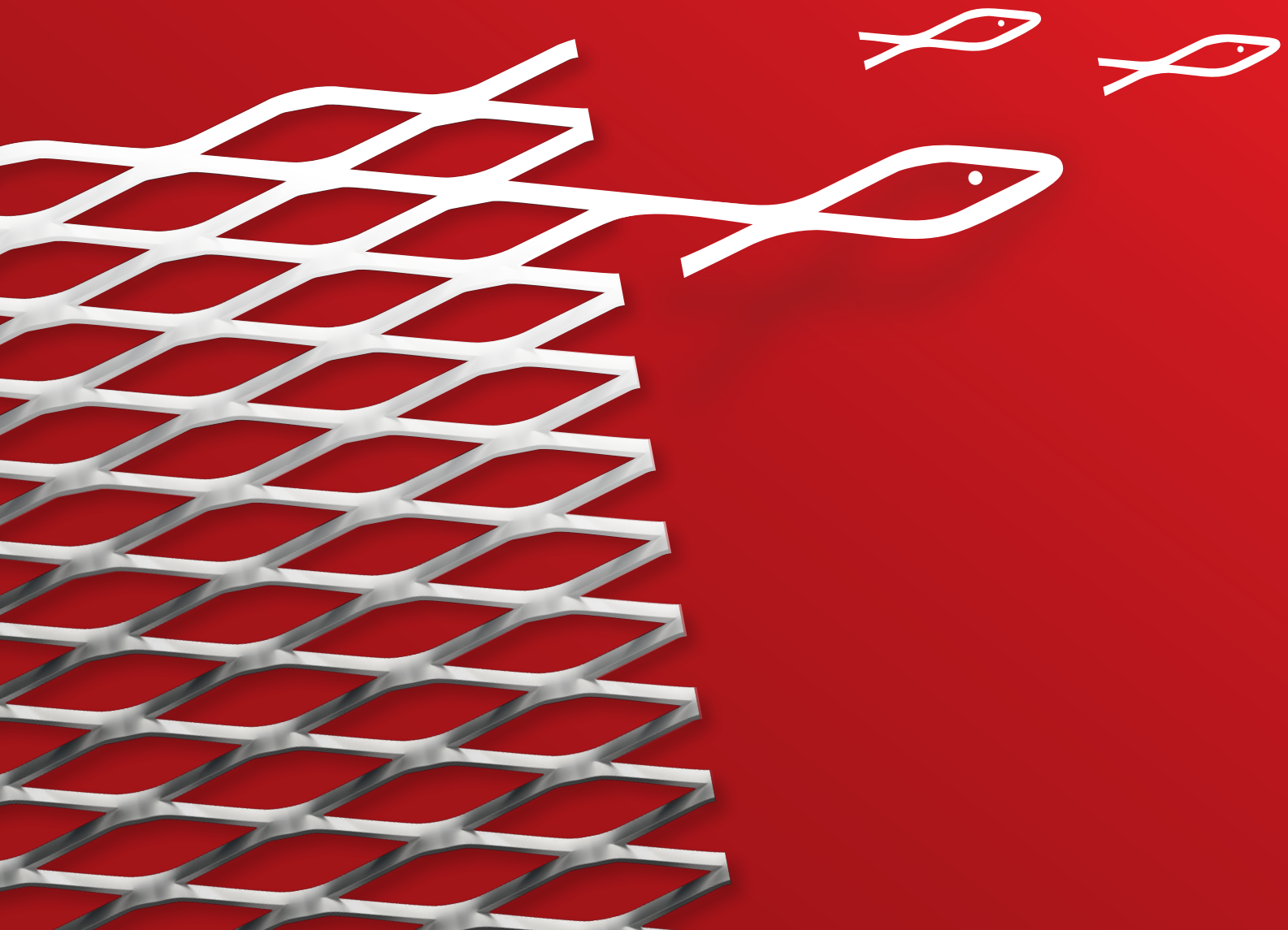

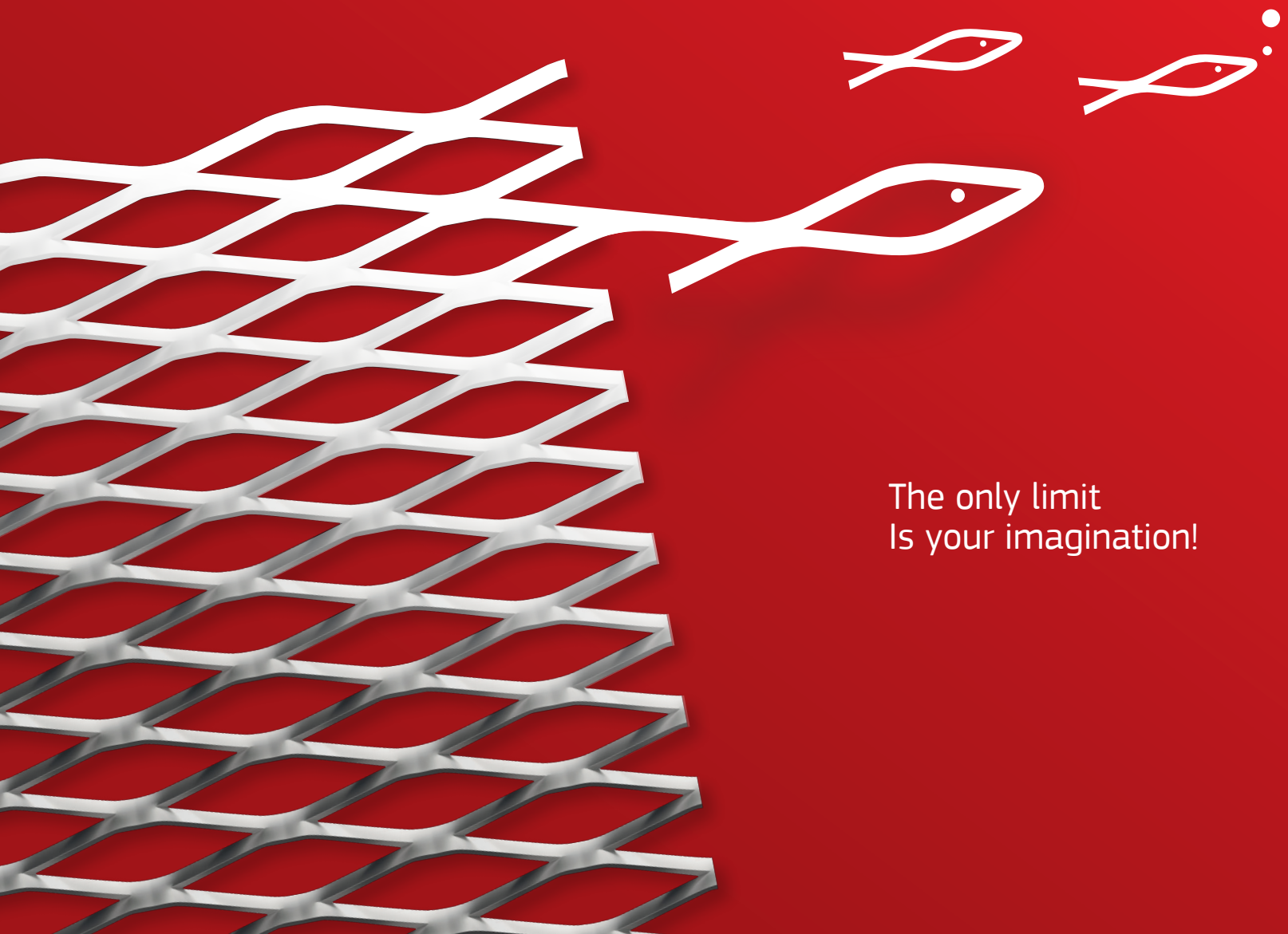

The only limit
Is your imagination!

Welcome a new
World of possibilities!
XPAND
powered by ALUMINCO

XPAND
powered by ALUMINCO

a new era

Aluminco Xpand is a new polymorphic, light, cost-effective architectural design screen, that adapts to your needs and is sure to rock your next project!

