to the chosen framing system.



04 Applications

Where ExpandForm performs — facades, sunshades, interiors and balustrades.



Facades & Cladding

Modern, high-impact exteriors with dynamic light and shadow.

ExpandForm expanded metal mesh is widely used in building facades and cladding systems to create modern, high-impact exteriors. The open structure allows for natural ventilation while producing dynamic light and shadow effects, enhancing the building's visual identity and reducing solar gain.



Canopies & Sunshades

Engineered control of natural light and solar heat gain.

For canopies and sunshading systems, ExpandForm provides effective control of natural light and solar heat gain. The mesh can be engineered to filter sunlight efficiently, contributing to improved energy performance and occupant comfort below.



Interior Partitions & Ceilings

Permeable separations that let light and air pass through.

Within interior spaces, ExpandForm is used for partitions, ceilings and feature panels. Its permeability allows light and air to pass through, creating open, breathable environments while maintaining a level of separation and visual privacy.





Railings & Balustrades

Safety and strength in a contemporary architectural language.

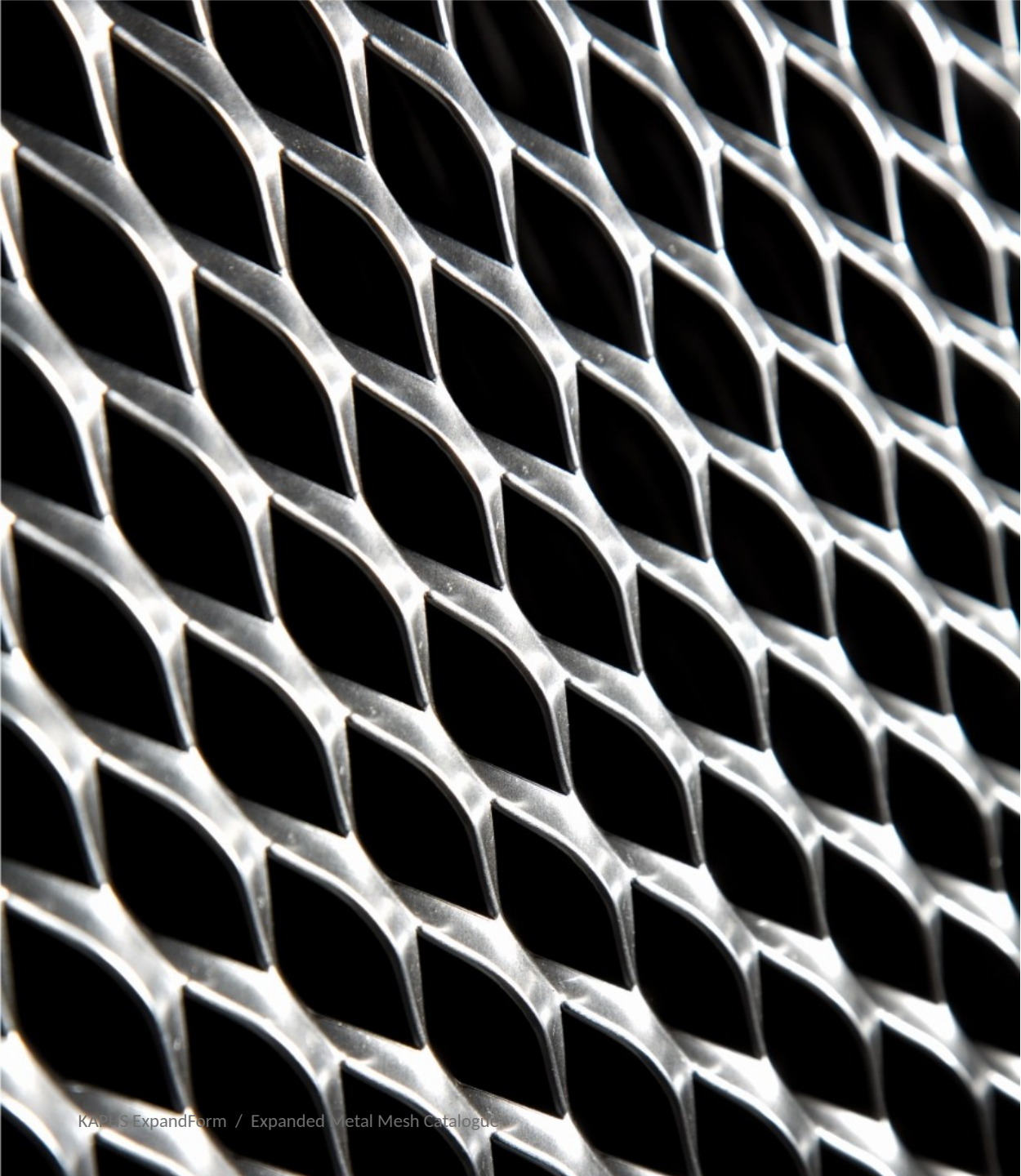
ExpandForm is also suitable for railings, balustrades and staircases. Its inherent strength and rigidity ensure safety and durability, while its distinctive diamond pattern delivers a clean, contemporary architectural aesthetic.



05

Finishes

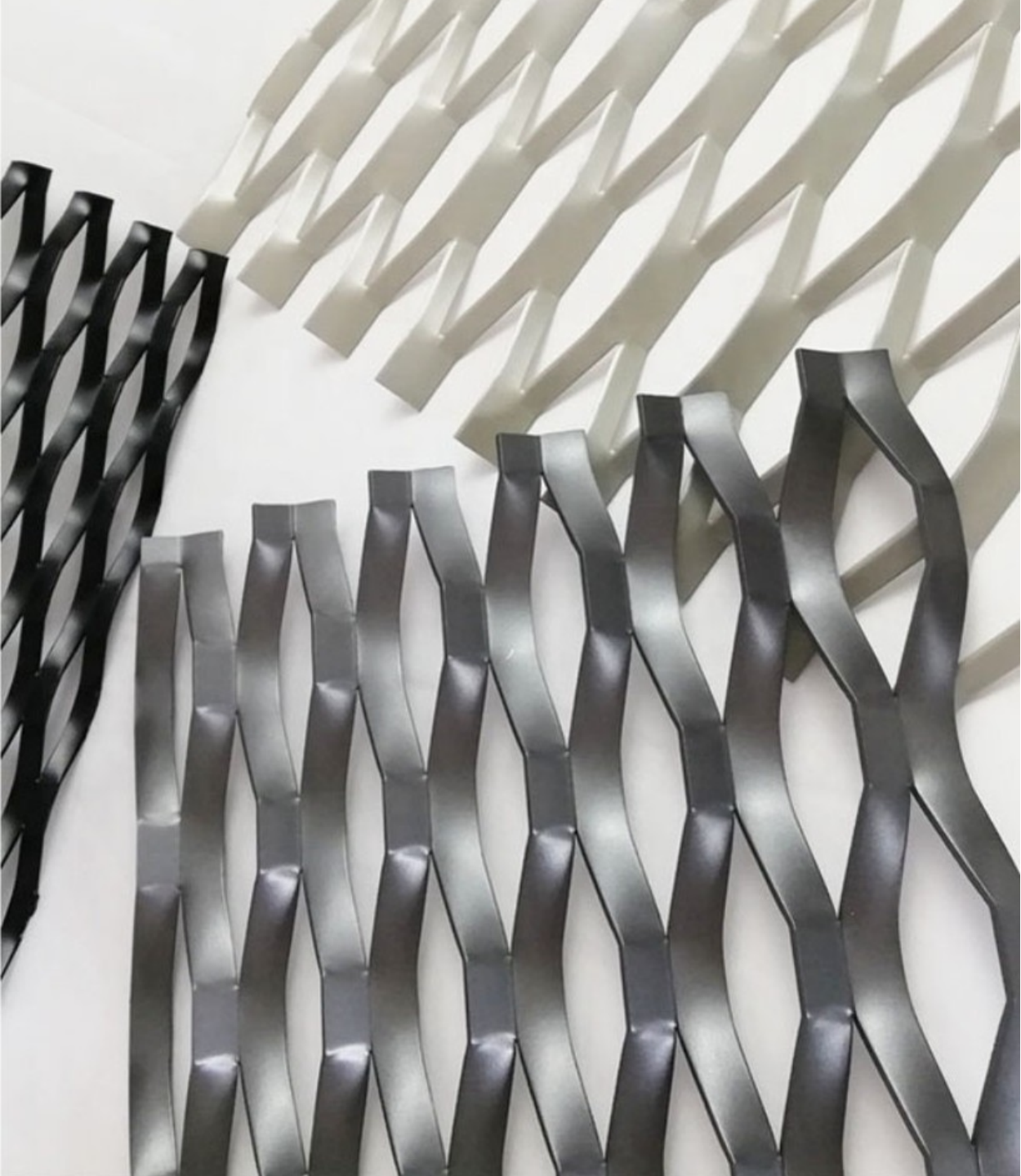
Three principal finishing routes — protection, performance, refinement.



Mill Finish

The raw character of expanded metal.

A mill finish represents the natural, untreated surface of ExpandForm expanded metal mesh after production. This raw appearance is ideal for projects seeking an industrial or minimalist aesthetic. As it does not include additional protective coating, it is best suited for interior applications or low-exposure environments.



Powder Coating

Durable colour. Engineered to last.

Powder coating is one of the most popular finishes for ExpandForm. The process creates a durable, uniform coating available in a wide range of RAL colours. It provides excellent resistance to corrosion, UV exposure and surface wear, making it ideal for both interior and exterior architectural applications.

Anodizing

An enhanced oxide layer with a refined metallic finish.

Anodizing is commonly used for aluminium within the ExpandForm range, enhancing the natural oxide layer of the metal through an electrochemical process. The result is a highly durable, corrosion-resistant finish with a refined metallic appearance — particularly suitable for outdoor use and demanding environmental conditions.

06

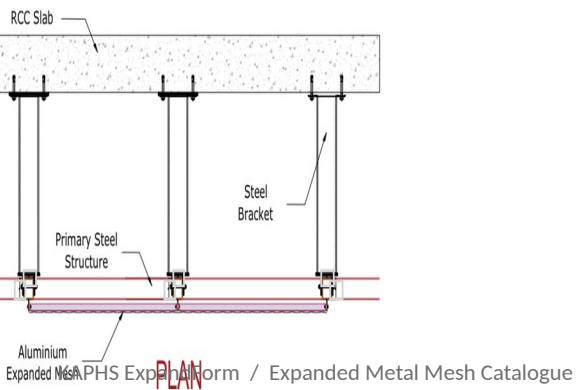
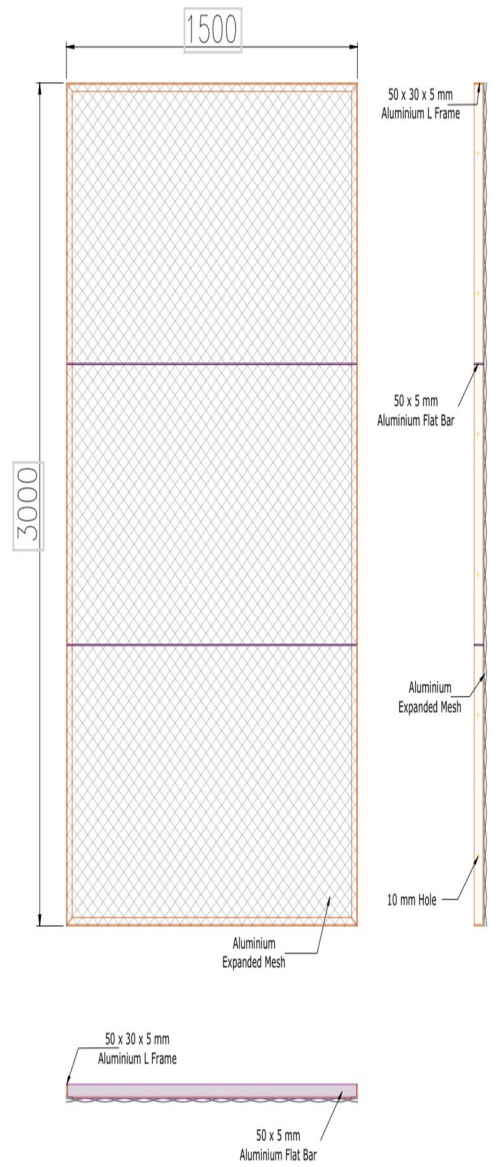
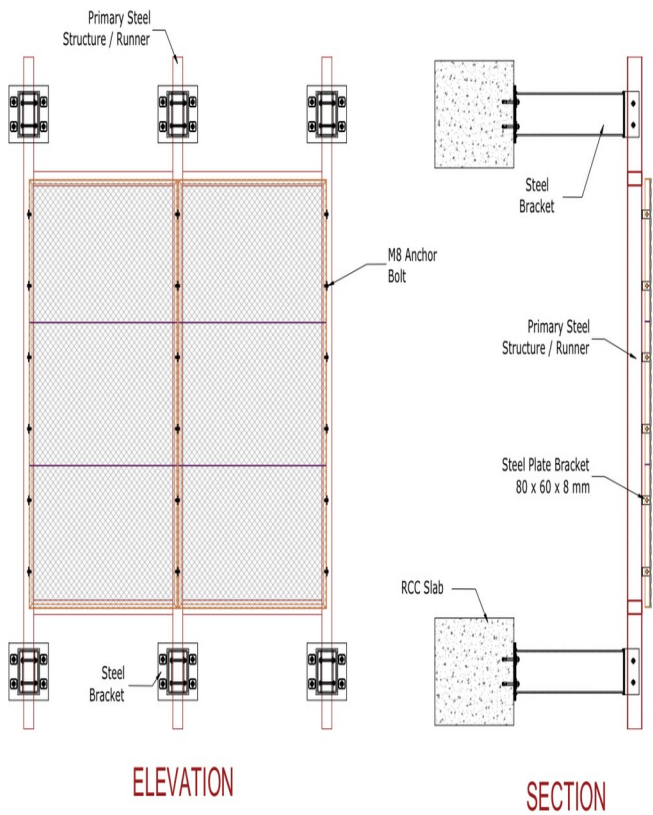
Fixing Systems

Three principal fixing systems — for structural confidence and architectural clarity.

Angle Frame

Welded angles for heavy-duty applications.

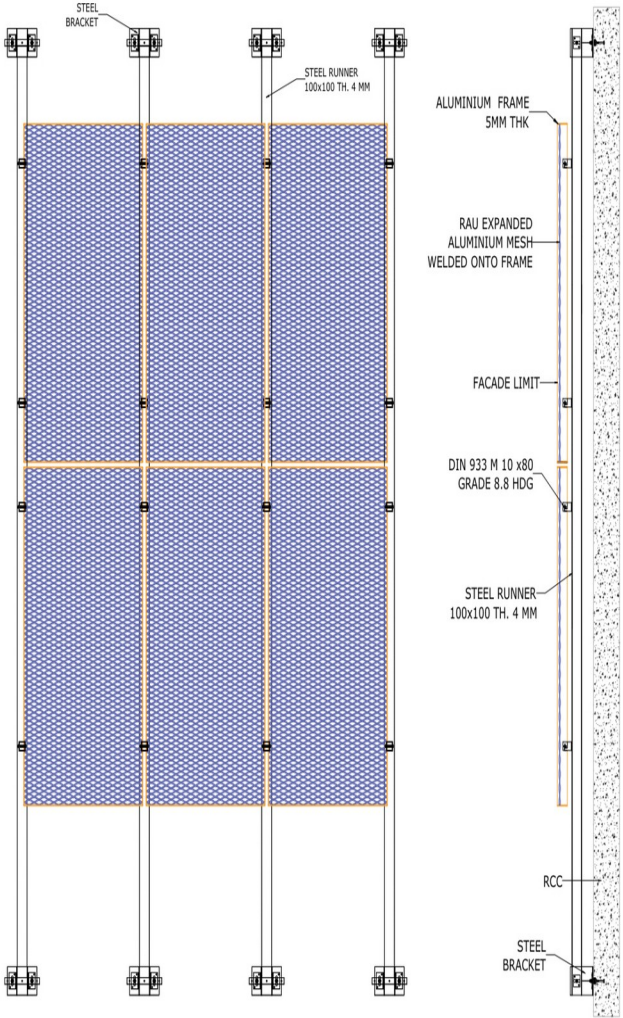
The angle frame system involves welding metal angles — typically aluminium or steel — around the edges of the ExpandForm panel. This method provides strong structural support, making it ideal for heavy-duty applications such as facades, screens and industrial installations. The frame can be finished to match the mesh, ensuring a cohesive and refined appearance.



Box Frame

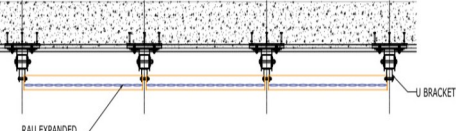
Maximum strength, full enclosure.

A box frame fully encloses the ExpandForm panel within a rigid rectangular structure, offering maximum strength and durability. This fixing system is commonly used for security applications, including protective barriers and enclosures, where enhanced impact resistance and stability are required.

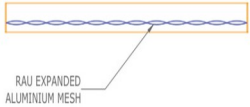
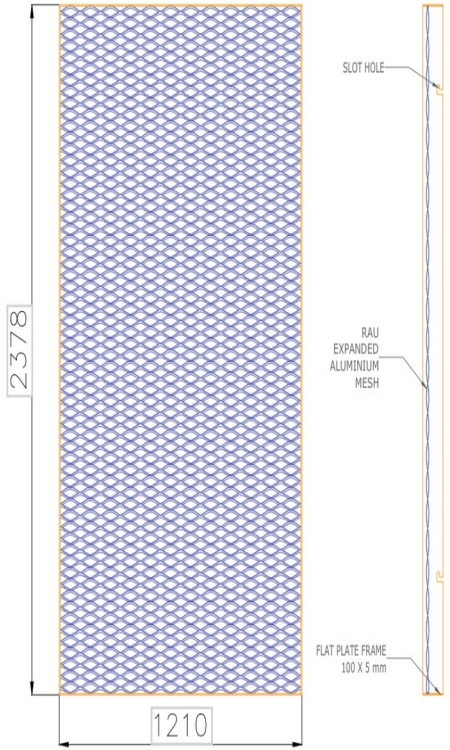


ELEVATION

SECTION



PLAN

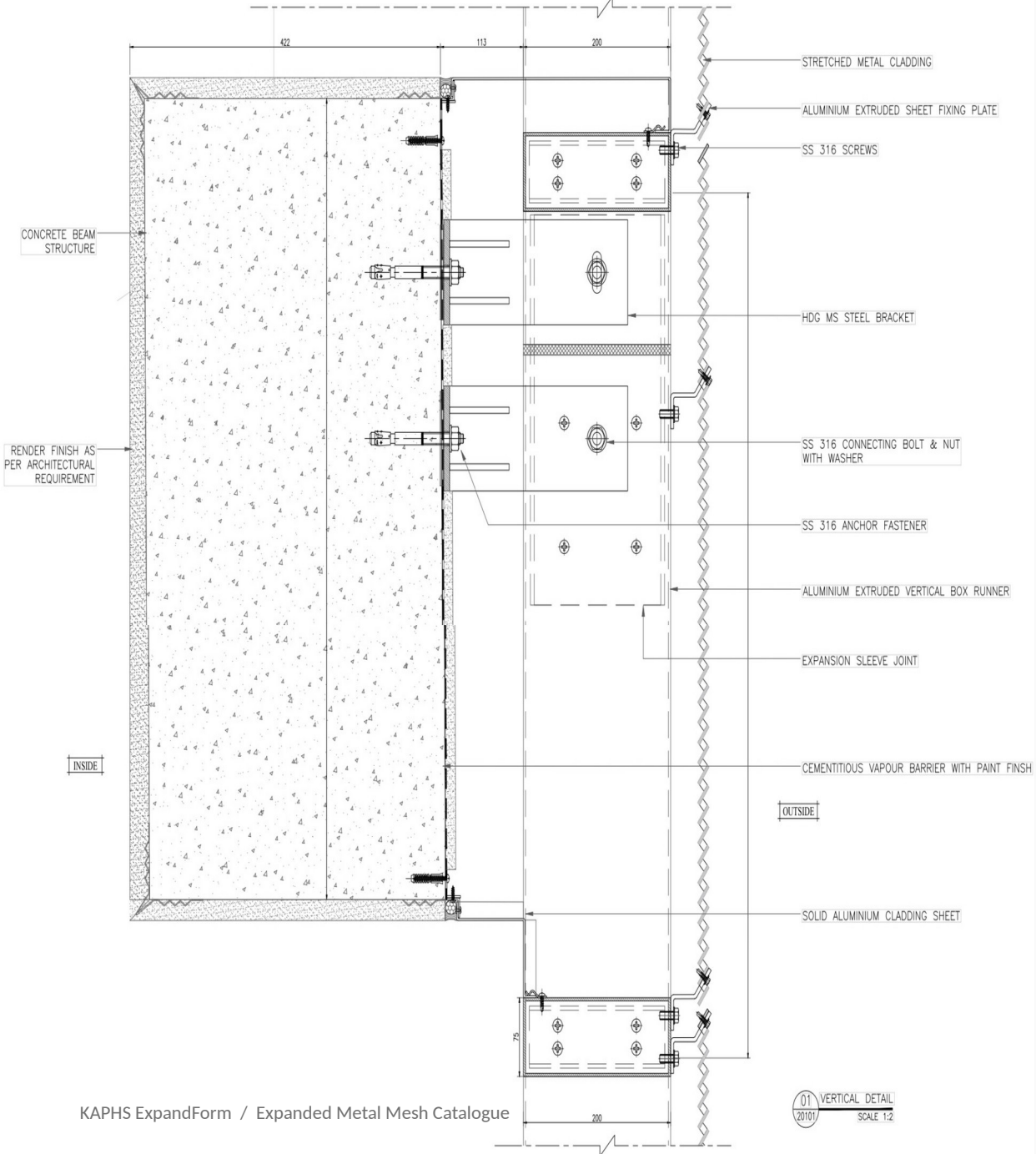


RAU EXPANDED ALUMINIUM MESH

Frameless Bracket System

Mesh-led aesthetic with discreet support.