It is available in a variety of forms, motives and colors that differ according to the given dimensions, the light penetration, and the design.

Façades, balustrades, gates, fences, sunscreens, ceilings, special constructions, are all up to your imagination and... Aluminco Xpand!

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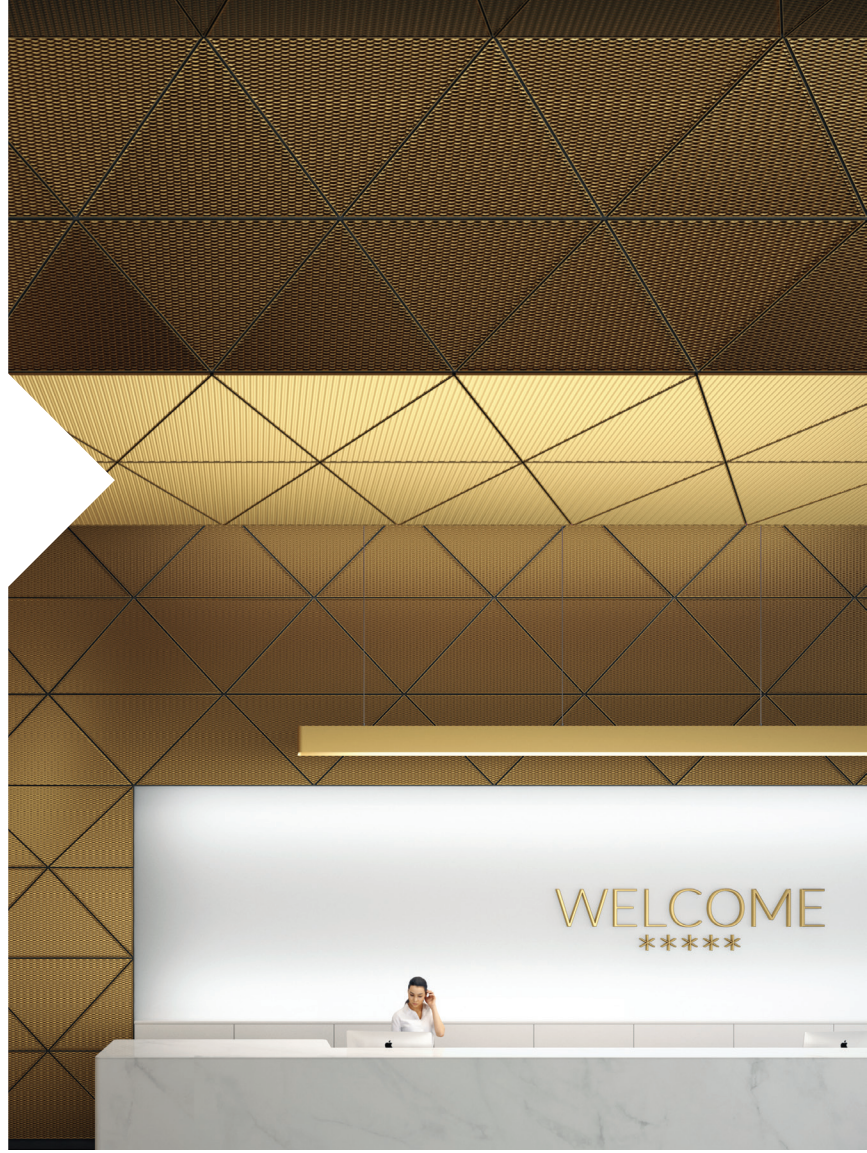
1

XPAND'S DNA

ALUMINCO XPAND is a new polymorphic, light, cost effective architectural design screen that belongs to the Mesh product category and for its treatment 2mm aluminum alloy sheets 1050-H14 or 5754-H22 are used, ideal for anodising or electrostatic paint respectively.
Xpand comes in various dimensions and designs with cells' width varying from 40mm to 175mm, cell's height from 5mm to 44mm and air permeability from 25% to 69%.
The final product, depending on the design, can vary from 2440mm to 7500mm in length and from 1000mm to 1500mm in width.



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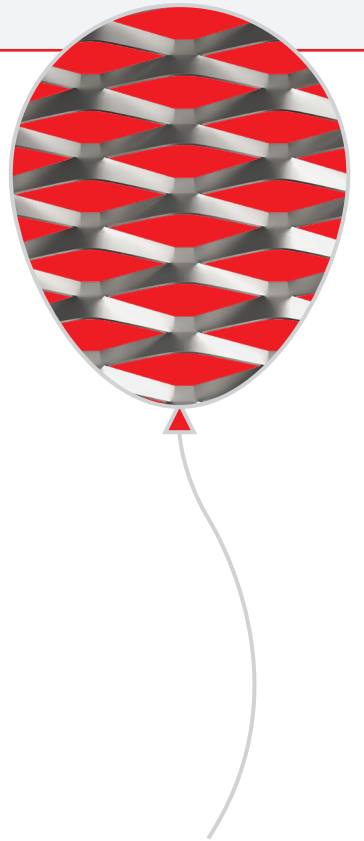
Light but significant!



It is a fact that this new, lightweight product can leave an important footprint on your next project! The products of the Alumico Xpand family are made of aluminum and maintain all the characteristics of aluminum. It is a light product in weight without compromising on its durability. It has low transport costs, easy installation and handling and maintains its structural integrity in every environment condition.
Combining all of the above features, has the ability to completely change the looks of the construction where applied.

lightness

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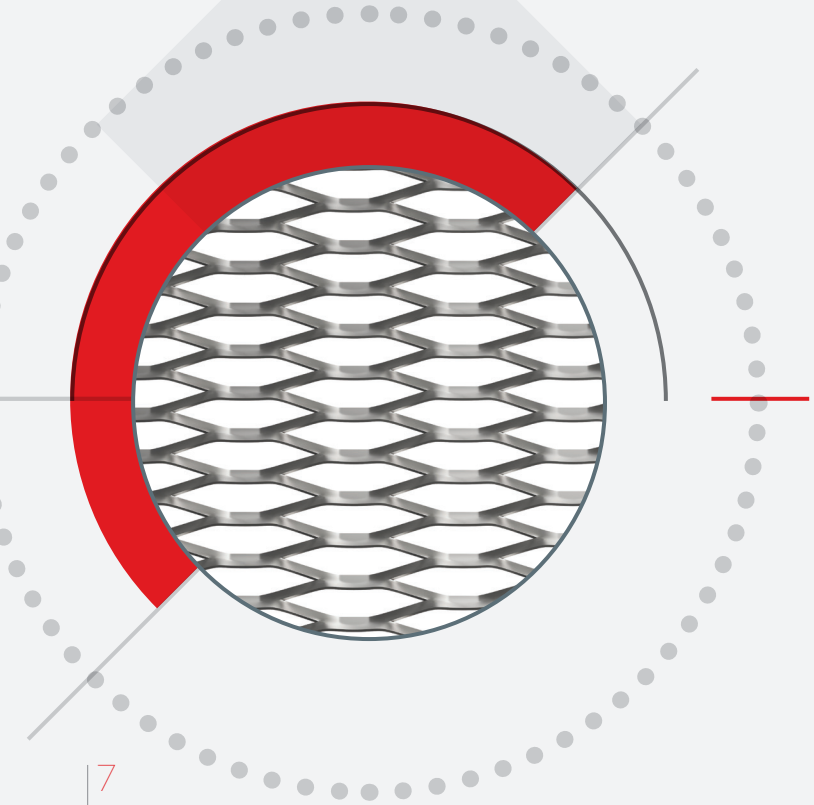
versatility



Many forms, even more solutions!

We could ask you to imagine Aluminum Xpand products as an organic entity that changes and adapts to every creation. It would not be an exaggeration, since the variety of patterns and motifs, the possibility of colors and finishes and anodising, different levels of permeability, curvature etc. offer a choice of unlimited options for your project design. The hard part is to choose a model. The rest is a very easy task for Aluminco Xpand.

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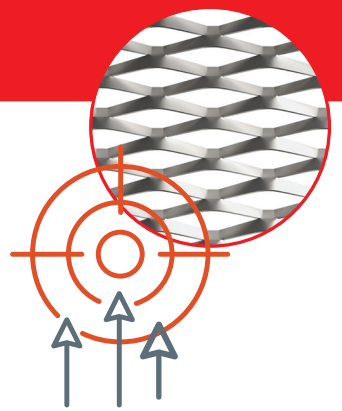
second skin

Significant characteristics, impressive creations!