The frameless bracket system secures the ExpandForm panel directly to the mounting surface using discreet L-brackets. This approach creates a minimal, contemporary look by reducing visible framing elements and allowing the mesh pattern to take visual priority. It is ideal for architectural applications where a clean, lightweight aesthetic is desired.



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Reference Projects

Selected ExpandForm installations across the UAE — from the DIFC Gate Avenue car park in Dubai to The Galleria rooftop in Abu Dhabi.



DIFC Gate Avenue

200mm round expanded metal mesh facade cladding.

The DIFC Gate Avenue car park in Dubai features an external wall cladding system in 200mm round expanded metal mesh. The large rounded apertures create a bold, modern facade with strong texture and depth, while the mesh remains robust enough to withstand the climate with minimal maintenance.

CLIENT

DIFC

ARCHITECT

RMJM

LOCATION

Dubai, UAE



Marina Gate Tower 3

400mm round mesh, alternating depth installation.

Marina Gate Tower 3 features a car park facade in 400mm round expanded metal mesh. Adjacent panels alternate between interior- and exterior-welded mesh — introducing depth and dimensionality to the facade, with light and shadow shifting across the surface throughout the day.

CLIENT
Select Group

ARCHITECT
Aedas

LOCATION
Dubai, UAE



Silicon Central Mall

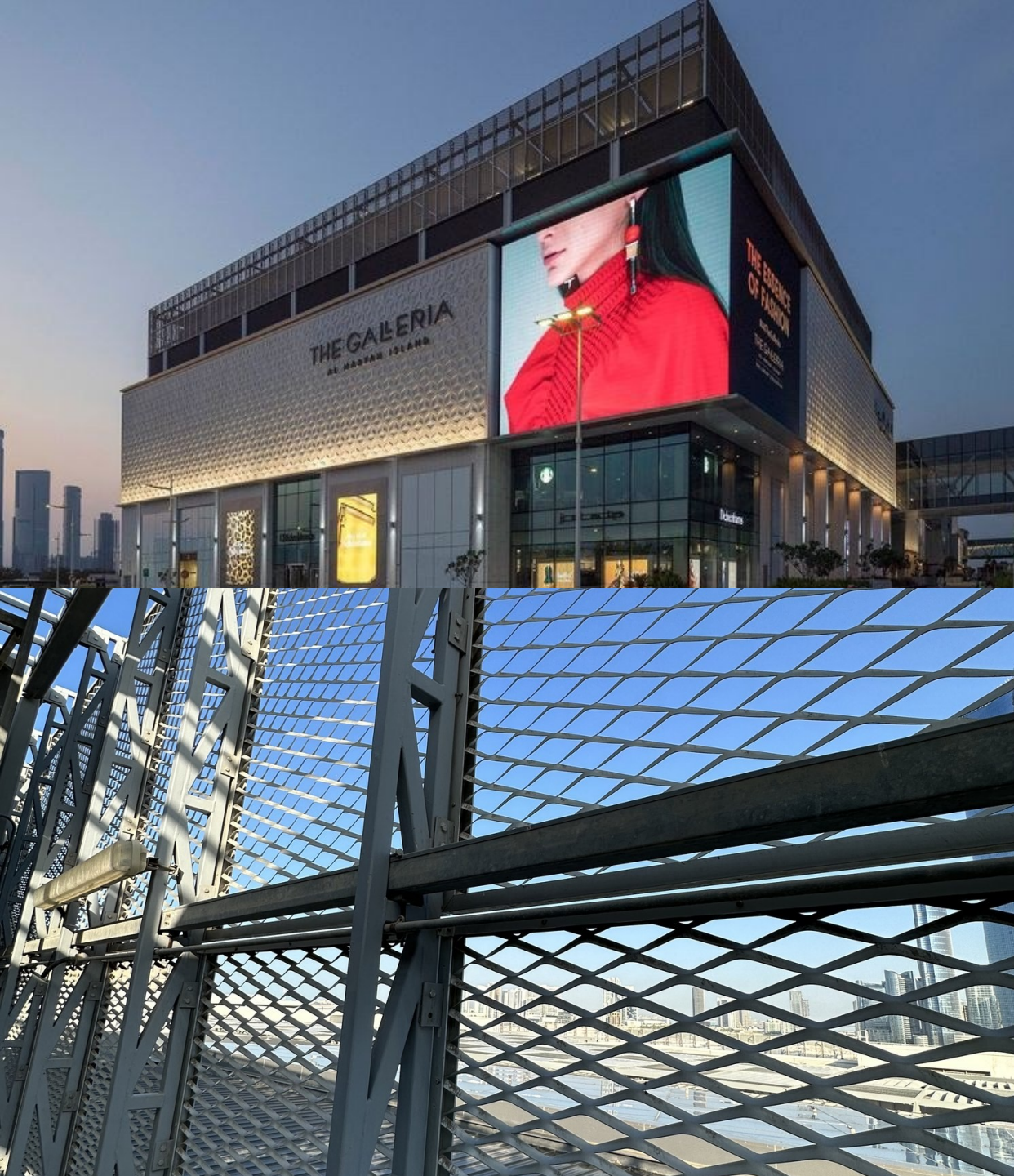
150mm hexagonal mesh facade, frameless bracket system.

Lulu Silicon Central Mall in Silicon Oasis, Dubai, is wrapped on its entire facade in 150mm hexagonal expanded metal mesh, installed on a frameless bracket fixing system. The result is a seamless contemporary exterior with improved ventilation and natural light diffusion across the retail interior.

CLIENT
Lulu Group

ARCHITECT
Design International

LOCATION
Dubai, UAE



The Galleria Al Maryah Island

200mm diamond mesh rooftop MEP cladding.

On the rooftop of The Galleria Mall in Al Maryah Island, Abu Dhabi, 200mm diamond pattern expanded metal mesh conceals the rooftop MEP infrastructure. The open weave allows ventilation and maintenance access while delivering a clean architectural finish across a high-exposure surface.

CLIENT

Al Maryah Retail Company

ARCHITECT

Elkus Manfredi Architects

LOCATION

Abu Dhabi, UAE

08

Product Range

34 expanded metal patterns, each named after a German city. From fine diamond meshes for interior screens to wide-aperture panels for monumental facades.

EXPANDFORM

Dortmund

TOTAL THICKNESS

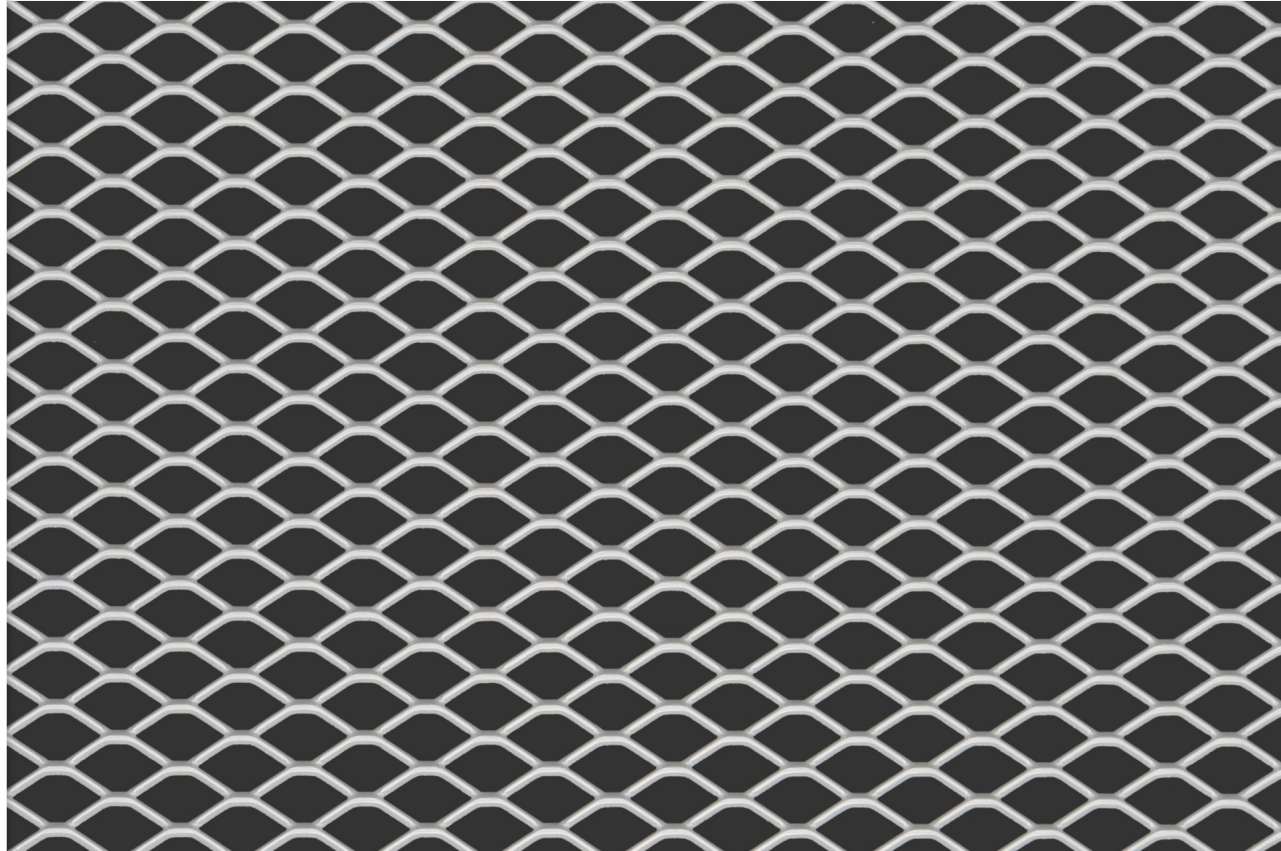
ca. 4mm

FREE OPENINGS

70%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|------------------------|-----------------------|-----------------------|
| 20 x 10 x 1,5 x 1,0 mm | 2,4 kg/m ² | 0,8 kg/m ² |
| 20 x 10 x 1,5 x 1,5 mm | 3,6 kg/m ² | 1,3 kg/m ² |



EXPANDFORM

Saarbrücken

TOTAL THICKNESS

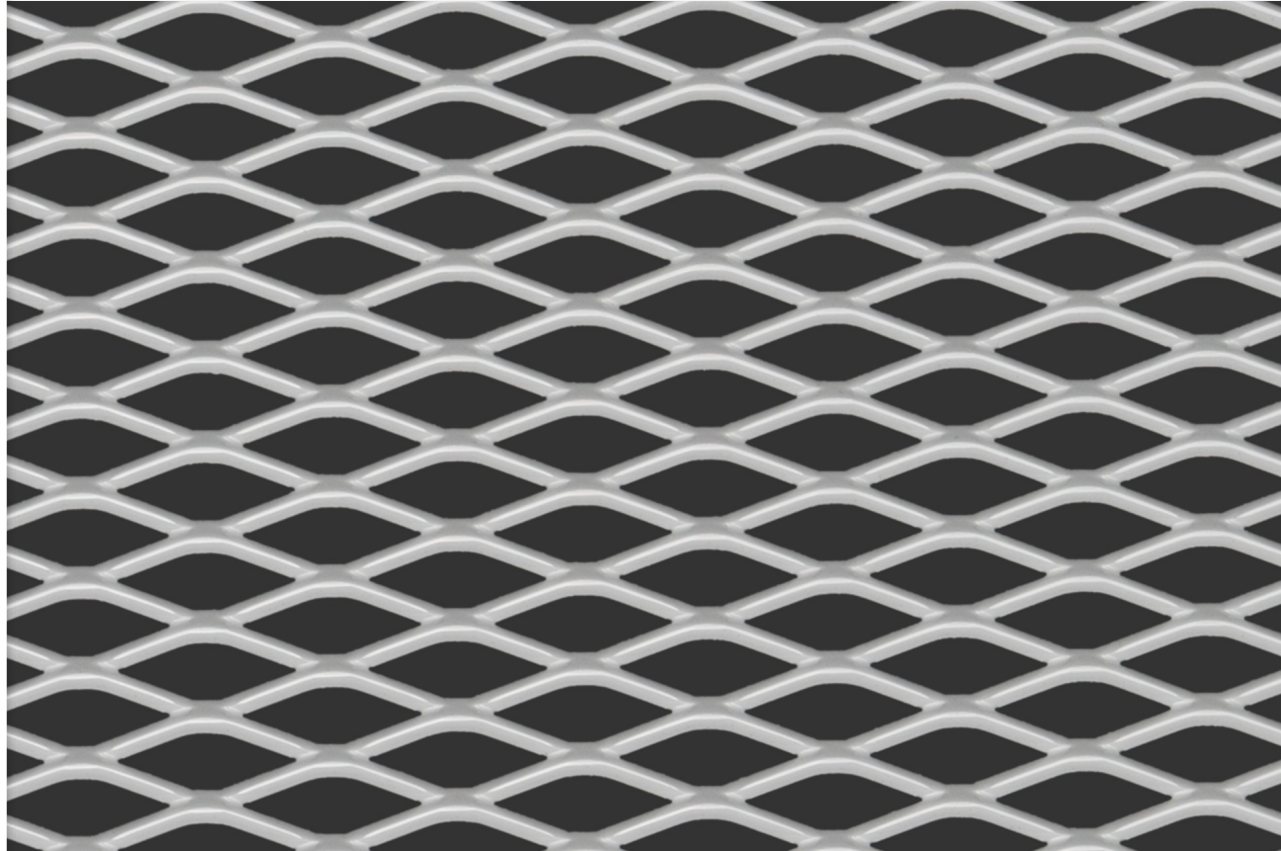
ca. 3,5 mm

FREE OPENINGS

60%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|------------------------|-----------------------|-----------------------|
| 28 x 10 x 2,0 x 1,0 mm | 2,3 kg/m ² | 0,8 kg/m ² |
| 28 x 10 x 2,0 x 1,5 mm | 4,8 kg/m ² | 1,7 kg/m ² |
| 28 x 10 x 2,0 x 2,0 mm | 6,4 kg/m ² | 2,2 kg/m ² |



EXPANDFORM

Homburg

TOTAL THICKNESS

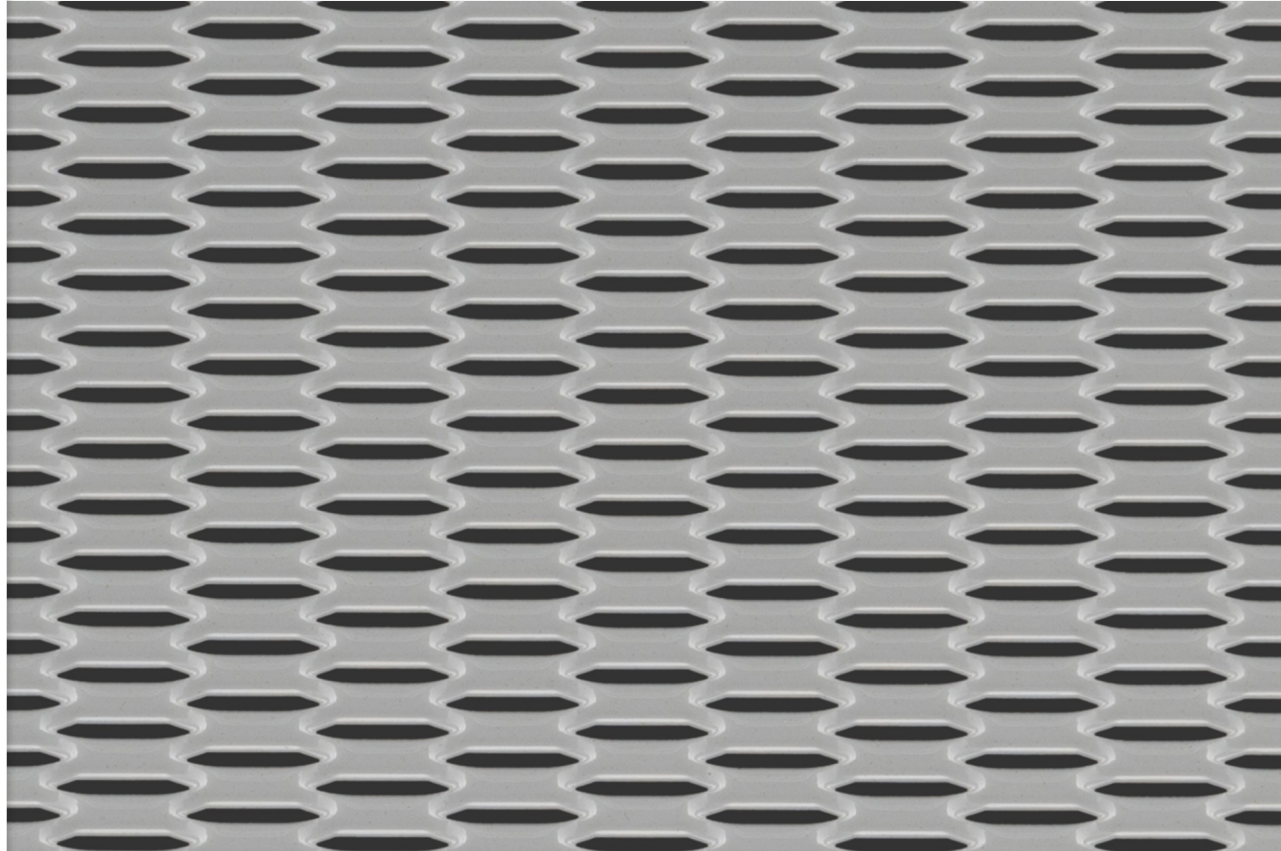
ca. 4mm

FREE OPENINGS

17%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|-----------------------|------------------------|-----------------------|
| 28 x 6 x 2,5 x 1 mm | 6,7 kg/m ² | 2,4 kg/m ² |
| 28 x 6 x 2,5 x 1,5 mm | 10,0 kg/m ² | 3,5 kg/m ² |
| 28 x 6 x 2,5 x 2,0 mm | 13,3 kg/m ² | 4,7 kg/m ² |