The main characteristic of Aluminco Xpand Architectural Aluminum Mesh is undoubtedly the impressive way it ‘embraces’ the construction as a whole, offering a significant style. It creates a kind of ‘shell’ around the building as a second “skin” shaping its ultimate aesthetics. This skin works primarily as a single element and as a filter between the indoor and the outdoor. The proportions of Xpand meshes highlight the elements of the construction, without limiting, protecting from the sun without restricting the view from the inside, simultaneously providing a sense of security.



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Colors and surface treatment

Xpand is offered in a wide range of colors and finishes, all certified according according to Qualicoat and Qualanod.

Powder coating & Anodising

Choose from an extremely wide range of RAL colors in 3 different textures, glossy, mat
and colors with a grained finish and a wide selection of mat colors in order to meet almost any requirement.

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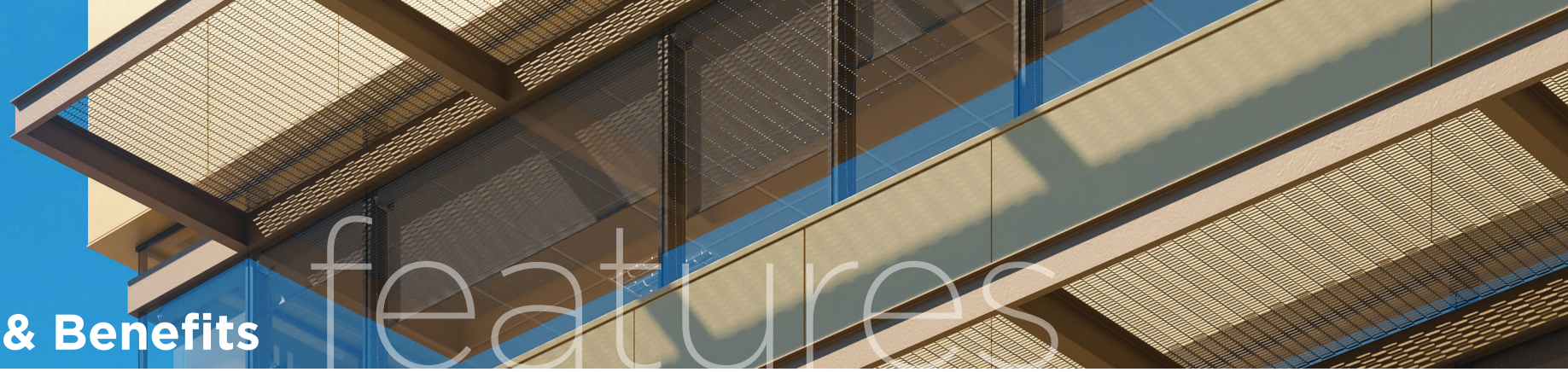