EXPANDFORM

Neunkirchen

TOTAL THICKNESS

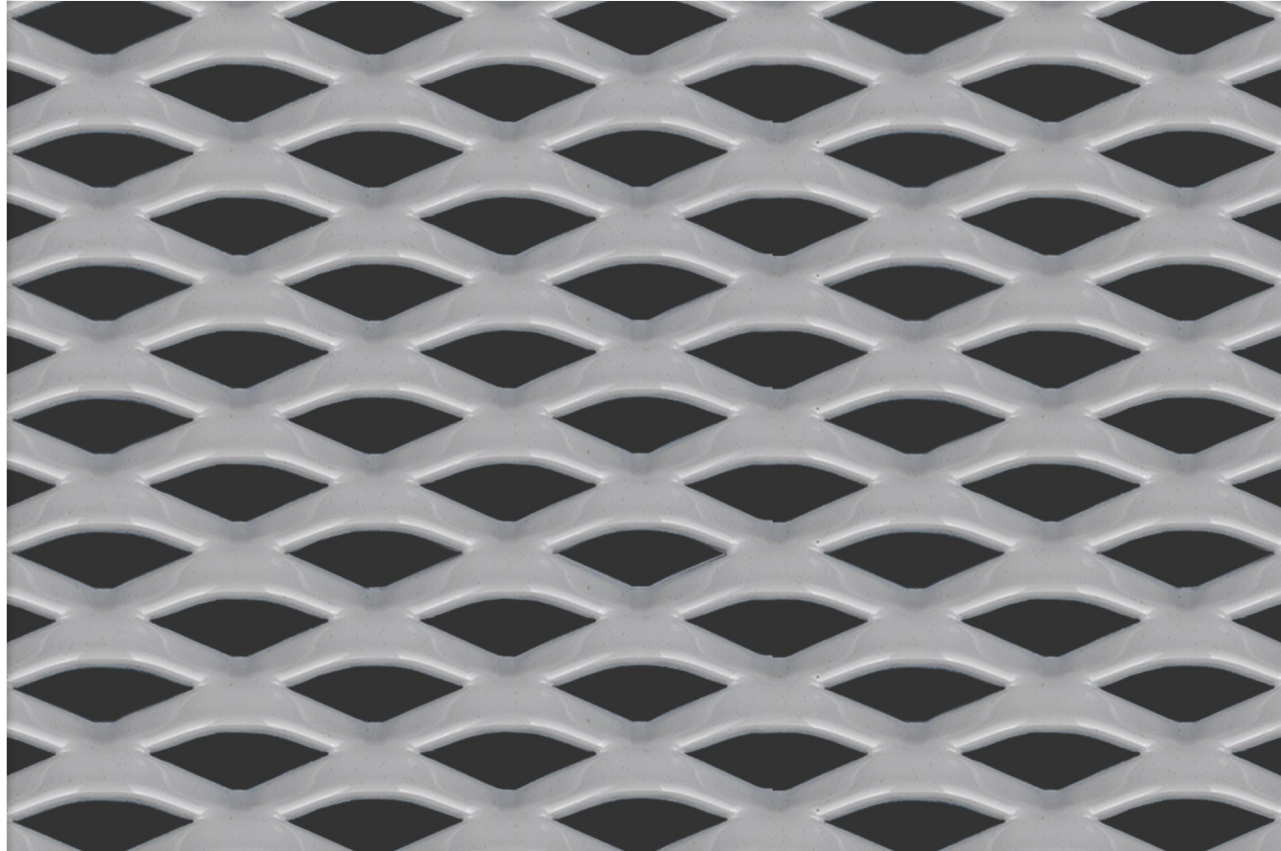
ca. 7mm

FREE OPENINGS

29%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|------------------------|------------------------|-----------------------|
| 28 x 14 x 5,0 x 1,5 mm | 8,6 kg/m ² | 3,0 kg/m ² |
| 28 x 14 x 5,0 x 2,0 mm | 11,5 kg/m ² | 4,0 kg/m ² |
| 28 x 14 x 5,0 x 3,0 mm | 17,2 kg/m ² | 6,0 kg/m ² |



EXPANDFORM

Karlsruhe

TOTAL THICKNESS

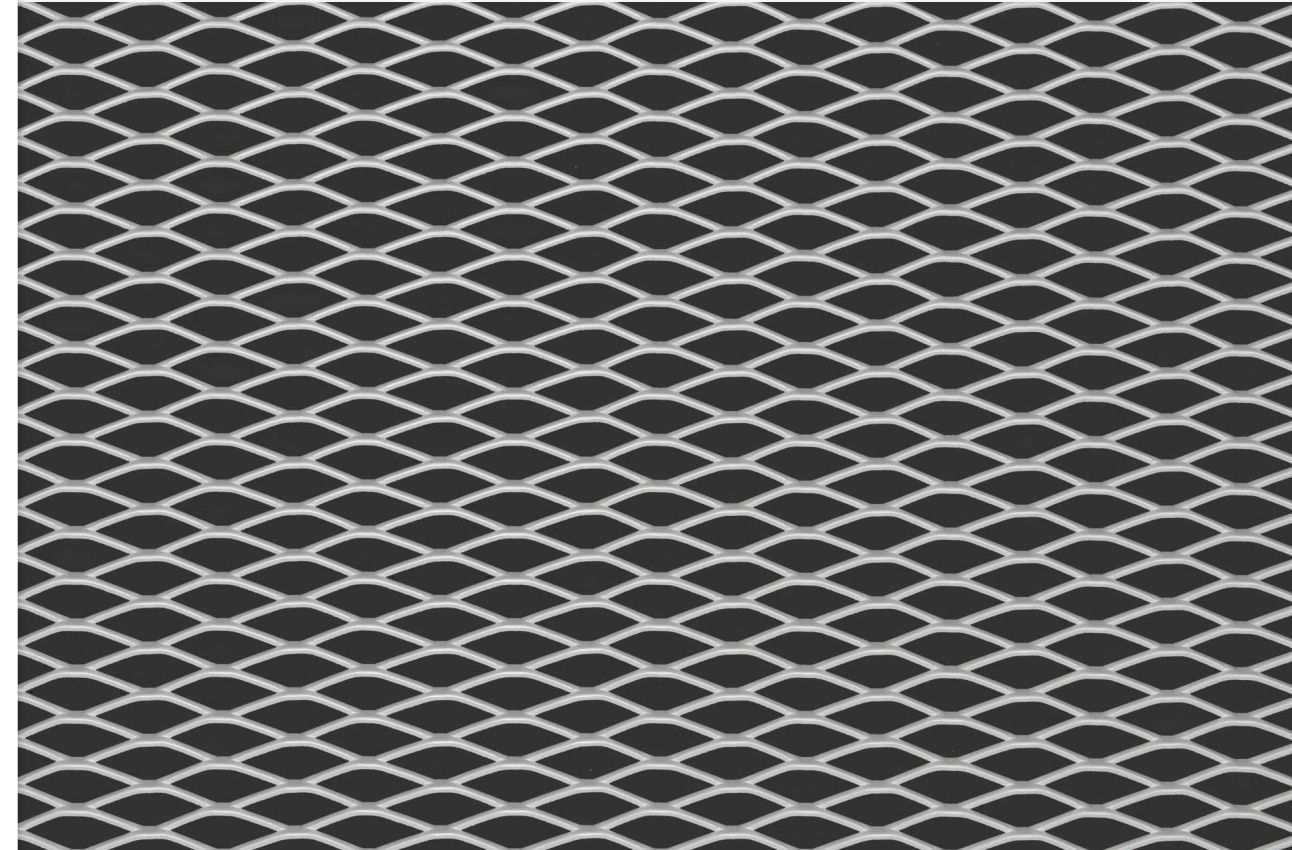
ca. 5mm

FREE OPENINGS

67%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|------------------------|-----------------------|-----------------------|
| 44 x 15 x 2,5 x 1,5 mm | 4,0 kg/m ² | 1,4 kg/m ² |
| 44 x 15 x 2,5 x 2,0 mm | 5,3 kg/m ² | 1,9 kg/m ² |
| 44 x 15 x 2,5 x 2,5 mm | 6,7 kg/m ² | 2,4 kg/m ² |



EXPANDFORM

Lübeck

TOTAL THICKNESS

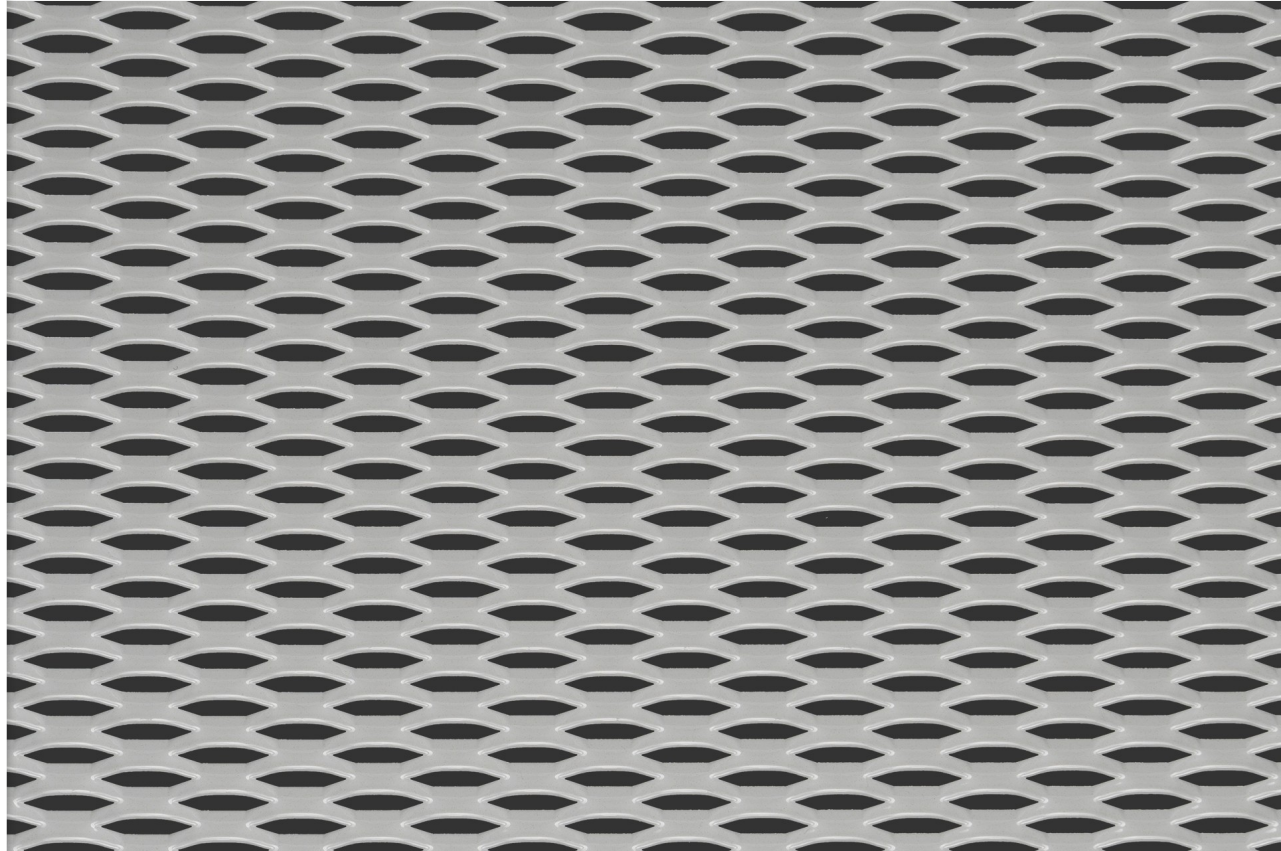
ca. 8mm

FREE OPENINGS

26%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 44 x 13,4 x 5,0 x 1,5 mm | 9,0 kg/m ² | 3,1 kg/m ² |
| 44 x 13,4 x 5,0 x 2,0 mm | 12,0 kg/m ² | 4,2 kg/m ² |
| 44 x 13,4 x 5,0 x 3,0 mm | 18,0 kg/m ² | 6,3 kg/m ² |



EXPANDFORM

Kiel

TOTAL THICKNESS

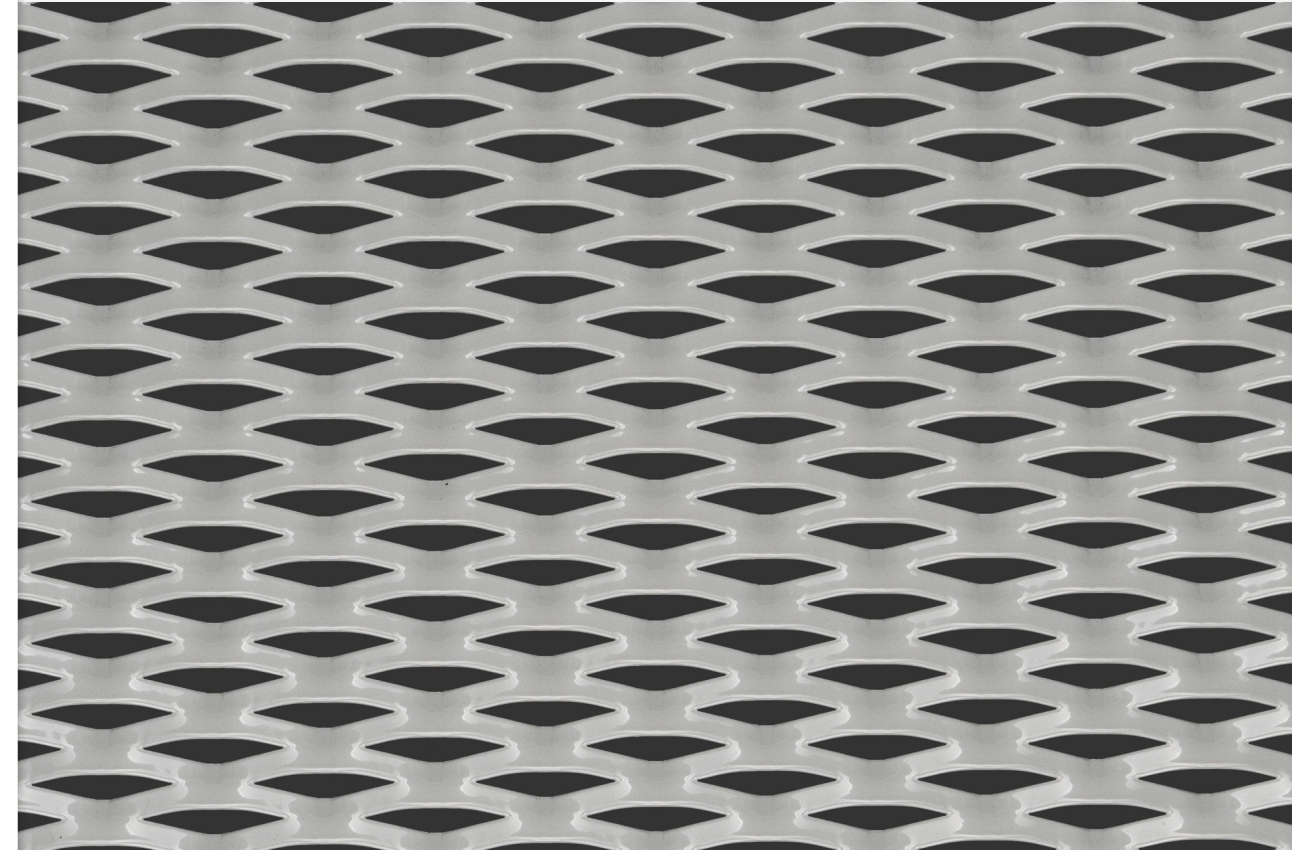
ca. 11mm

FREE OPENINGS

26%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|------------------------|------------------------|-----------------------|
| 62 x 20 x 7,5 x 1,5 mm | 9,0 kg/m ² | 3,2 kg/m ² |
| 62 x 20 x 7,5 x 2,0 mm | 12,0 kg/m ² | 4,2 kg/m ² |
| 62 x 20 x 7,5 x 3,0 mm | 18,0 kg/m ² | 6,3 kg/m ² |



EXPANDFORM

Magdeburg

TOTAL THICKNESS

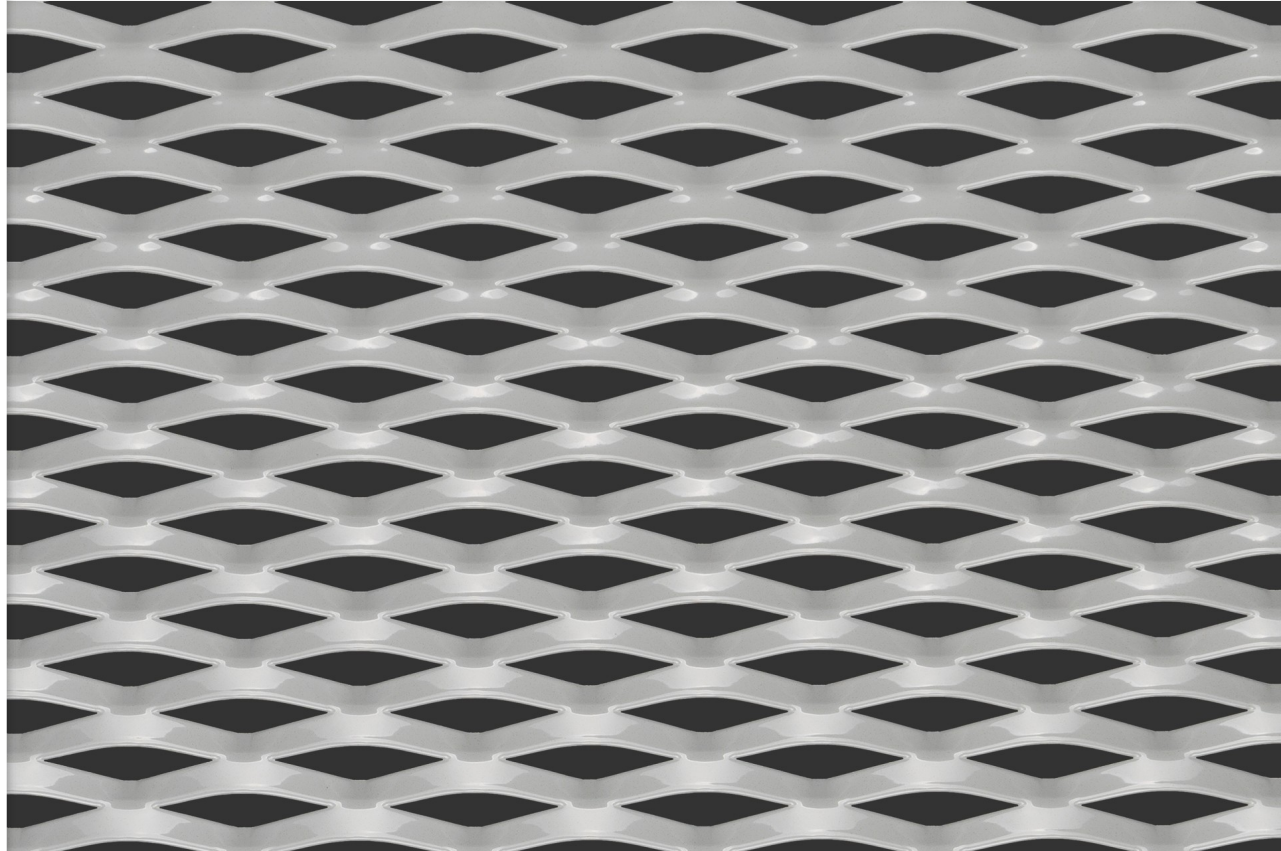
ca. 11mm

FREE OPENINGS

29%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 62 x 25,5 x 9,1 x 1,5 mm | 8,6 kg/m ² | 3,0 kg/m ² |
| 62 x 25,5 x 9,1 x 2,0 mm | 11,4 kg/m ² | 4,0 kg/m ² |
| 62 x 25,5 x 9,1 x 3,0 mm | 17,1 kg/m ² | 6,0 kg/m ² |



EXPANDFORM

Koblenz

TOTAL THICKNESS

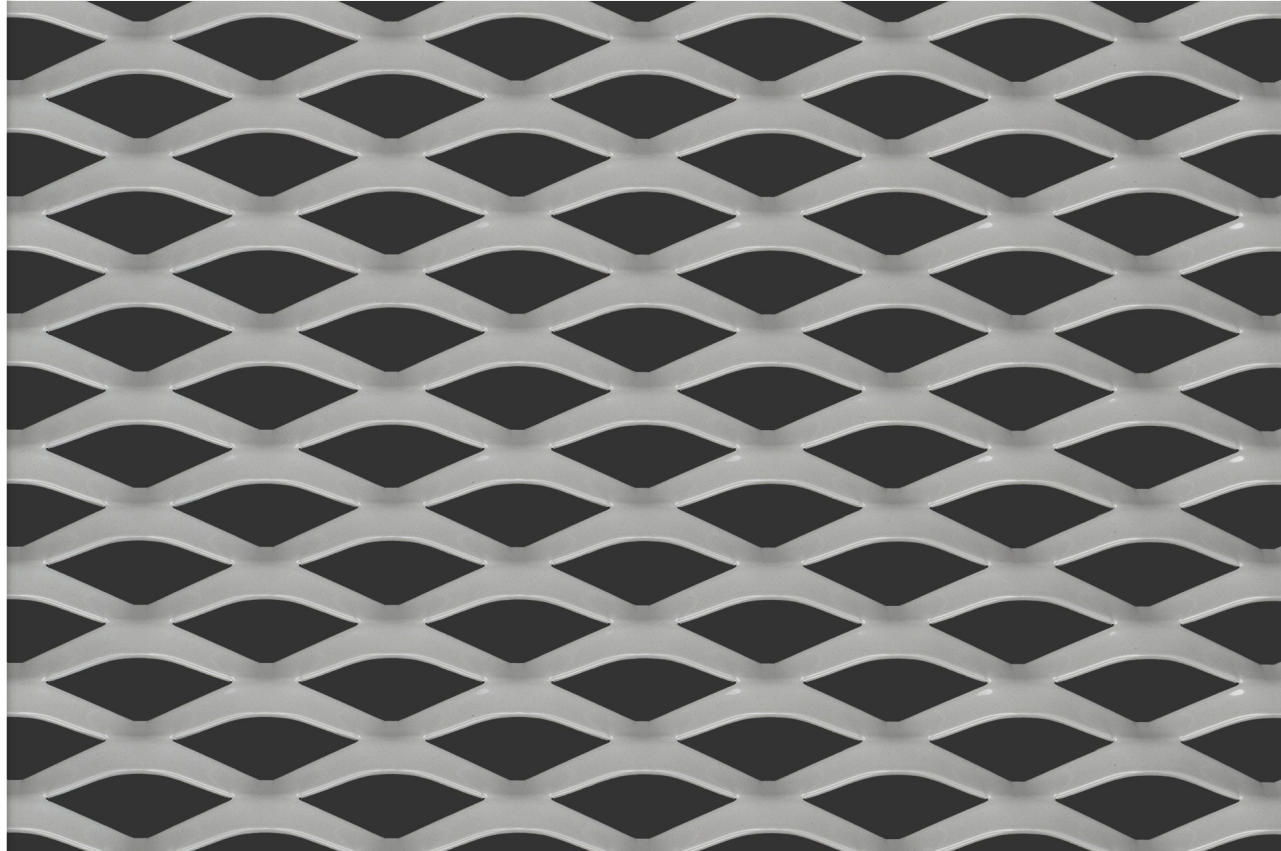
ca. 16mm

FREE OPENINGS

38%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|-------------------------|------------------------|-----------------------|
| 76 x 35 x 11,0 x 1,5 mm | 7,6 kg/m ² | 2,6 kg/m ² |
| 76 x 35 x 11,0 x 2,0 mm | 10,1 kg/m ² | 3,5 kg/m ² |
| 76 x 35 x 11,0 x 3,0 mm | 15,1 kg/m ² | 5,3 kg/m ² |



EXPANDFORM

Lörrach

TOTAL THICKNESS

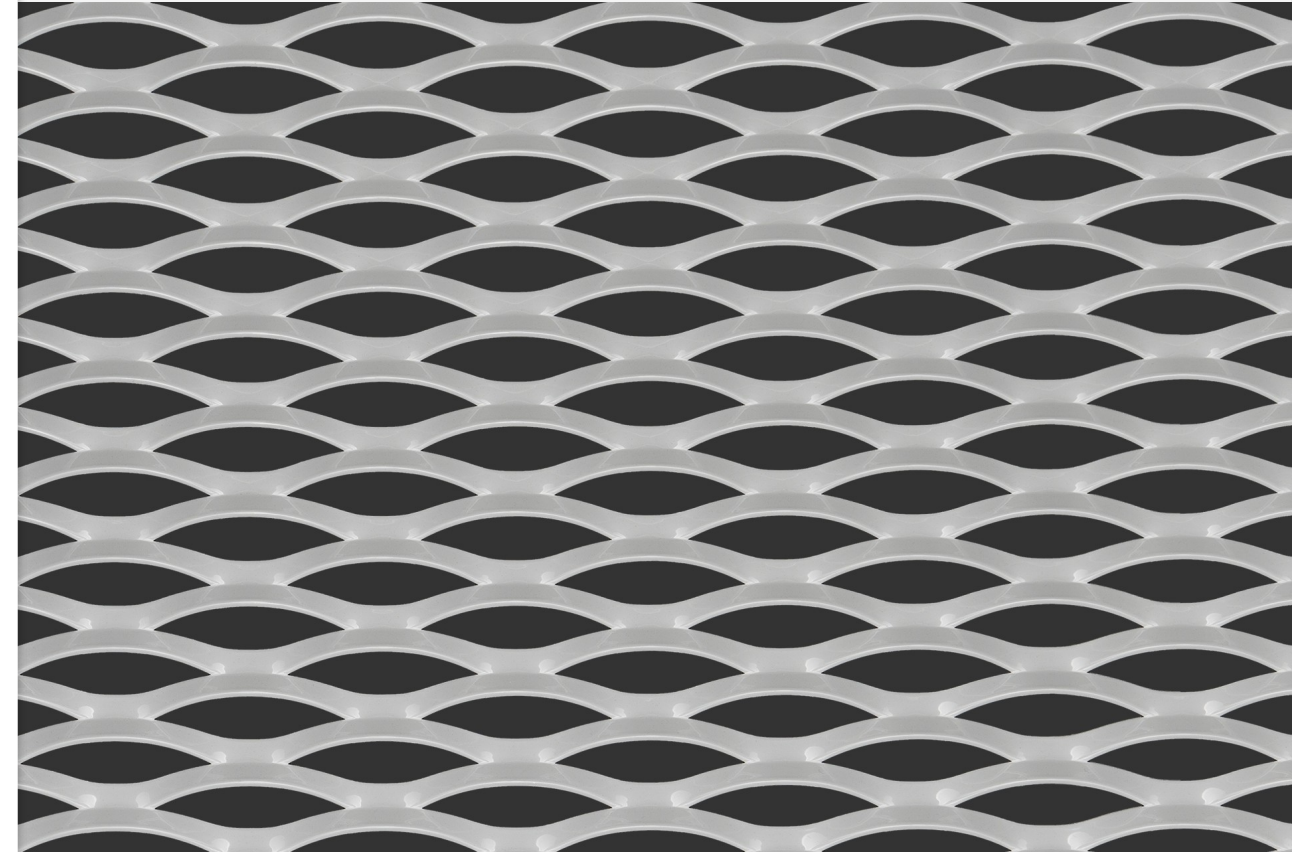
ca. 12 mm

FREE OPENINGS

39%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|------------------------|------------------------|-----------------------|
| 77 x 26 x 8,0 x 1,5 mm | 7,5 kg/m ² | 2,6 kg/m ² |
| 77 x 26 x 8,0 x 2,0 mm | 9,9 kg/m ² | 3,5 kg/m ² |
| 77 x 26 x 8,0 x 3,0 mm | 14,8 kg/m ² | 5,2 kg/m ² |



EXPANDFORM

Lahr

TOTAL THICKNESS

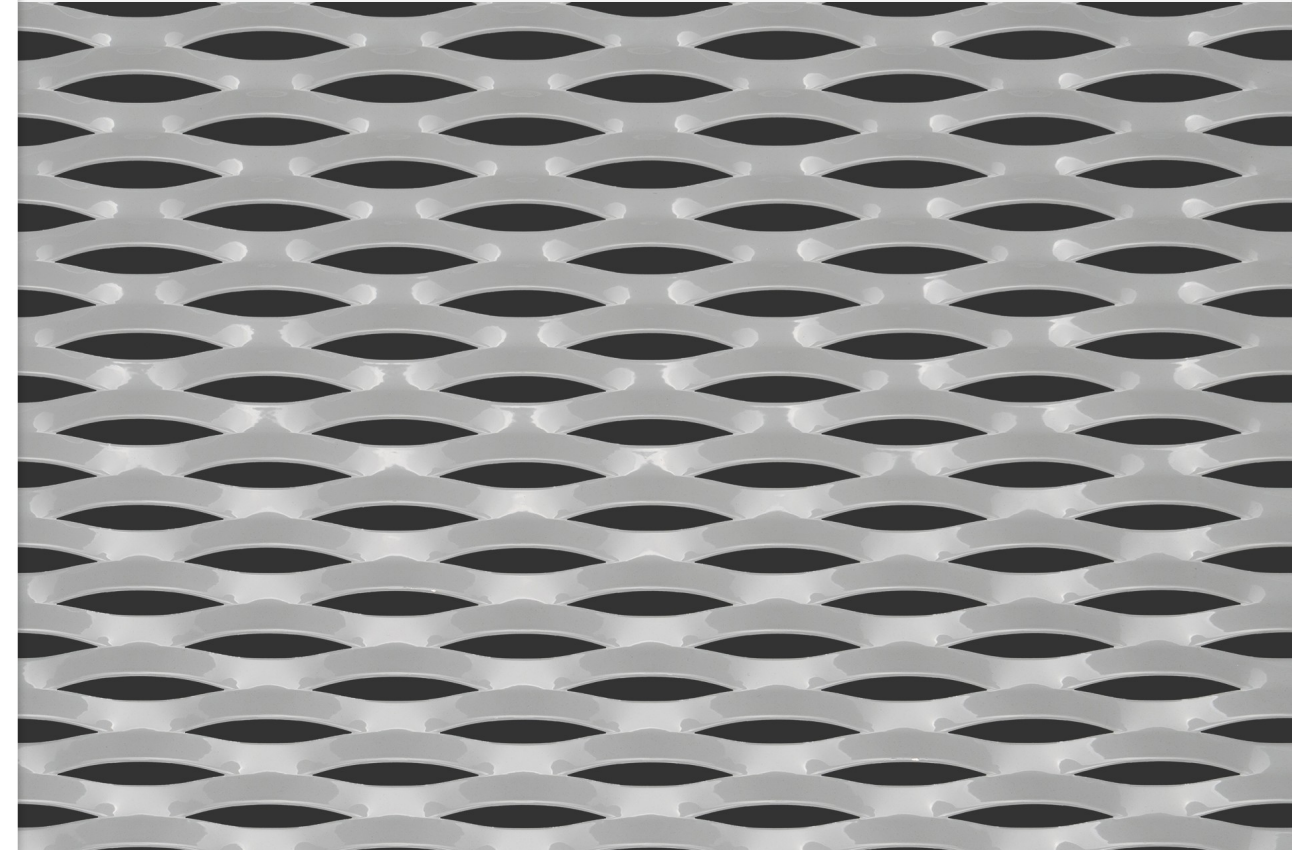
ca. 12 mm

FREE OPENINGS

24%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|-------------------------|------------------------|-----------------------|
| 77 x 26 x 10,0 x 1,5 mm | 9,2 kg/m ² | 3,2 kg/m ² |
| 77 x 26 x 10,0 x 2,0 mm | 12,3 kg/m ² | 4,3 kg/m ² |
| 77 x 26 x 10,0 x 3,0 mm | 18,5 kg/m ² | 6,5 kg/m ² |



EXPANDFORM

Freiburg

TOTAL THICKNESS

ca. 13 mm

FREE OPENINGS

34%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|-----------------------|------------------------|-----------------------|
| RUND 77 offset 1,5 mm | 8,0 kg/m ² | 2,8 kg/m ² |
| RUND 77 offset 2,0 mm | 10,7 kg/m ² | 3,7 kg/m ² |
| RUND 77 offset 3,0 mm | 16,0 kg/m ² | 5,6 kg/m ² |



EXPANDFORM

Offenburg

TOTAL THICKNESS

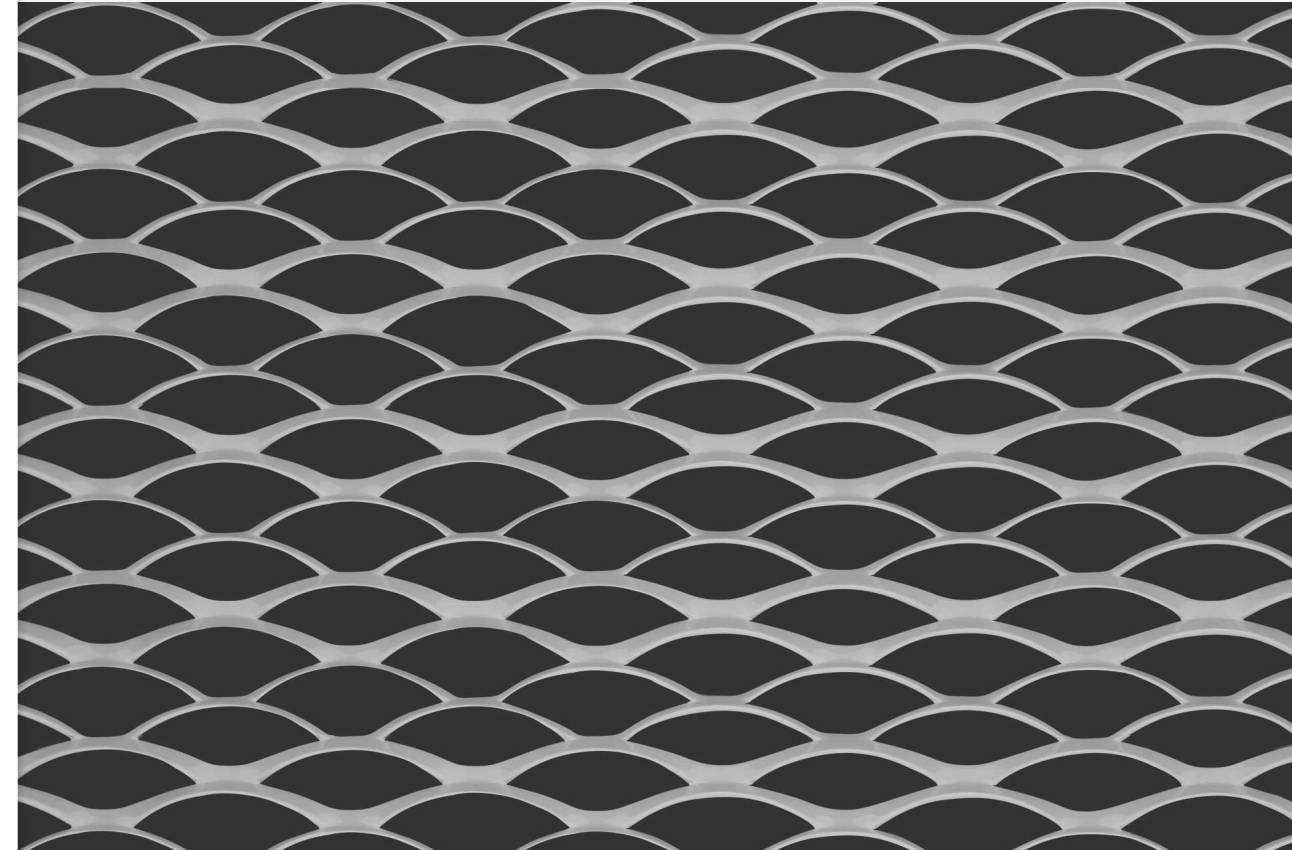
ca. 13 mm

FREE OPENINGS

54%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|----------------------|------------------------|-----------------------|
| RUND 77 multi 1,5 mm | 5,5 kg/m ² | 1,9 kg/m ² |
| RUND 77 multi 2,0 mm | 7,4 kg/m ² | 2,6 kg/m ² |
| RUND 77 multi 3,0 mm | 11,1 kg/m ² | 3,9 kg/m ² |



EXPANDFORM

Augsburg

TOTAL THICKNESS

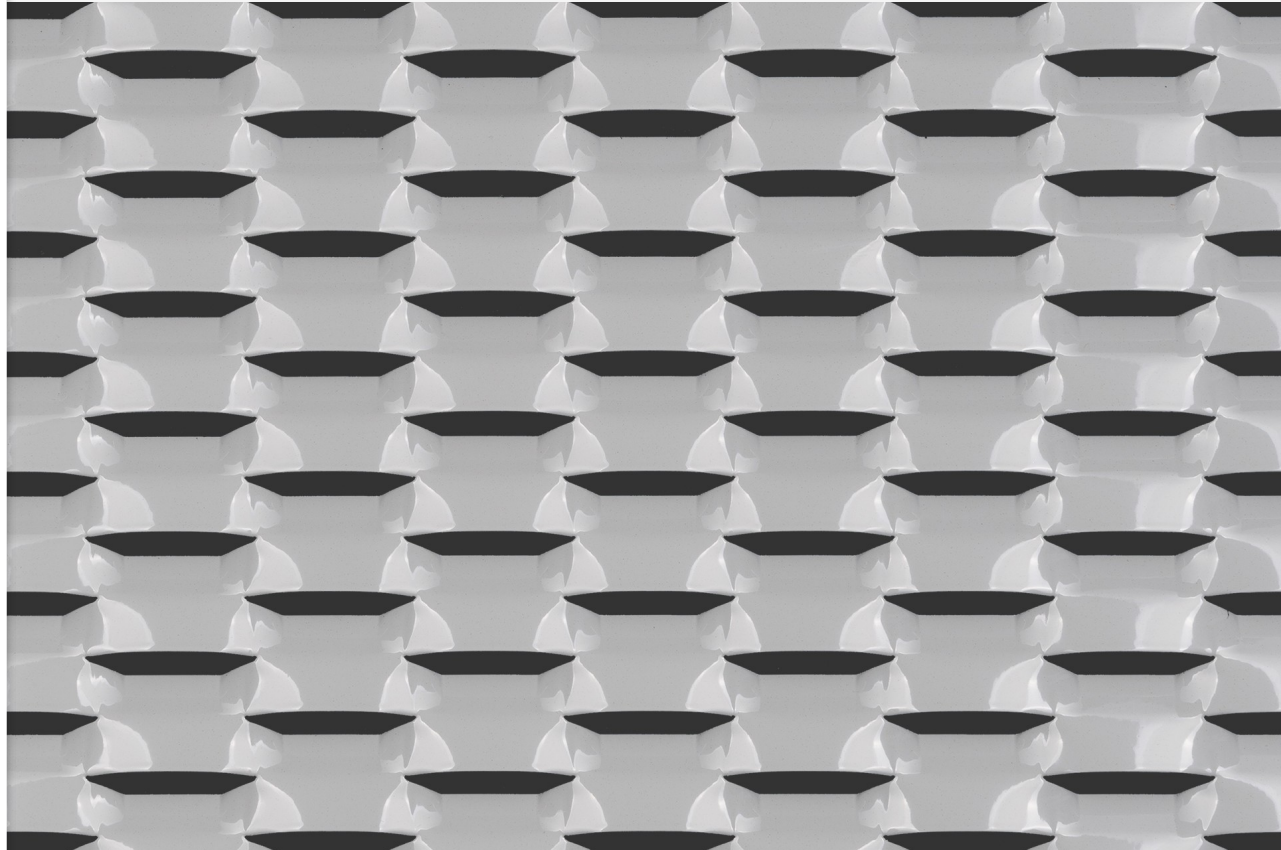
ca. 12 mm

FREE OPENINGS

14%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|-------------------------|------------------------|-----------------------|
| 80 x 30 x 13,0 x 1,5 mm | 10,4 kg/m ² | 3,6 kg/m ² |
| 80 x 30 x 13,0 x 2,0 mm | 13,9 kg/m ² | 4,9 kg/m ² |
| 80 x 30 x 13,0 x 3,0 mm | 20,8 kg/m ² | 7,3 kg/m ² |