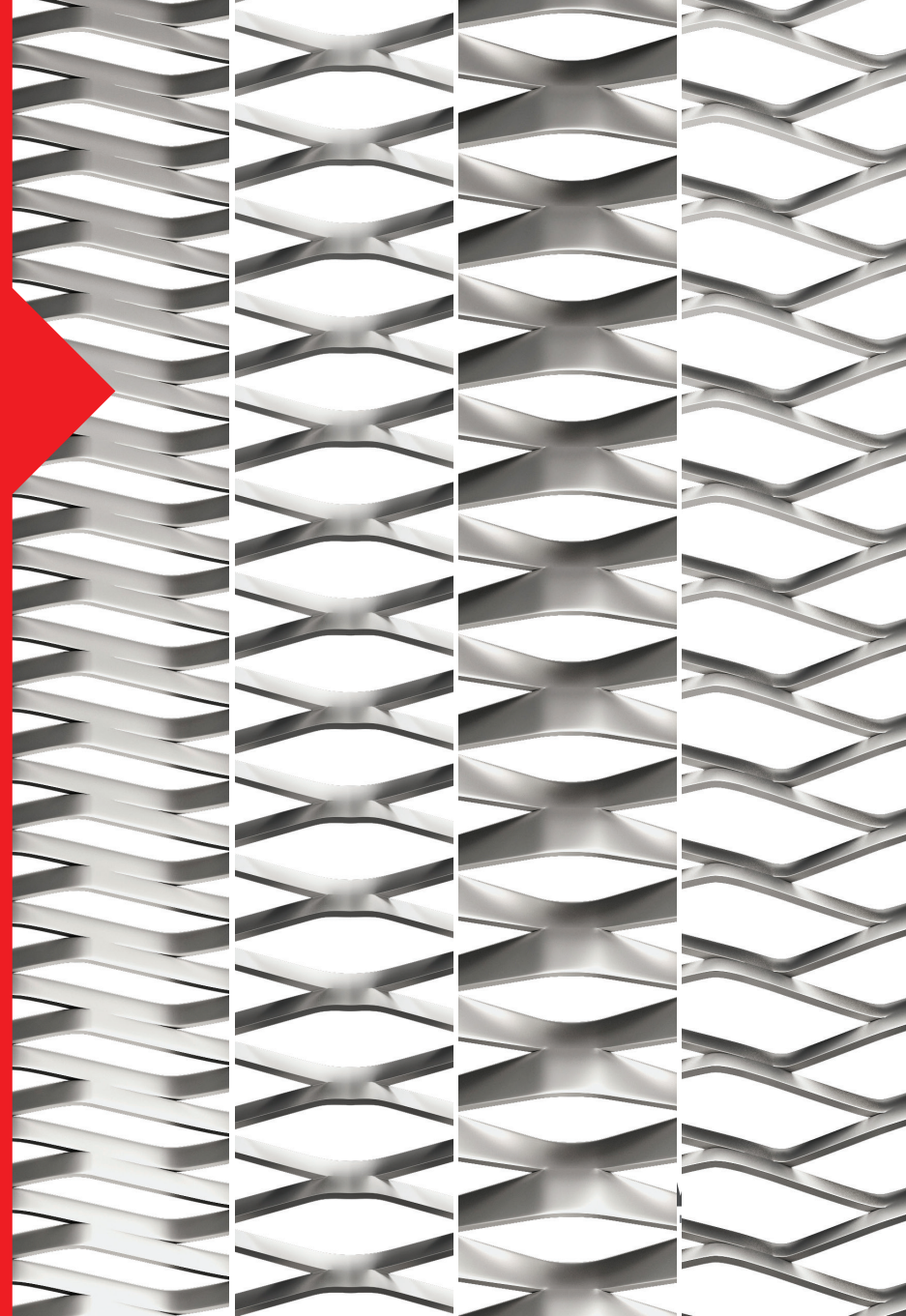
Features & Benefits

- Introduces an extra element of style to any space.
- Is a simple, stylish and cost-effective solution offers exceptional levels of open area.
- Divides / formes space.
- Acts as a sun-shield, diffusing light.
- Allows bending and controlled shaping.
- Various shapes and dimensions.
- Works great for balustrades, fences, gates or to hide unsightly areas.
- Shading/Ventilating.
- Can be combined with Aluminco's Fusion Line series.
- Being lightweight and durable, is suitable for both commercial and residential projects.

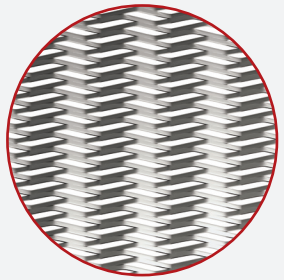
2

The Collection

Color, size, shape, light weight, wide application, easy and fast installation, great durability and flexibility in forming complex designs and motifs are the main reasons for using Architectural Design Screens, Aluminco Xpand.
16 different models are born to feed your imagination!



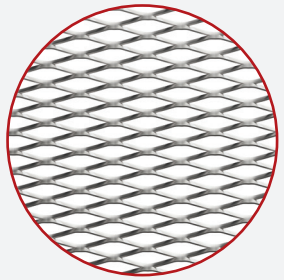
XP 101



Strand Width: 4 mm
Long Way of Opening: 42 mm
Short Way of Opening: 5 mm
Overall Thickness: 6 mm
Open Area: 40%

Product Dimensions:
1000 x 2250 • 1000 x 3000 • 1500 x 2250 mm

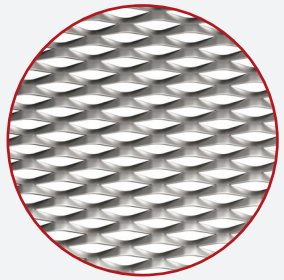
XP 104



Strand Width: 4 mm
Long Way of Opening: 43 mm
Short Way of Opening: 12 mm
Overall Thickness: 8 mm
Open Area: 54,3%

Product Dimensions:
1000 x 2200 • 1000 x 2400 • 1000 x 3300 • 1500 x 3300 mm

XP 105



Strand Width: 8 mm
Long Way of Opening: 48 mm
Short Way of Opening: 10 mm
Overall Thickness: 11,2 mm
Open Area: 34%

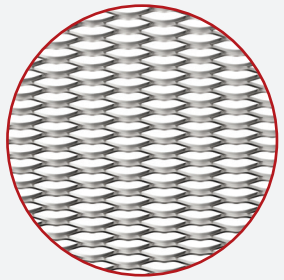
Product Dimensions:
1000 x 2250 • 1000 x 3000 • 1500 x 2250 mm

XP 106

Strand Width: 4 mm
Long Way of Opening: 47 mm
Short Way of Opening: 15 mm
Overall Thickness: 7,8 mm
Open Area: 62,5%

Product Dimensions:
1000 x 2500 • 1000 x 3500 • 1500 x 3500 mm

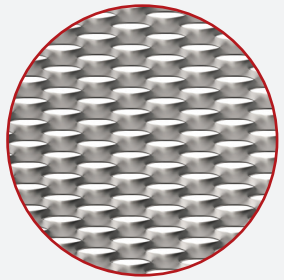
XP 109



Strand Width: 4 mm
Long Way of Opening: 40 mm
Short Way of Opening: 7 mm
Overall Thickness: 7,6 mm
Open Area: 45%

Product Dimensions:
1000 x 1900 • 1000 x 2500 • 1000 x 3400 • 1500 x 2500 mm

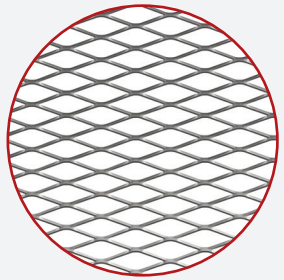
XP 110



Strand Width: 8 mm
Long Way of Opening: 40 mm
Short Way of Opening: 8 mm
Overall Thickness: 10,4 mm
Open Area: 25%

Product Dimensions:
1000 x 2400 • 1000 x 2500 • 1000 x 3000 mm

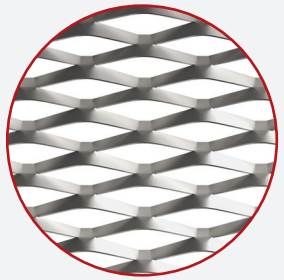
XP 113



Strand Width: 4 mm
Long Way of Opening: 48 mm
Short Way of Opening: 15 mm
Overall Thickness: 8 mm
Open Area: 65%