EXPANDFORM

Hannover

TOTAL THICKNESS

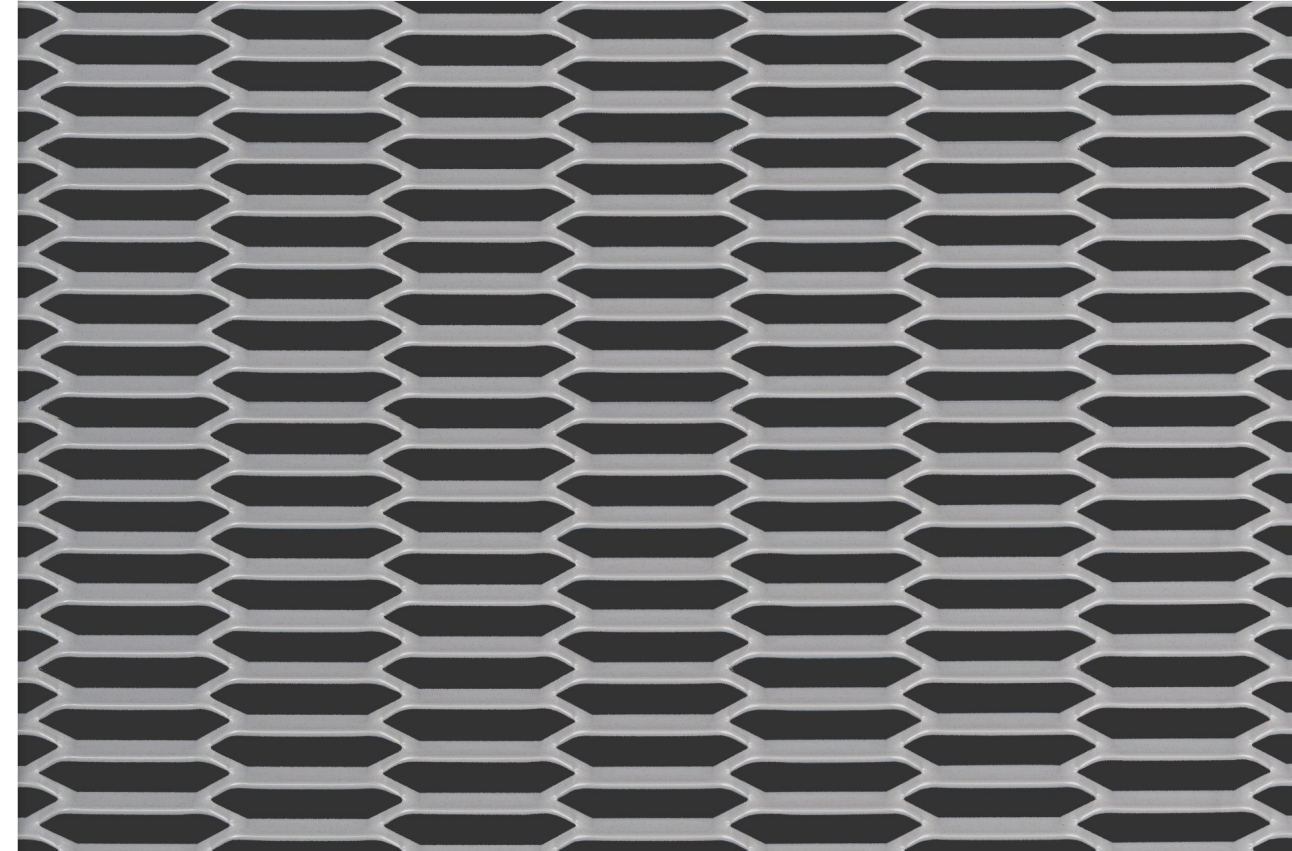
ca. 8 mm

FREE OPENINGS

43%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|-------------------------|------------------------|-----------------------|
| 100 x 14 x 4,0 x 1,5 mm | 6,9 kg/m ² | 2,4 kg/m ² |
| 100 x 14 x 4,0 x 2,0 mm | 9,2 kg/m ² | 3,2 kg/m ² |
| 100 x 14 x 4,0 x 3,0 mm | 13,7 kg/m ² | 4,8 kg/m ² |



EXPANDFORM

Kassel

TOTAL THICKNESS

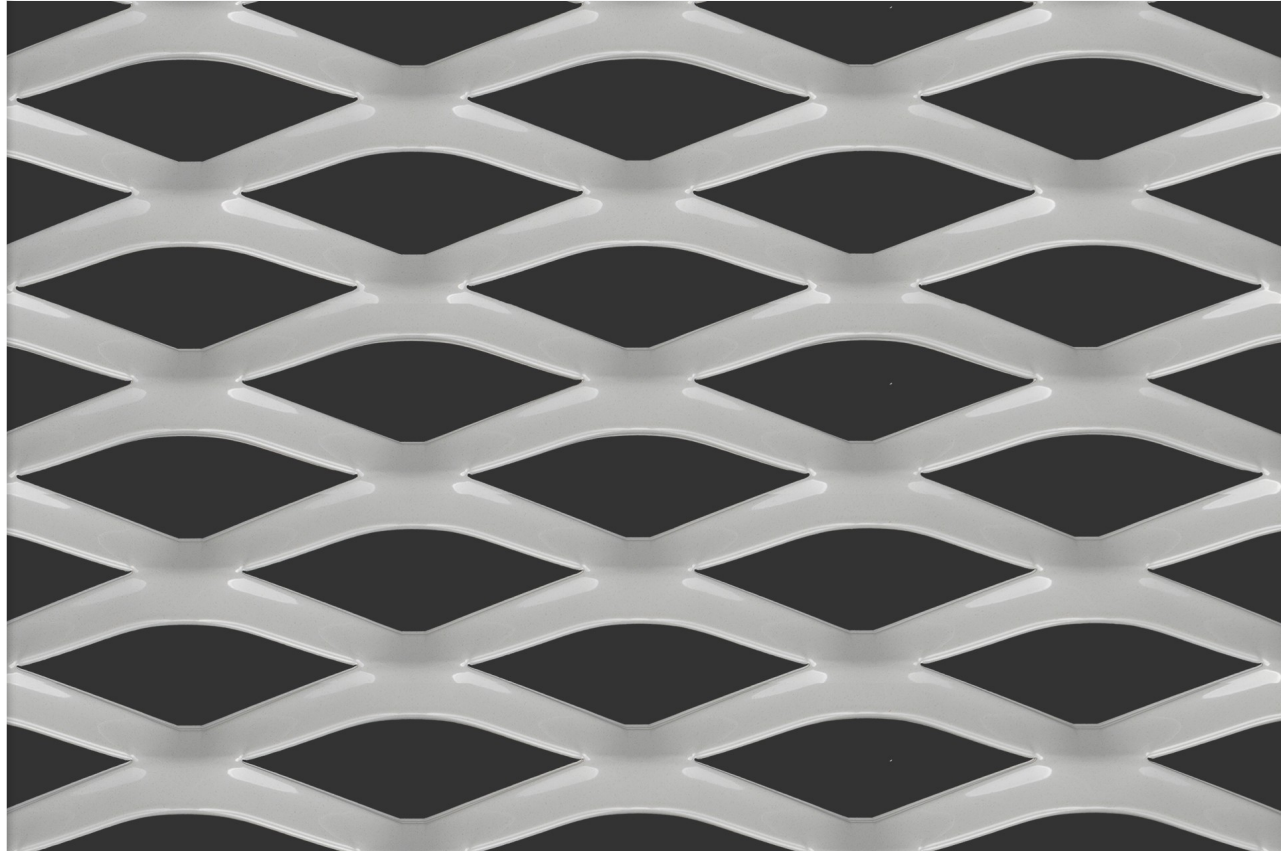
ca. 21 mm

FREE OPENINGS

40%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 120 x 50 x 15,0 x 1,5 mm | 7,2 kg/m ² | 2,5 kg/m ² |
| 120 x 50 x 15,0 x 2,0 mm | 9,6 kg/m ² | 3,4 kg/m ² |
| 120 x 50 x 15,0 x 3,0 mm | 14,4 kg/m ² | 5,0 kg/m ² |



EXPANDFORM

Frankfurt

TOTAL THICKNESS

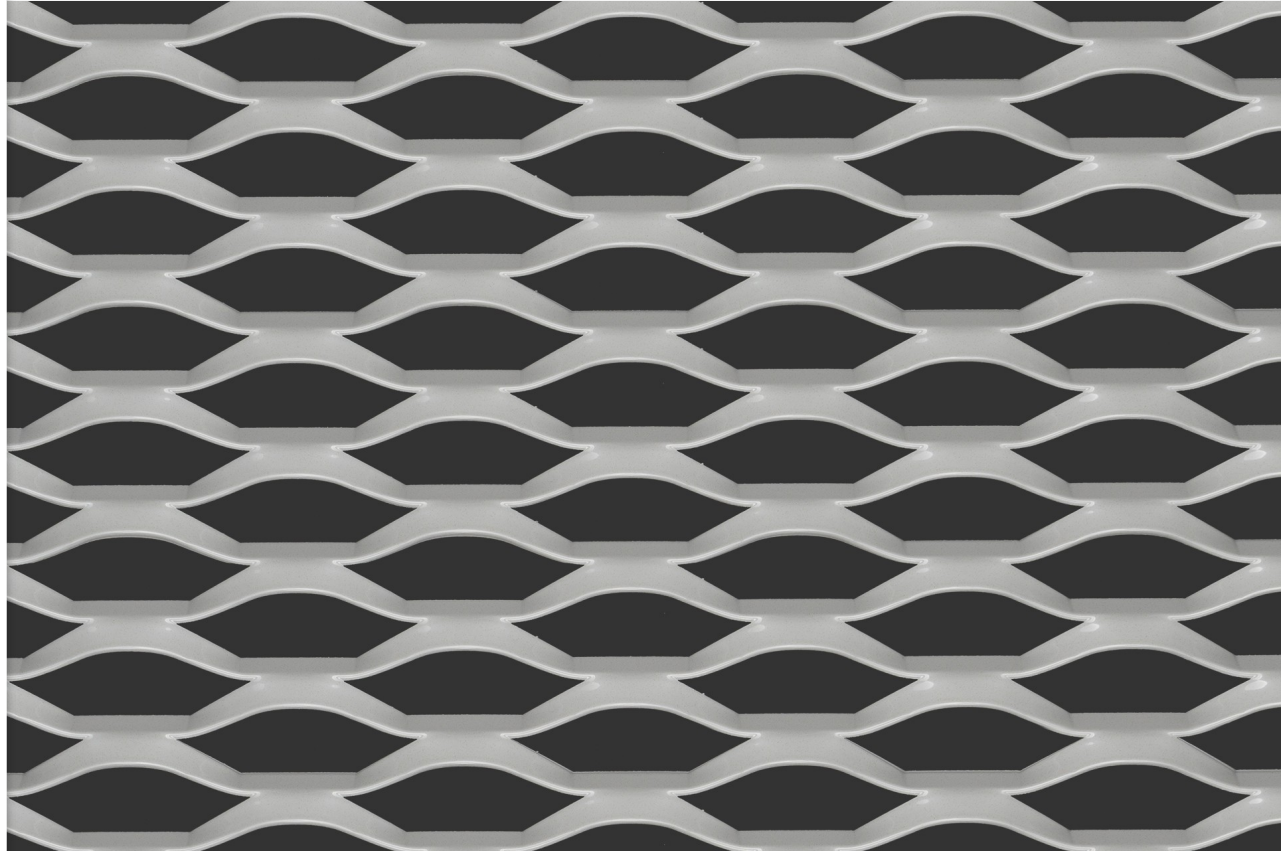
ca. 14mm

FREE OPENINGS

42%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 100 x 34 x 10,0 x 1,5 mm | 7,1 kg/m ² | 2,5 kg/m ² |
| 100 x 34 x 10,0 x 2,0 mm | 9,4 kg/m ² | 3,3 kg/m ² |
| 100 x 34 x 10,0 x 3,0 mm | 14,1 kg/m ² | 5,0 kg/m ² |



EXPANDFORM

Wiesbaden

TOTAL THICKNESS

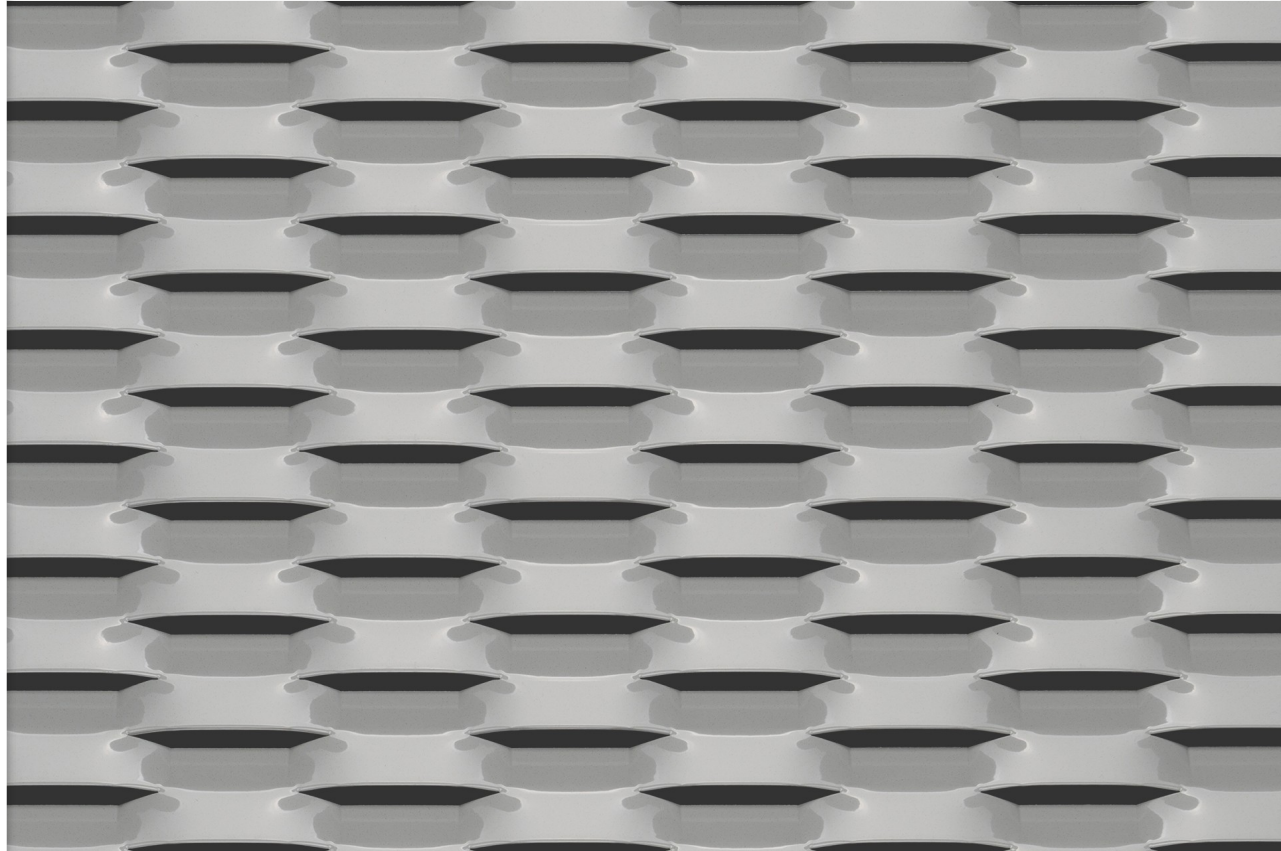
ca. 12 mm

FREE OPENINGS

12%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 100 x 34 x 15,0 x 1,5 mm | 10,6 kg/m ² | 3,7 kg/m ² |
| 100 x 34 x 15,0 x 2,0 mm | 14,1 kg/m ² | 5,0 kg/m ² |
| 100 x 34 x 15,0 x 3,0 mm | 21,2 kg/m ² | 7,4 kg/m ² |



EXPANDFORM

Rostock

TOTAL THICKNESS

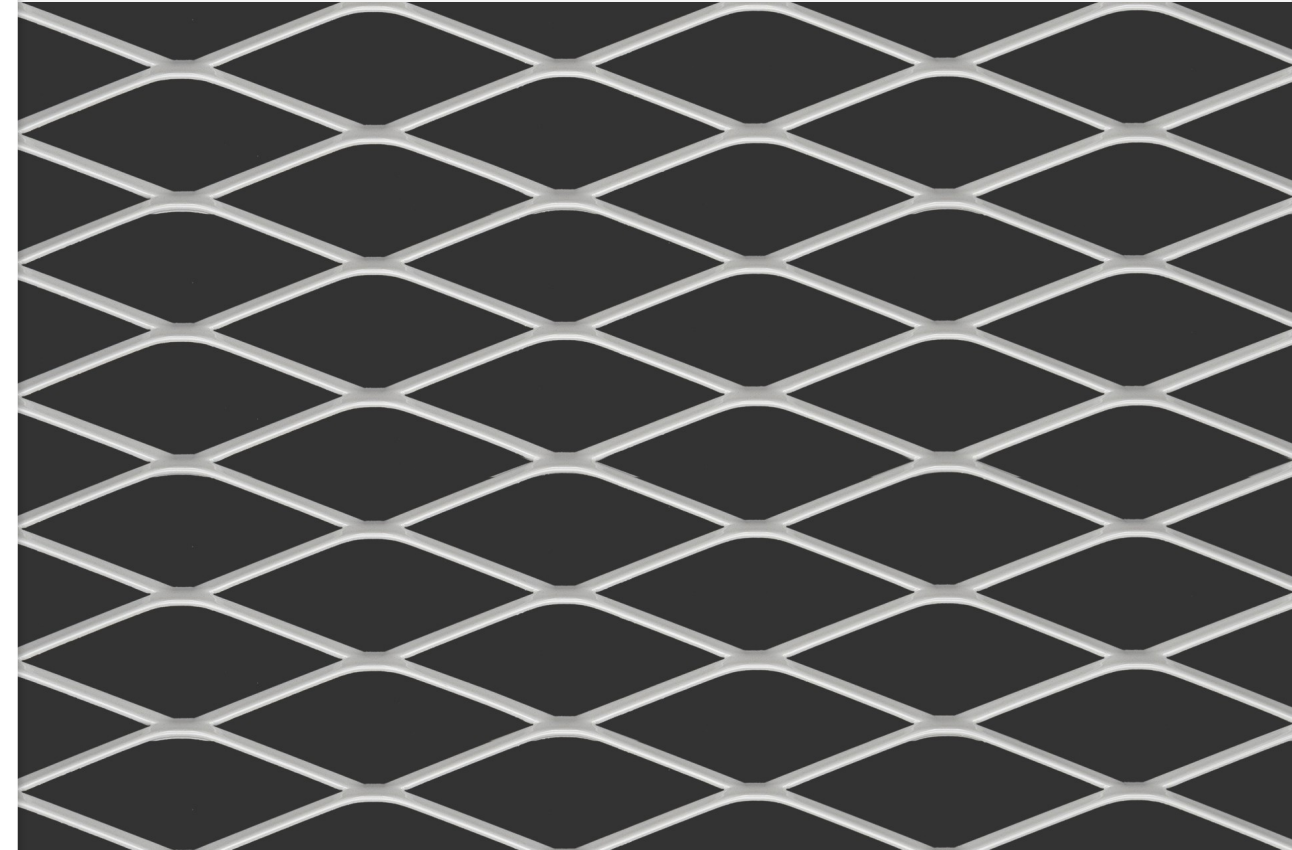
ca. 12 mm

FREE OPENINGS

70%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|-------------------------|-----------------------|-----------------------|
| 115 x 40 x 6,0 x 1,5 mm | 3,6 kg/m ² | 1,3 kg/m ² |
| 115 x 40 x 6,0 x 2,0 mm | 4,8 kg/m ² | 1,7 kg/m ² |
| 115 x 40 x 6,0 x 3,0 mm | 7,2 kg/m ² | 2,5 kg/m ² |



EXPANDFORM

Ludwigshafen

TOTAL THICKNESS

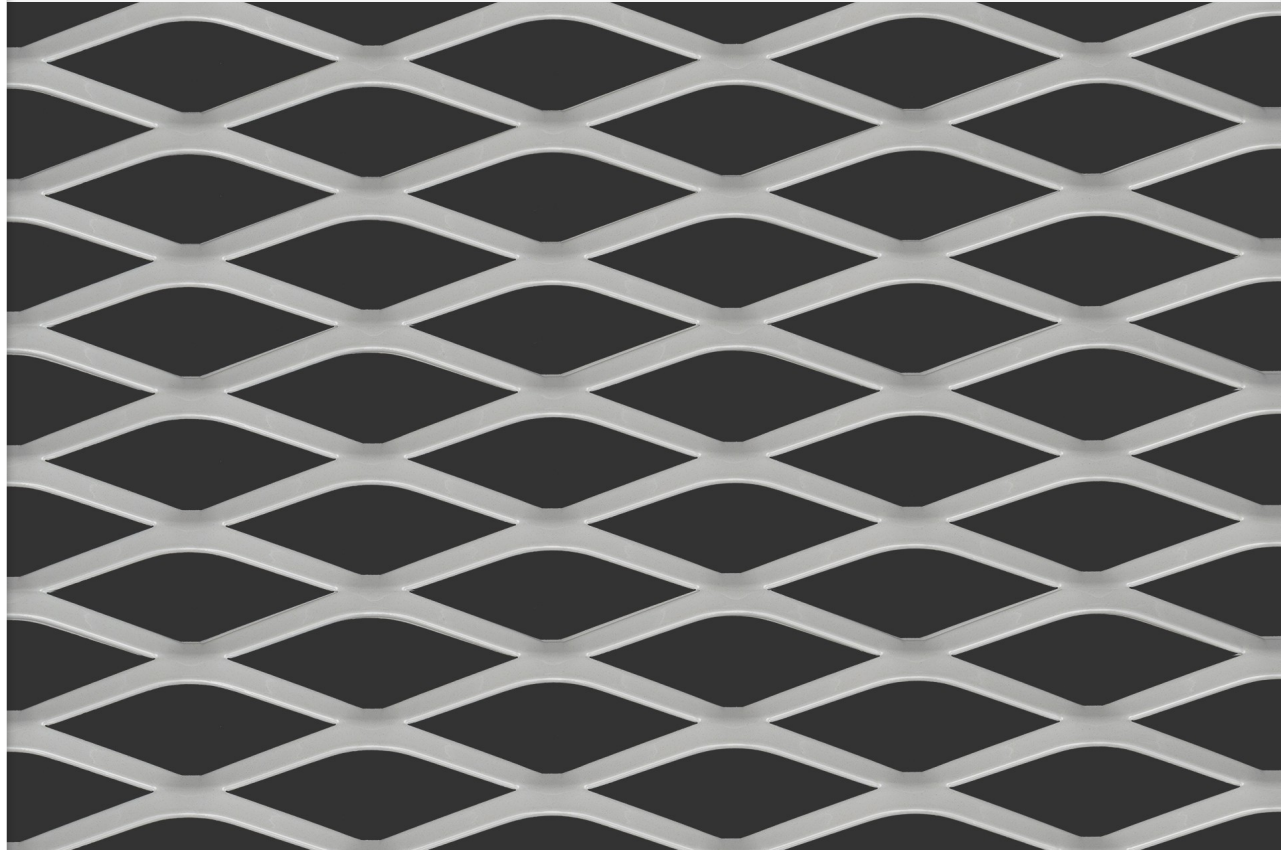
ca. 17 mm

FREE OPENINGS

53%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 115 x 42 x 10,0 x 1,5 mm | 5,7 kg/m ² | 2,0 kg/m ² |
| 115 x 42 x 10,0 x 2,0 mm | 7,6 kg/m ² | 2,7 kg/m ² |
| 115 x 42 x 10,0 x 3,0 mm | 11,4 kg/m ² | 4,0 kg/m ² |



EXPANDFORM

Köln

TOTAL THICKNESS

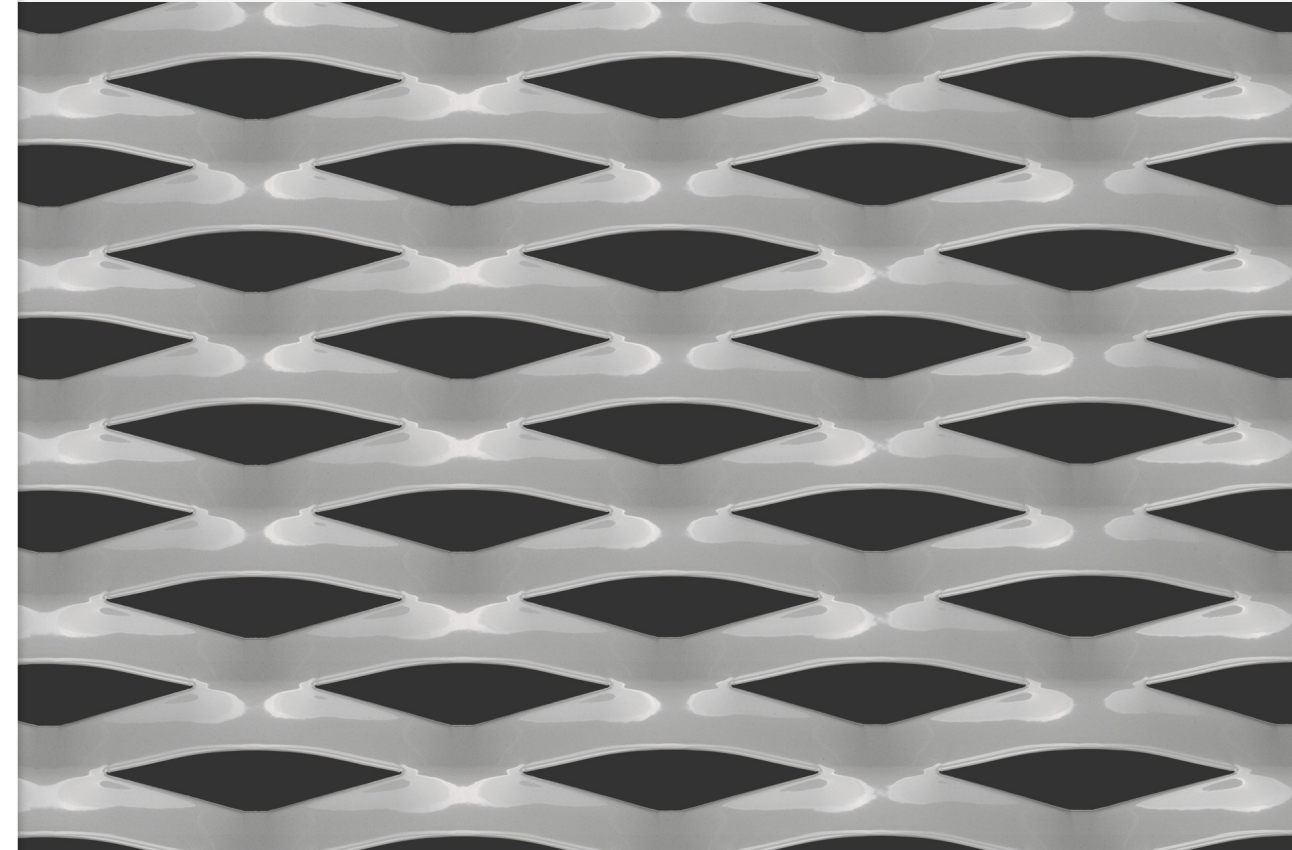
ca. 21mm

FREE OPENINGS

25%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 115 x 48 x 18,0 x 1,5 mm | 9,0 kg/m ² | 3,2 kg/m ² |
| 115 x 48 x 18,0 x 2,0 mm | 12,0 kg/m ² | 4,2 kg/m ² |
| 115 x 48 x 18,0 x 3,0 mm | 18,0 kg/m ² | 6,3 kg/m ² |



EXPANDFORM

Mannheim

TOTAL THICKNESS

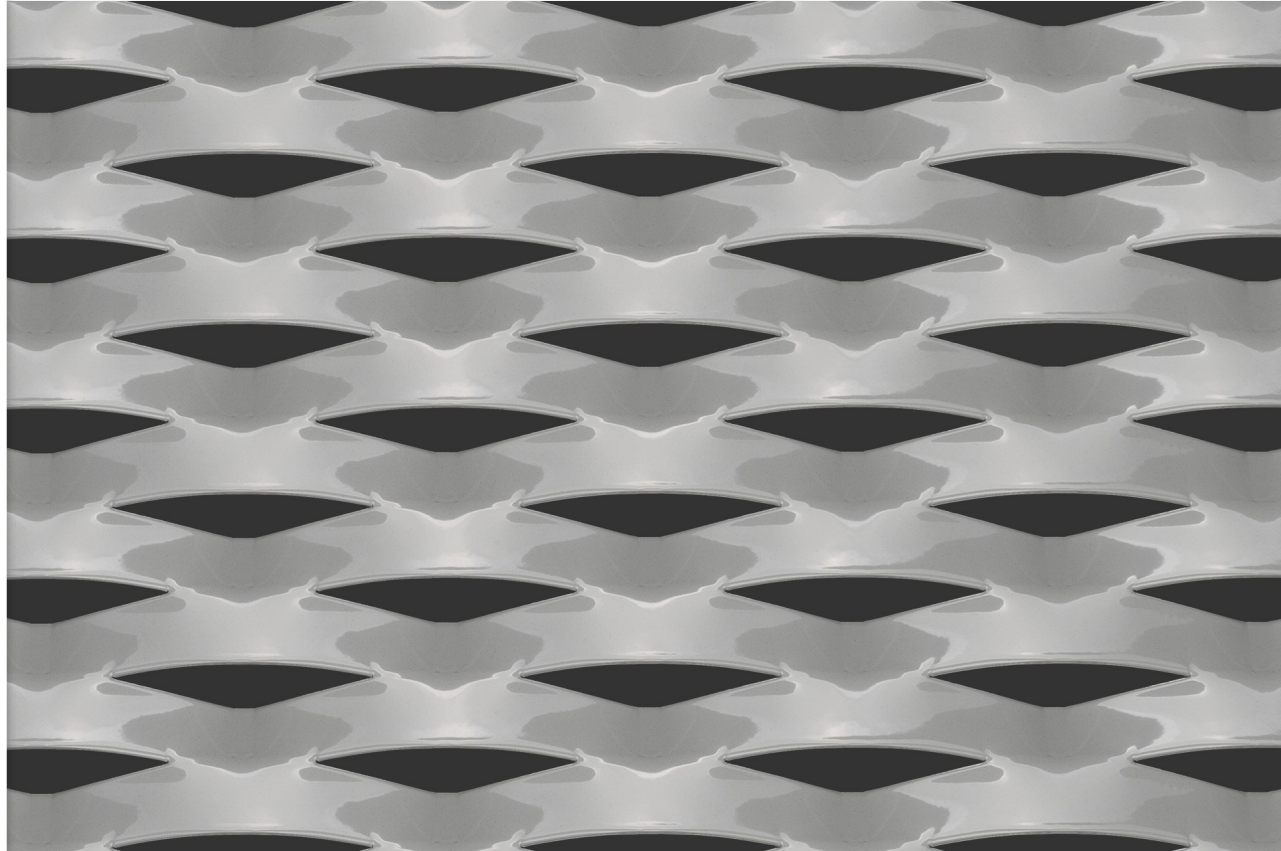
ca. 20 mm

FREE OPENINGS

17%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 115 x 48 x 20,0 x 1,5 mm | 10,0 kg/m ² | 3,5 kg/m ² |
| 115 x 48 x 20,0 x 2,0 mm | 13,3 kg/m ² | 4,7 kg/m ² |
| 115 x 48 x 20,0 x 3,0 mm | 20,0 kg/m ² | 7,0 kg/m ² |



EXPANDFORM

Singen

TOTAL THICKNESS

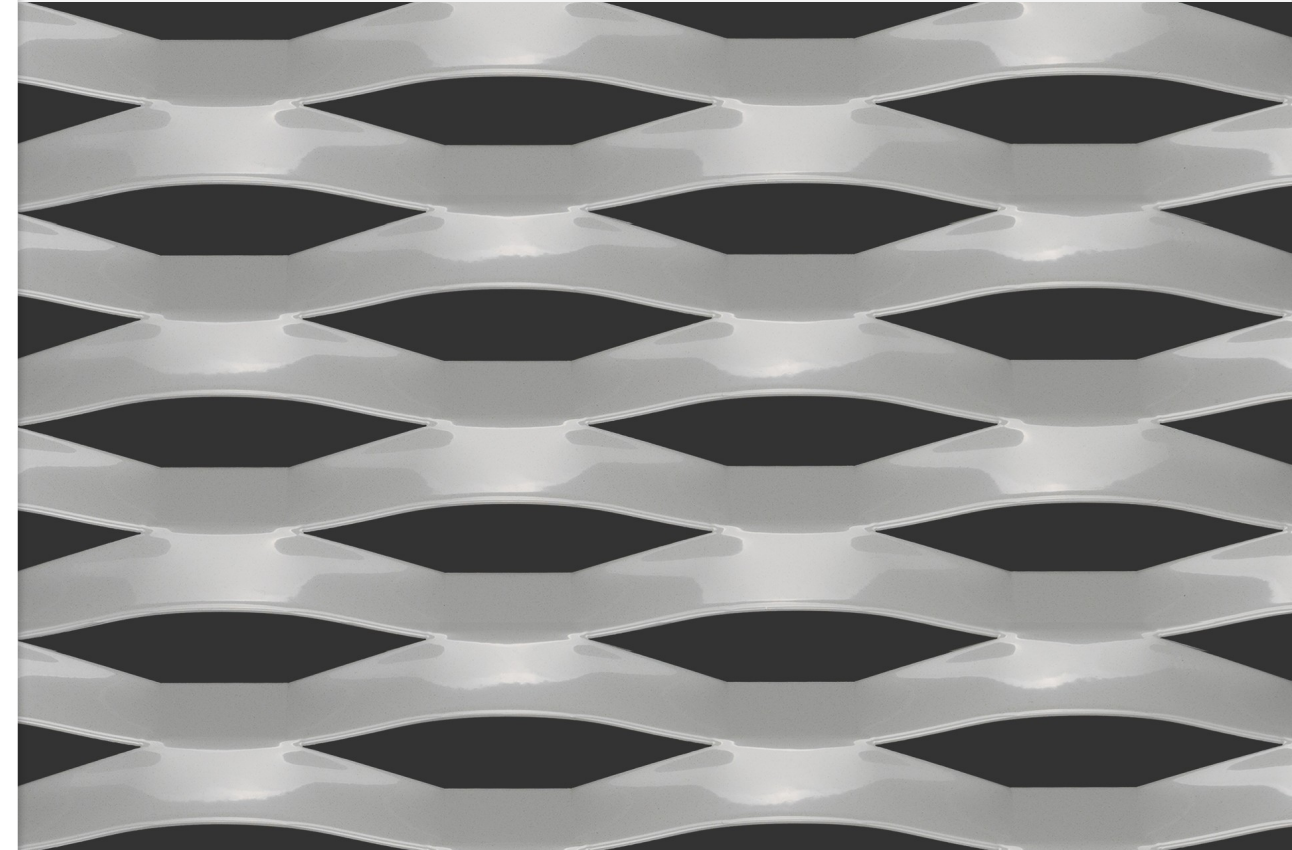
ca. 24mm

FREE OPENINGS

24%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 150 x 56 x 21,5 x 1,5 mm | 9,2 kg/m ² | 3,2 kg/m ² |
| 150 x 56 x 21,5 x 2,0 mm | 12,3 kg/m ² | 4,3 kg/m ² |
| 150 x 56 x 21,5 x 3,0 mm | 18,4 kg/m ² | 6,5 kg/m ² |



EXPANDFORM

Eppingen

TOTAL THICKNESS

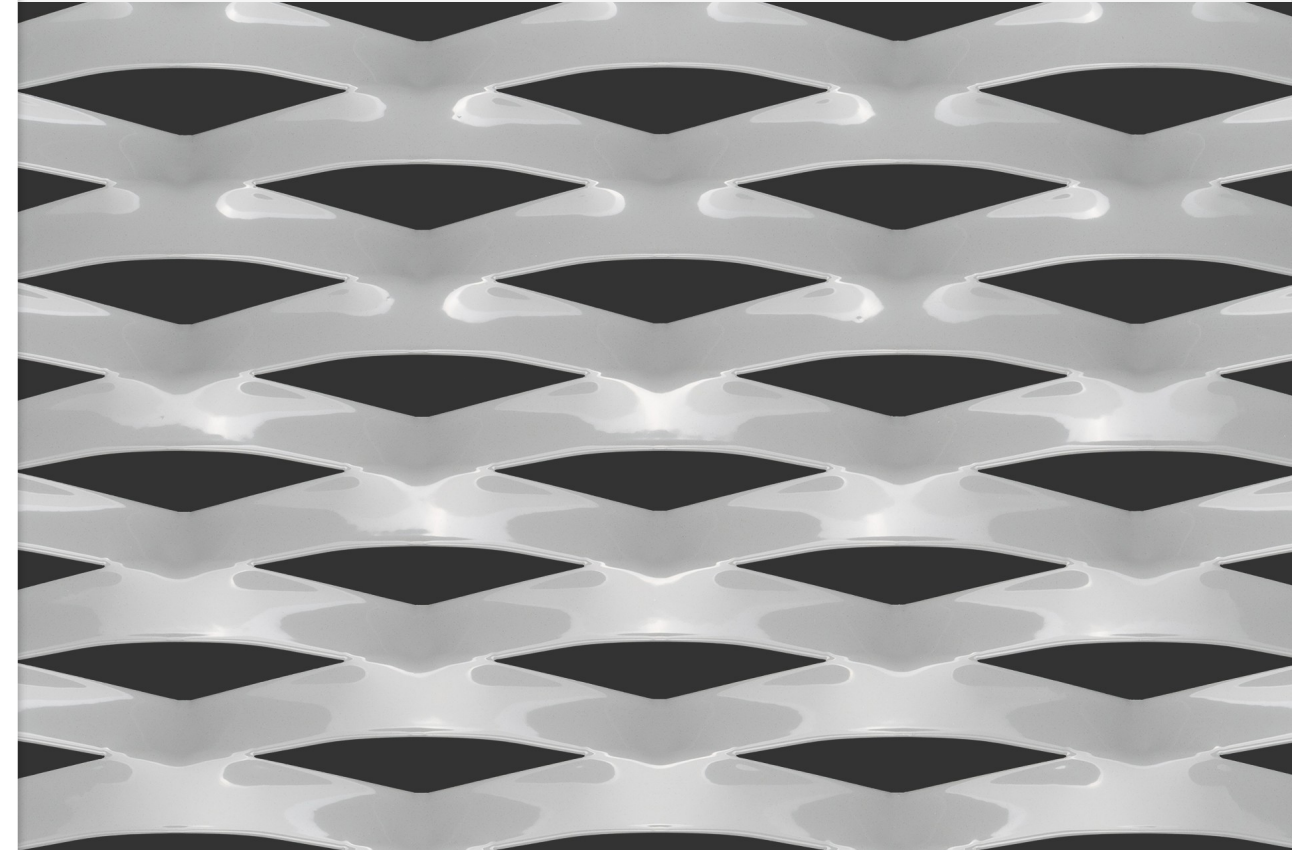
ca. 26 mm

FREE OPENINGS

20%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|------------------------|------------------------|-----------------------|
| 150 x 60 x 24 x 1,5 mm | 9,6 kg/m ² | 3,4 kg/m ² |
| 150 x 60 x 24 x 2,0 mm | 12,6 kg/m ² | 4,5 kg/m ² |
| 150 x 60 x 24 x 3,0 mm | 19,2 kg/m ² | 6,7 kg/m ² |