Product Dimensions:
1000 x 2500 • 1500 x 2500 mm

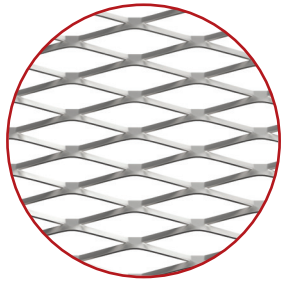
XP 201



Strand Width: 14 mm
Long Way of Opening: 90 mm
Short Way of Opening: 18 mm
Overall Thickness: 18 mm
Open Area: 43%

Product Dimensions:
1000 x 2250 • 1000 x 3000 • 1500 x 2250 mm

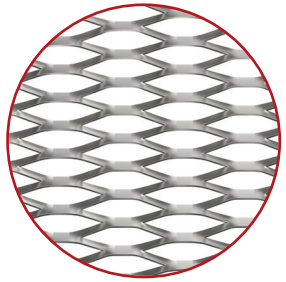
XP 203



Strand Width: 8 mm
Long Way of Opening: 94 mm
Short Way of Opening: 25 mm
Overall Thickness: 13,4 mm
Open Area: 53%

Product Dimensions:
1000 x 2200 • 1000 x 2500 mm

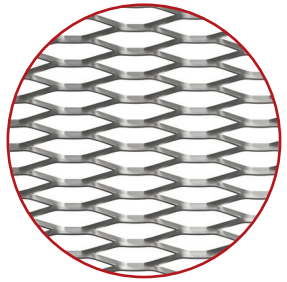
XP 204



Strand Width: 8 mm
Long Way of Opening: 80 mm
Short Way of Opening: 20 mm
Overall Thickness: 13,7 mm
Open Area: 54%

Product Dimensions:
1000 x 1900 • 1000 x 2200 • 1000 x 2500 • 1500 x 2500 mm

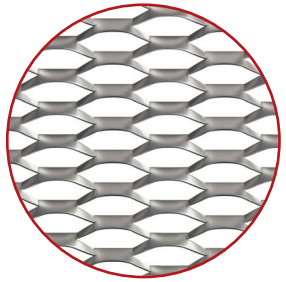
XP 206



Strand Width: 6 mm
Long Way of Opening: 80 mm
Short Way of Opening: 18 mm
Overall Thickness: 14 mm
Open Area: 58%

Product Dimensions:
1000 x 2250 mm

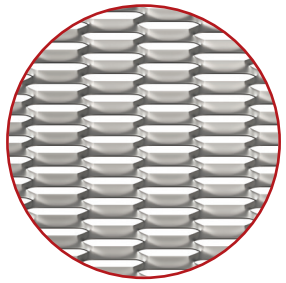
XP 301



Strand Width: 8 mm
Long Way of Opening: 70 mm
Short Way of Opening: 18 mm
Overall Thickness: 12,5 mm
Open Area: 53%

Product Dimensions:
1000 x 2500 • 1500 x 2500 mm

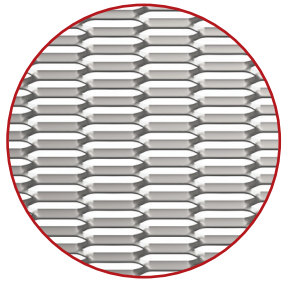
XP 302



Strand Width: 6 mm
Long Way of Opening: 55 mm
Short Way of Opening: 5 mm
Overall Thickness: 9 mm
Open Area: 32,5%

Product Dimensions:
1000 x 1900 • 1000 x 2500 • 1000 x 2900 • 1500 x 1900 mm

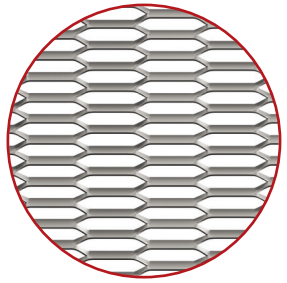
XP 303



Strand Width: 8 mm
Long Way of Opening: 53 mm
Short Way of Opening: 7 mm
Overall Thickness: 12 mm
Open Area: 35%

Product Dimensions:
1000 x 2000 • 1000 x 2200 mm

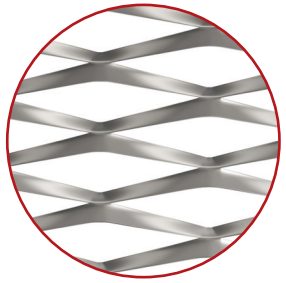
XP 304



Strand Width: 6 mm
Long Way of Opening: 57 mm
Short Way of Opening: 10 mm
Overall Thickness: 10 mm
Open Area: 52%

Product Dimensions:
1000 x 2100 • 1000 x 2400 • 1000 x 2700 mm

XP 401



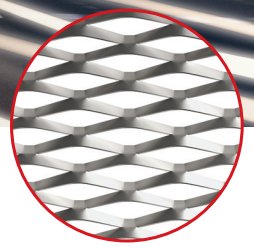
Strand Width: 20 mm
Long Way of Opening: 180 mm
Short Way of Opening: 35 mm
Overall Thickness: 35 mm
Open Area: 52%

Product Dimensions:
1000 x 2000 • 1000 x 2400 • 1000 x 3200 • 1500 x 2400 mm

3

Applications

Here the picture speaks for itself and no words are needed.
The following pages show everything we have described earlier.
An extensive range of Aluminco Xpand products are made, all with one purpose:
to fully satisfy your expectations.
Ensuring excellent properties, Aluminco Xpand products will give you all the creative freedom you need to realize each one of your ideas.
Anything is possible. just take a look and dream...