EXPANDFORM

Dresden

TOTAL THICKNESS

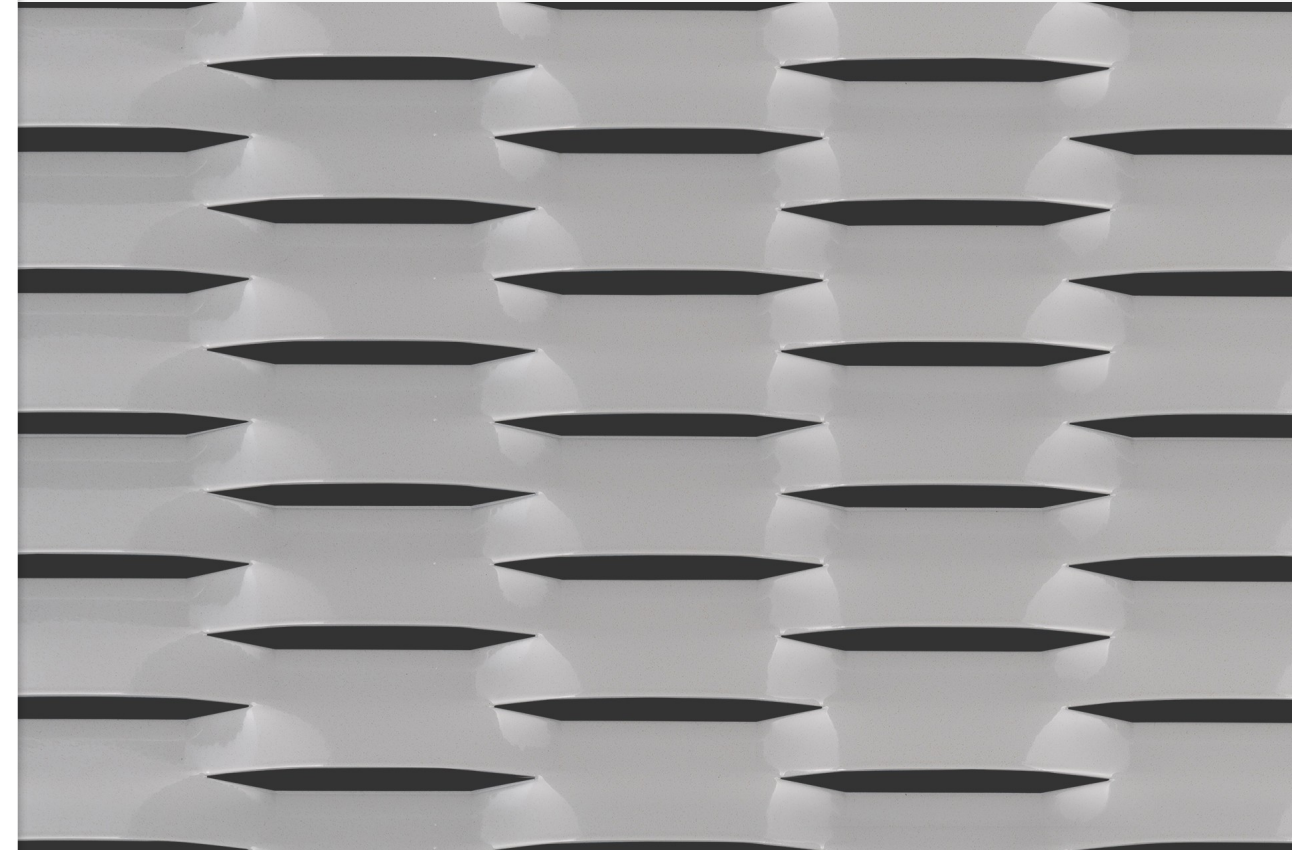
ca. 16mm

FREE OPENINGS

10%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 160 x 40 x 18,0 x 1,5 mm | 10,8 kg/m ² | 3,8 kg/m ² |
| 160 x 40 x 18,0 x 2,0 mm | 14,4 kg/m ² | 5,0 kg/m ² |
| 160 x 40 x 18,0 x 3,0 mm | 21,6 kg/m ² | 7,6 kg/m ² |



EXPANDFORM

Rastatt

TOTAL THICKNESS

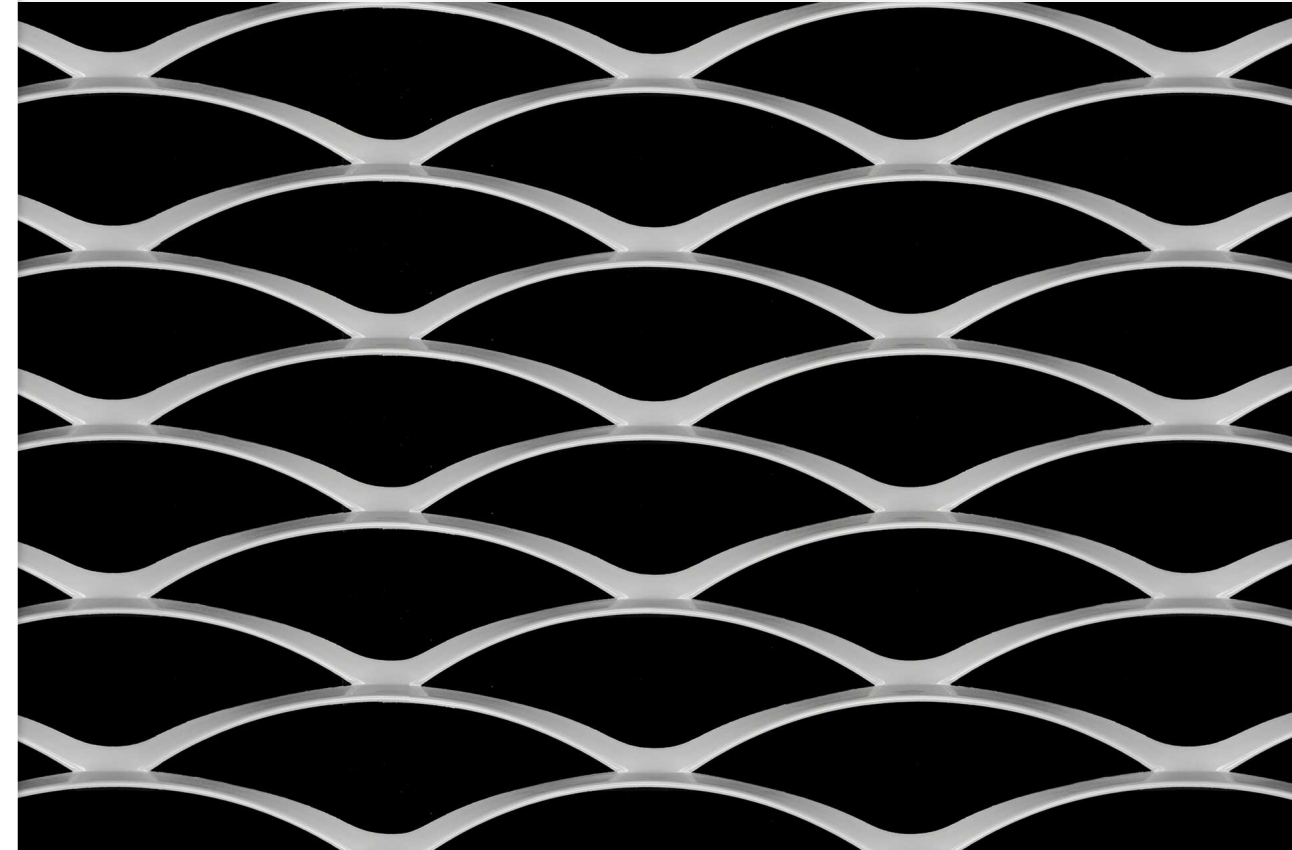
ca. 17mm

FREE OPENINGS

65%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|-----------------------|-----------------------|
| 170 x 56 x 10,0 x 1,5 mm | 4,3 kg/m ² | 1,5 kg/m ² |
| 170 x 56 x 10,0 x 2,0 mm | 5,7 kg/m ² | 2,0 kg/m ² |
| 170 x 56 x 10,0 x 3,0 mm | 8,6 kg/m ² | 3,0 kg/m ² |



EXPANDFORM

Regensburg

TOTAL THICKNESS

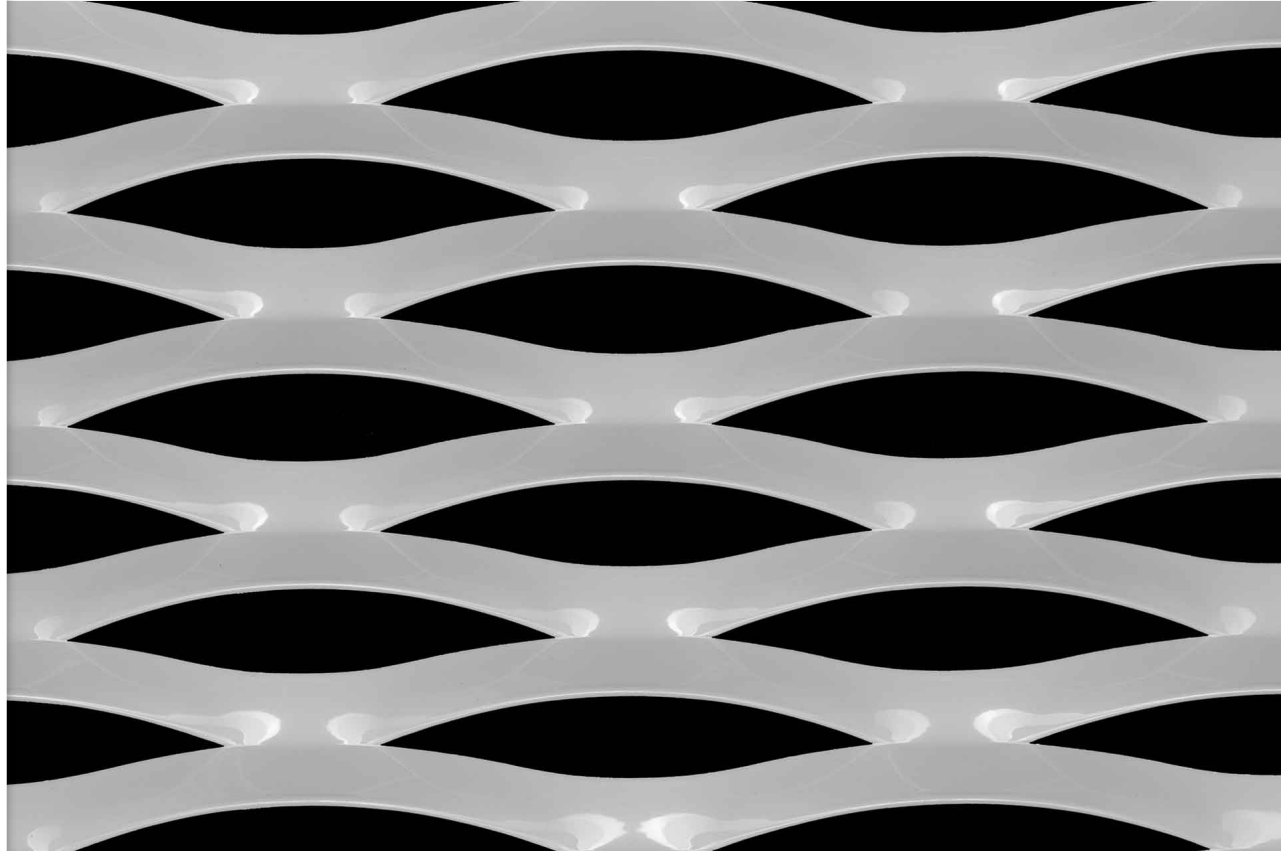
ca. 25 mm

FREE OPENINGS

29%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 170 x 56 x 20,0 x 1,5 mm | 8,6 kg/m ² | 3,0 kg/m ² |
| 170 x 56 x 20,0 x 2,0 mm | 11,4 kg/m ² | 4,0 kg/m ² |
| 170 x 56 x 20,0 x 3,0 mm | 17,2 kg/m ² | 6,2 kg/m ² |



EXPANDFORM

Erlangen

TOTAL THICKNESS

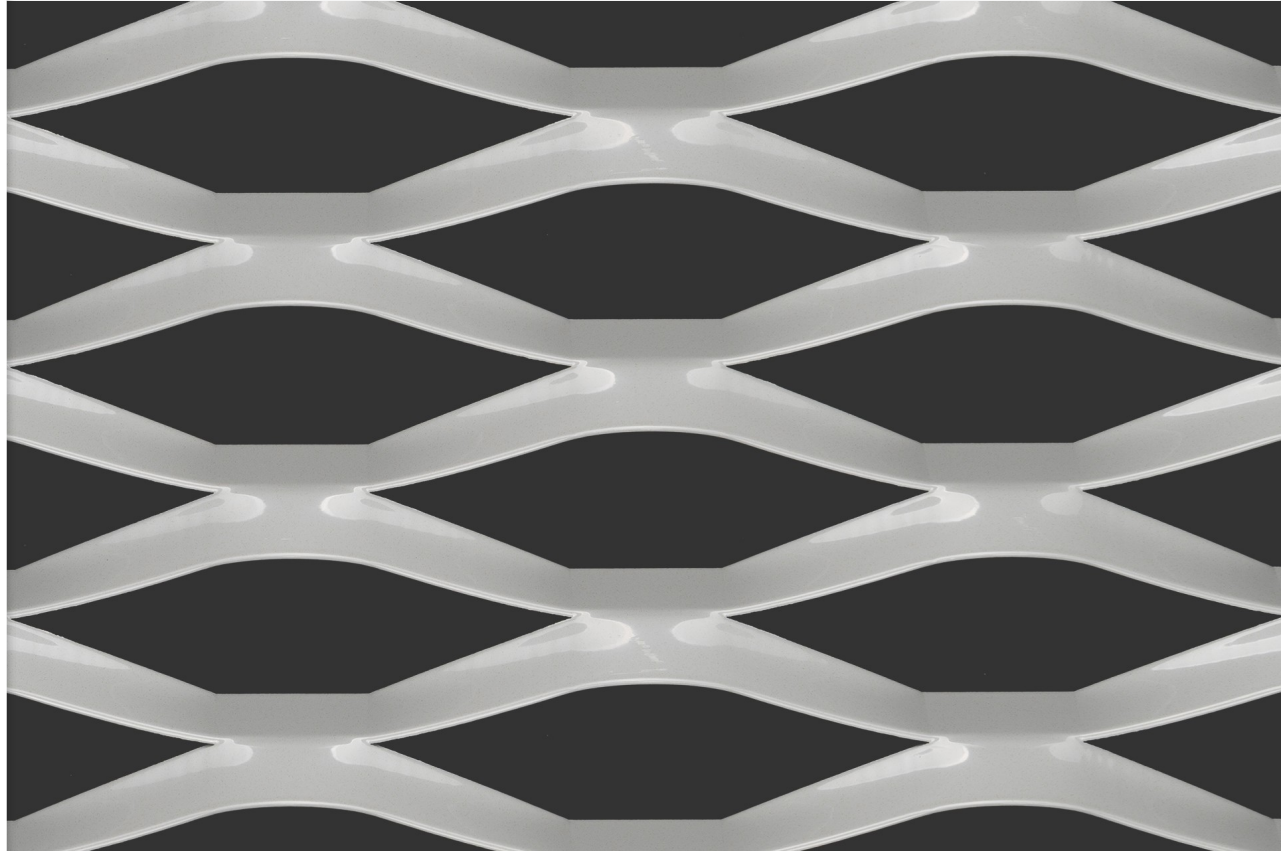
ca. 28 mm

FREE OPENINGS

42%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 200 x 70 x 20,6 x 1,5 mm | 7,1 kg/m ² | 2,5 kg/m ² |
| 200 x 70 x 20,6 x 2,0 mm | 9,4 kg/m ² | 3,3 kg/m ² |
| 200 x 70 x 20,6 x 3,0 mm | 14,1 kg/m ² | 5,0 kg/m ² |



EXPANDFORM

Sinsheim

TOTAL THICKNESS

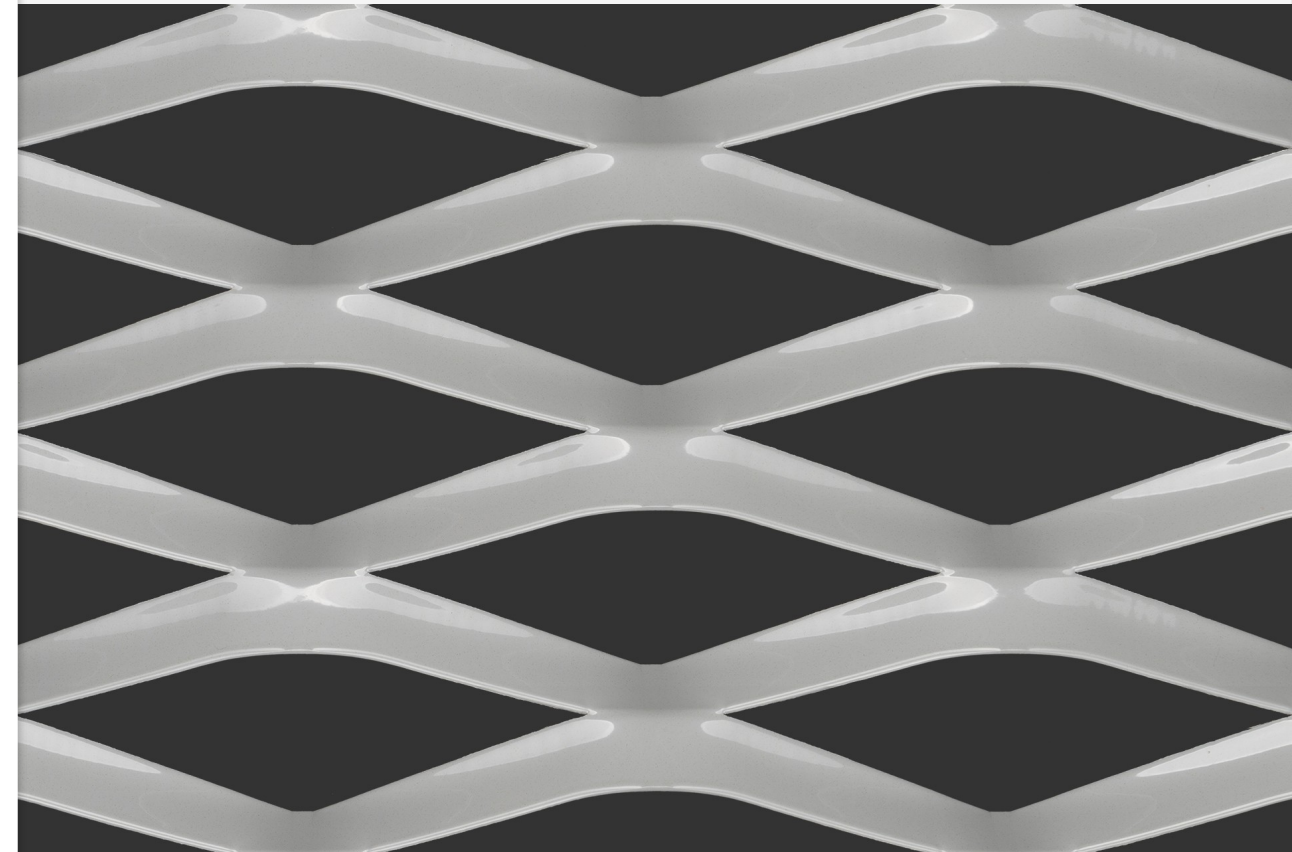
ca. 33 mm

FREE OPENINGS

40%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 200 x 80 x 24,0 x 1,5 mm | 7,2 kg/m ² | 2,5 kg/m ² |
| 200 x 80 x 24,0 x 2,0 mm | 9,4 kg/m ² | 3,3 kg/m ² |
| 200 x 80 x 24,0 x 3,0 mm | 14,4 kg/m ² | 5,0 kg/m ² |