Façade of a shopping mall using **XP201**

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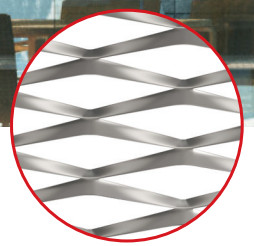
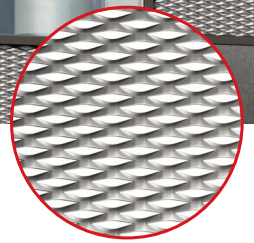


Indoor ceiling using **XP401**



Façade of building complex using **XP105**

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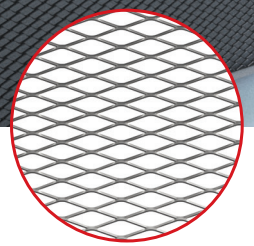

Indoor corridor using **XP113**

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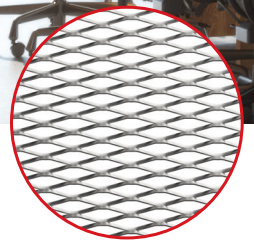

Indoor ceiling using **XP104**

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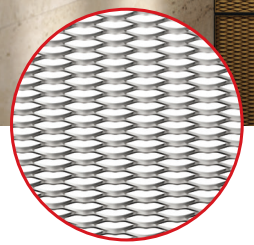

Reception back wall using **XP109**

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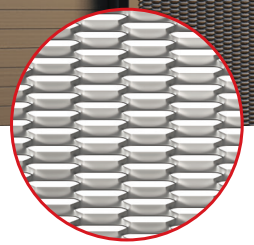

Exterior house cover using **XP302**

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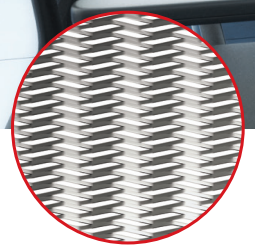

Space separator using **XP101**

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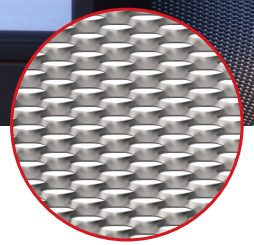

Façade of a shopping mall using **XP110**

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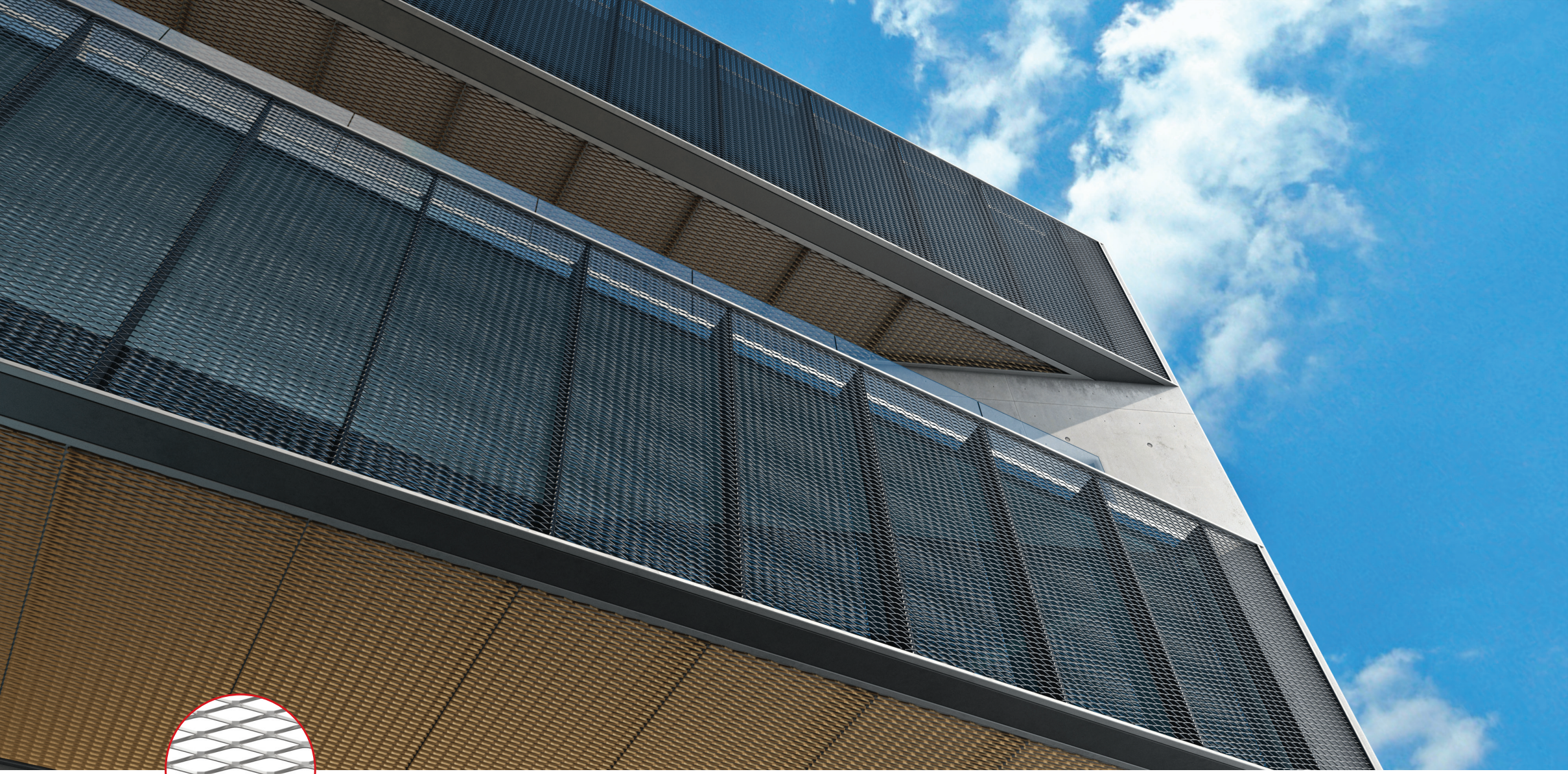
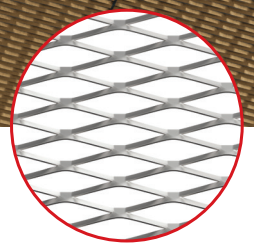
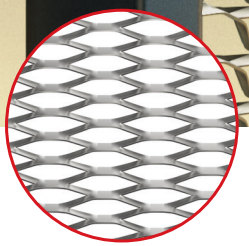