EXPANDFORM

Darmstadt

TOTAL THICKNESS

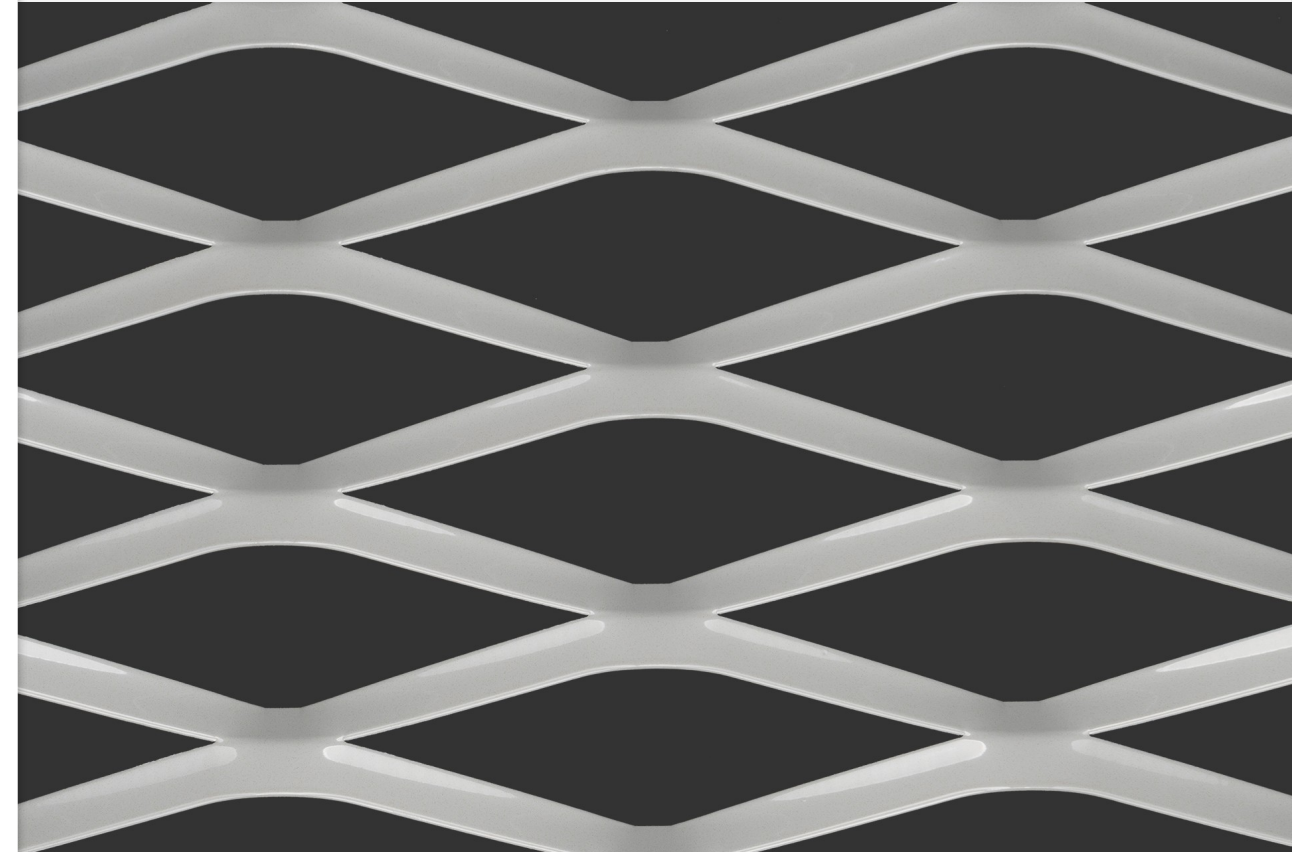
ca. 31 mm

FREE OPENINGS

52%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 250 x 83 x 20,0 x 1,5 mm | 5,8 kg/m ² | 2,1 kg/m ² |
| 250 x 83 x 20,0 x 2,0 mm | 7,7 kg/m ² | 2,7 kg/m ² |
| 250 x 83 x 20,0 x 3,0 mm | 11,6 kg/m ² | 4,1 kg/m ² |



EXPANDFORM

Friedrichshafen

TOTAL THICKNESS

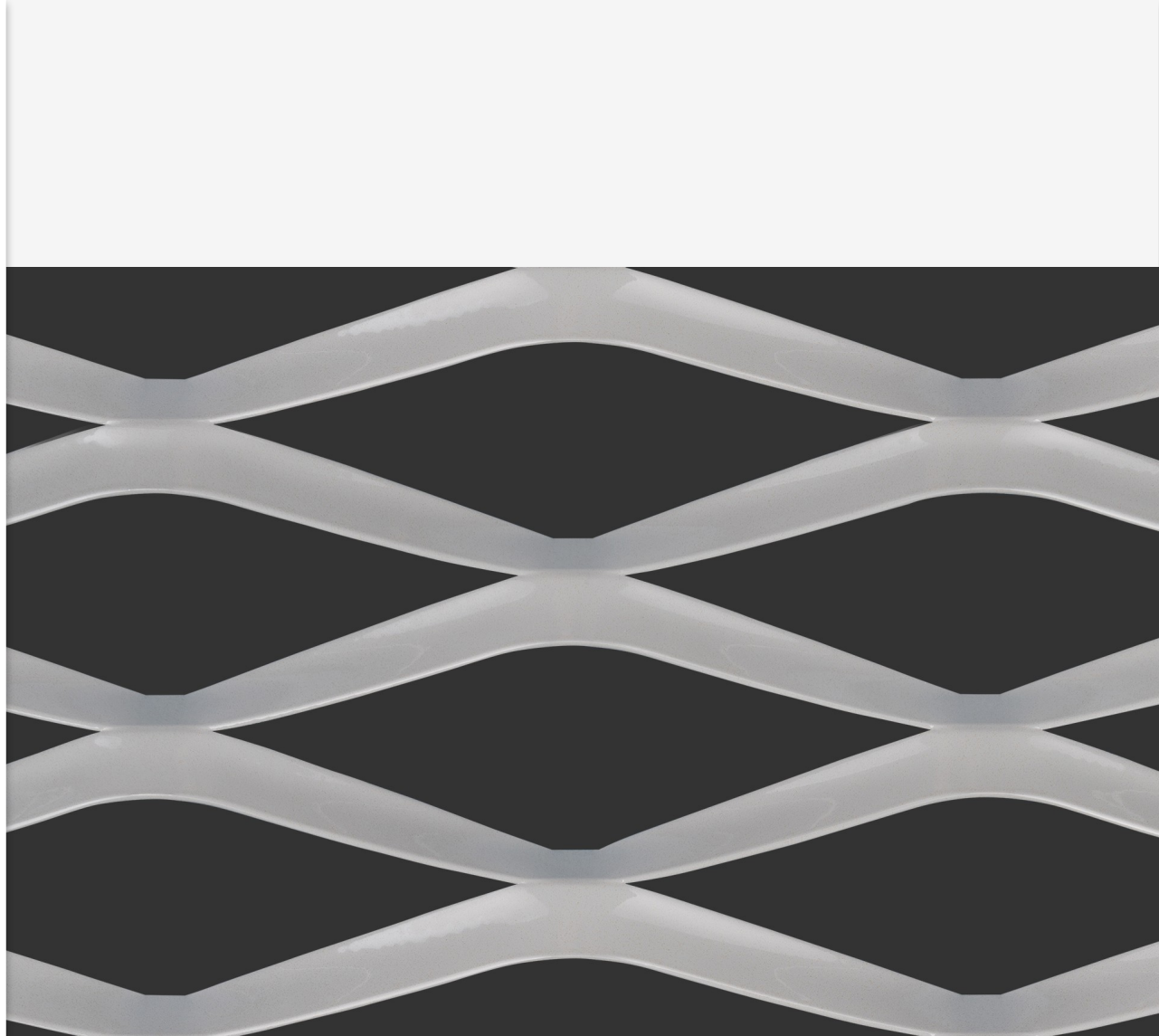
ca. 36mm

FREE OPENINGS

47%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|--------------------------|------------------------|-----------------------|
| 250 x 94 x 25,0 x 1,5 mm | 6,4 kg/m ² | 2,3 kg/m ² |
| 250 x 94 x 25,0 x 2,0 mm | 8,5 kg/m ² | 3,0 kg/m ² |
| 250 x 94 x 25,0 x 3,0 mm | 12,8 kg/m ² | 4,5 kg/m ² |



EXPANDFORM

München

TOTAL THICKNESS

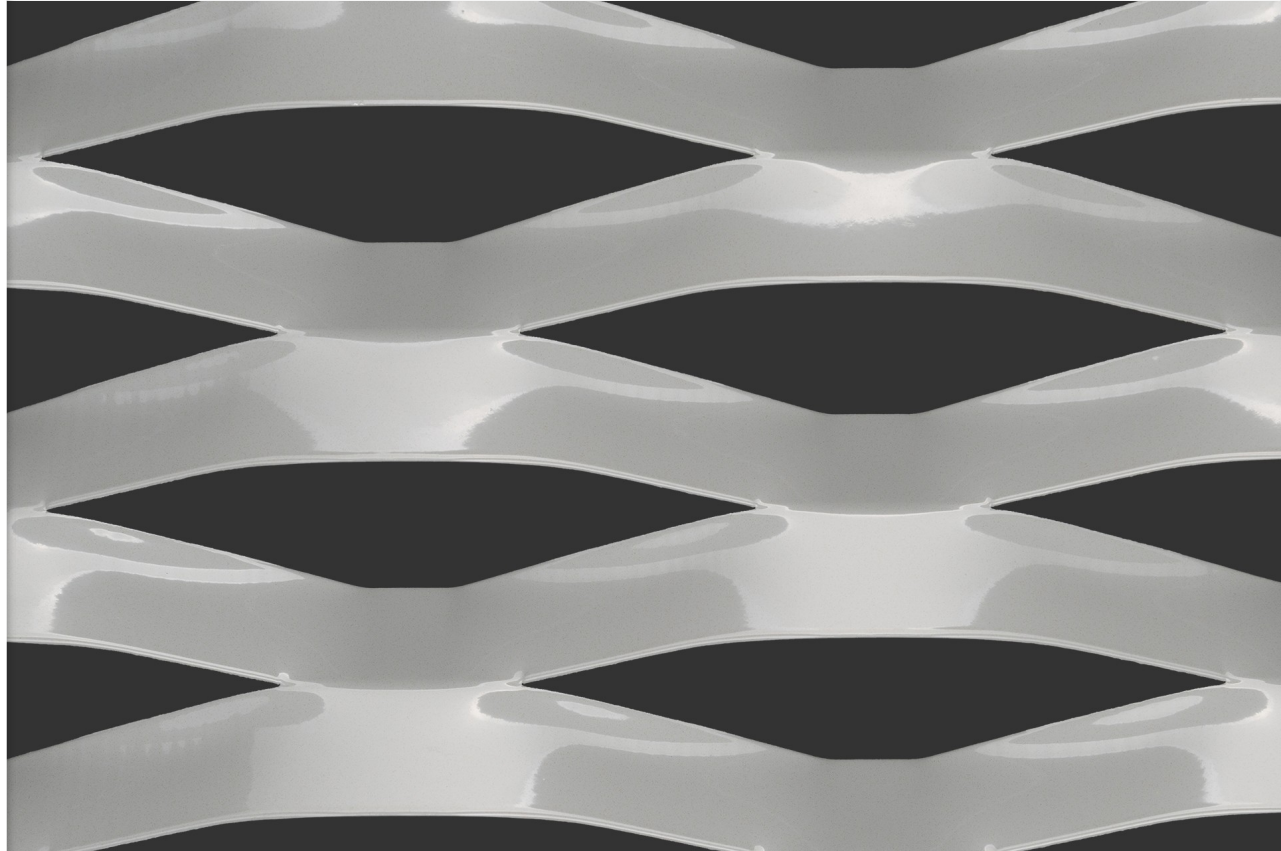
ca. 43 mm

FREE OPENINGS

28%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|---------------------------|------------------------|-----------------------|
| 290 x 110 x 40,0 x 1,5 mm | 8,8 kg/m ² | 3,1 kg/m ² |
| 290 x 110 x 40,0 x 2,0 mm | 11,6 kg/m ² | 4,1 kg/m ² |
| 290 x 110 x 40,0 x 3,0 mm | 16,5 kg/m ² | 6,1 kg/m ² |



EXPANDFORM

Hamburg

TOTAL THICKNESS

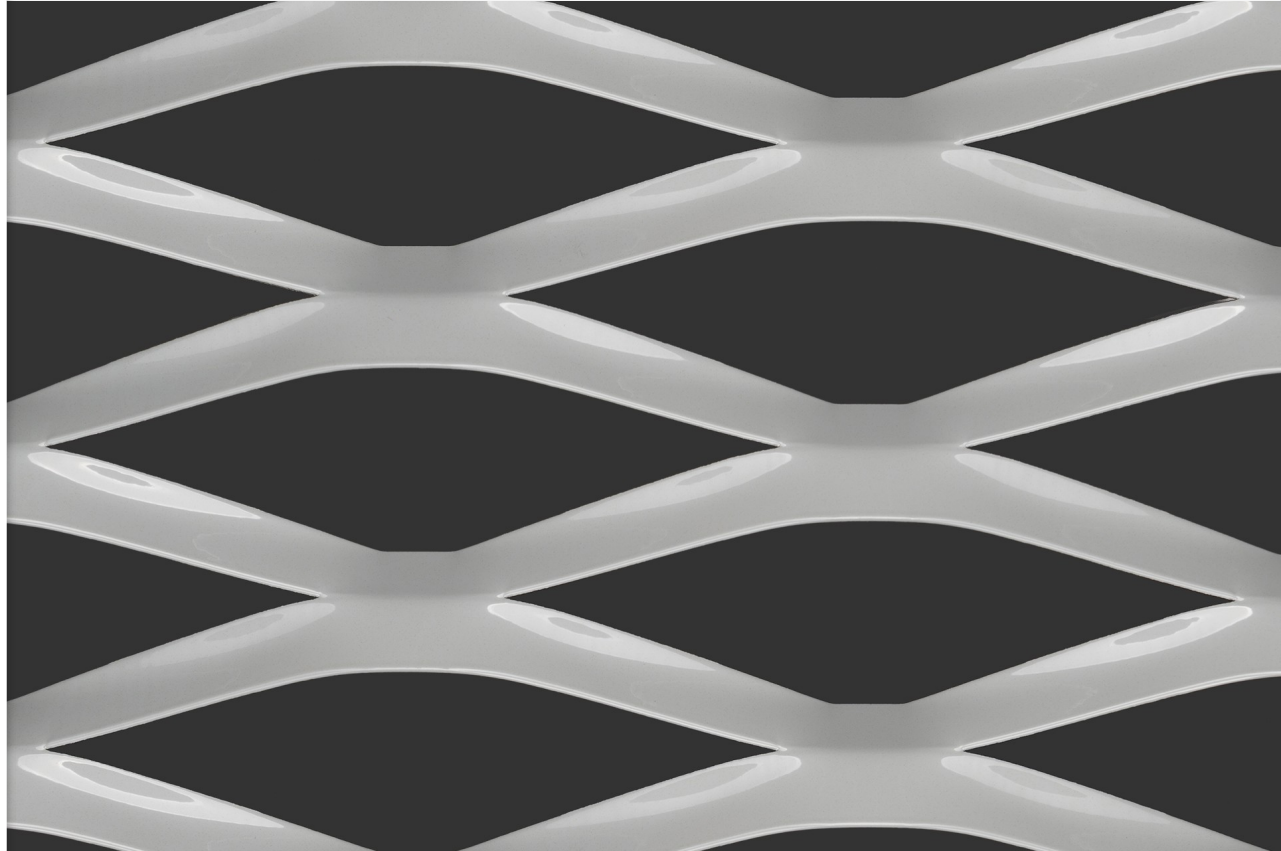
ca. 41 mm

FREE OPENINGS

44%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|---------------------------|------------------------|-----------------------|
| 300 x 100 x 28,0 x 1,5 mm | 6,7 kg/m ² | 2,4 kg/m ² |
| 300 x 100 x 28,0 x 2,0 mm | 9,0 kg/m ² | 3,1 kg/m ² |
| 300 x 100 x 28,0 x 3,0 mm | 13,4 kg/m ² | 4,7 kg/m ² |



EXPANDFORM

Mossbach

TOTAL THICKNESS

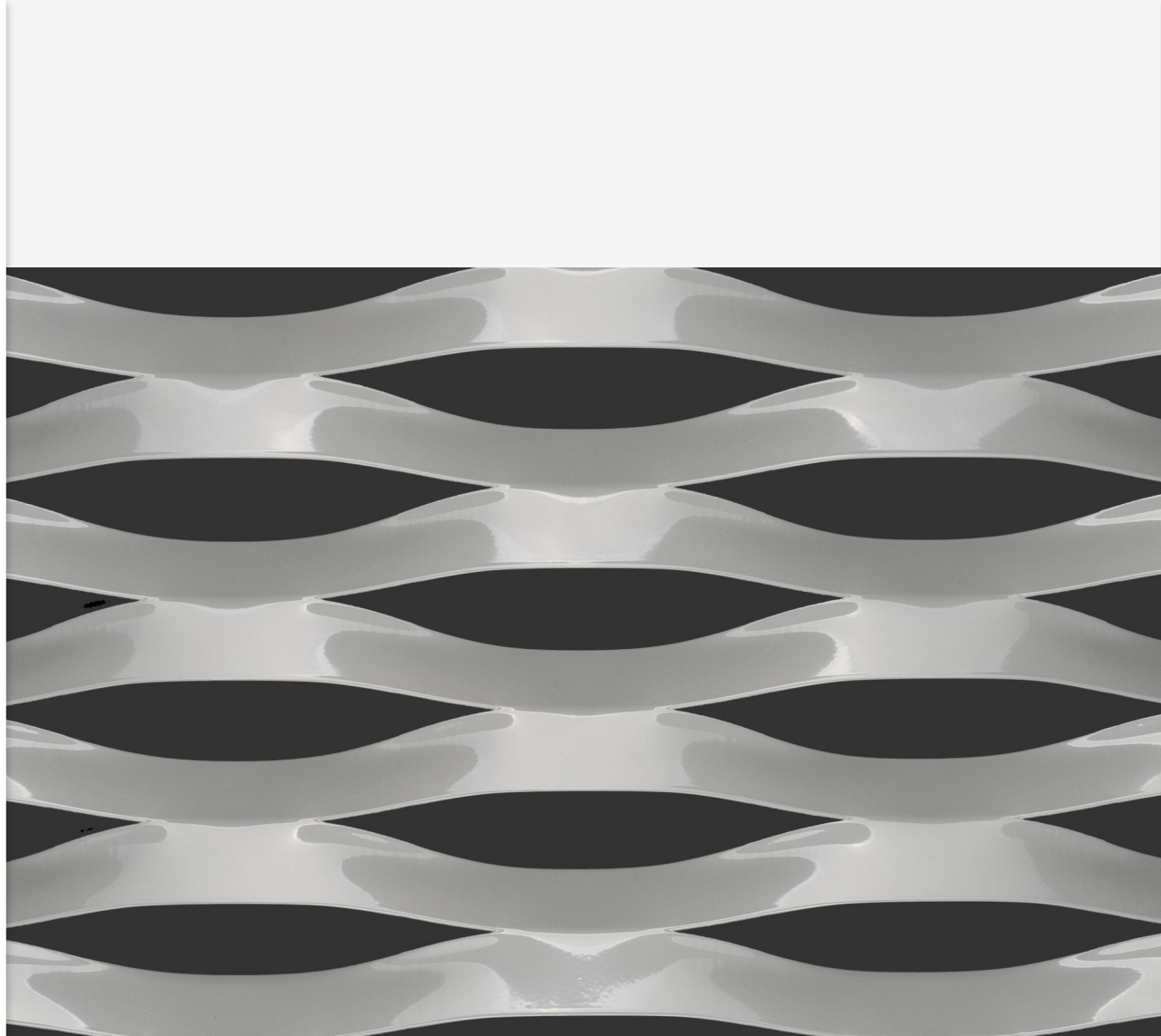
ca. 45 mm

FREE OPENINGS

24%

AVAILABLE SPECIFICATIONS

| Mesh (mm) | Weight Steel | Weight Alu |
|---------------------------|------------------------|-----------------------|
| 337 x 105 x 40,0 x 1,5 mm | 9,2 kg/m ² | 3,2 kg/m ² |
| 337 x 105 x 40,0 x 2,0 mm | 12,2 kg/m ² | 4,3 kg/m ² |
| 337 x 105 x 40,0 x 3,0 mm | 18,3 kg/m ² | 6,4 kg/m ² |



Built to specification.

Each ExpandForm pattern can be specified in steel or aluminium across multiple sheet thicknesses, with custom panel sizes and a full range of finishes.

Materials

- Aluminium
- Mild / galvanised steel
- Stainless steel (on request)

Thicknesses

- 1.0 mm
- 1.5 mm
- 2.0 mm
- 3.0 mm

Sheet sizes

- Standard panels
- Cut-to-size
- Custom geometries

Finishes

- Mill (untreated)
- Powder coat (RAL)
- Anodised aluminium



MIDDLE EAST

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