External building cover using **XP203**



Space separator using **XP204**

ALUMINCO®
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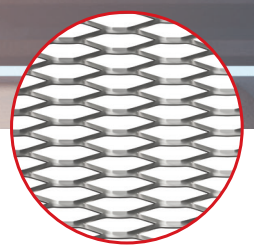
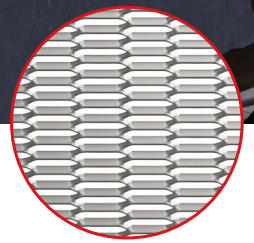


Home Façade using **XP206**



Space separator using **XP303**

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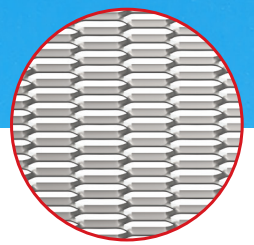

External office shading using the **XP303**

Customisation

4

When dealing with Aluminco Xpand, the only limit is our imagination! If you request something personalised and customised do not worry! Aluminco Xpand can give you this opportunity! We can discuss with you a new pattern, a new technique, another way to do shape Aluminco Xpand according to your thoughts and imagination.
After all, you deserve it!

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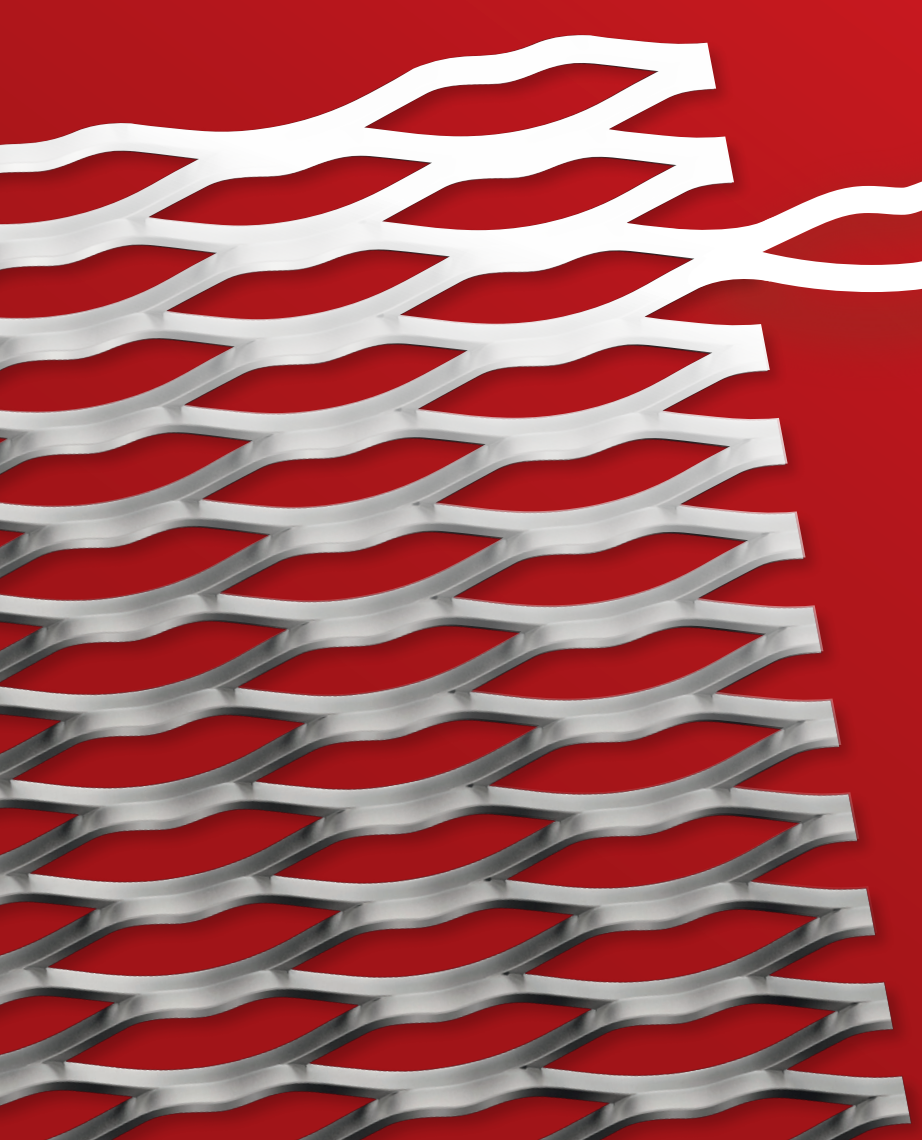
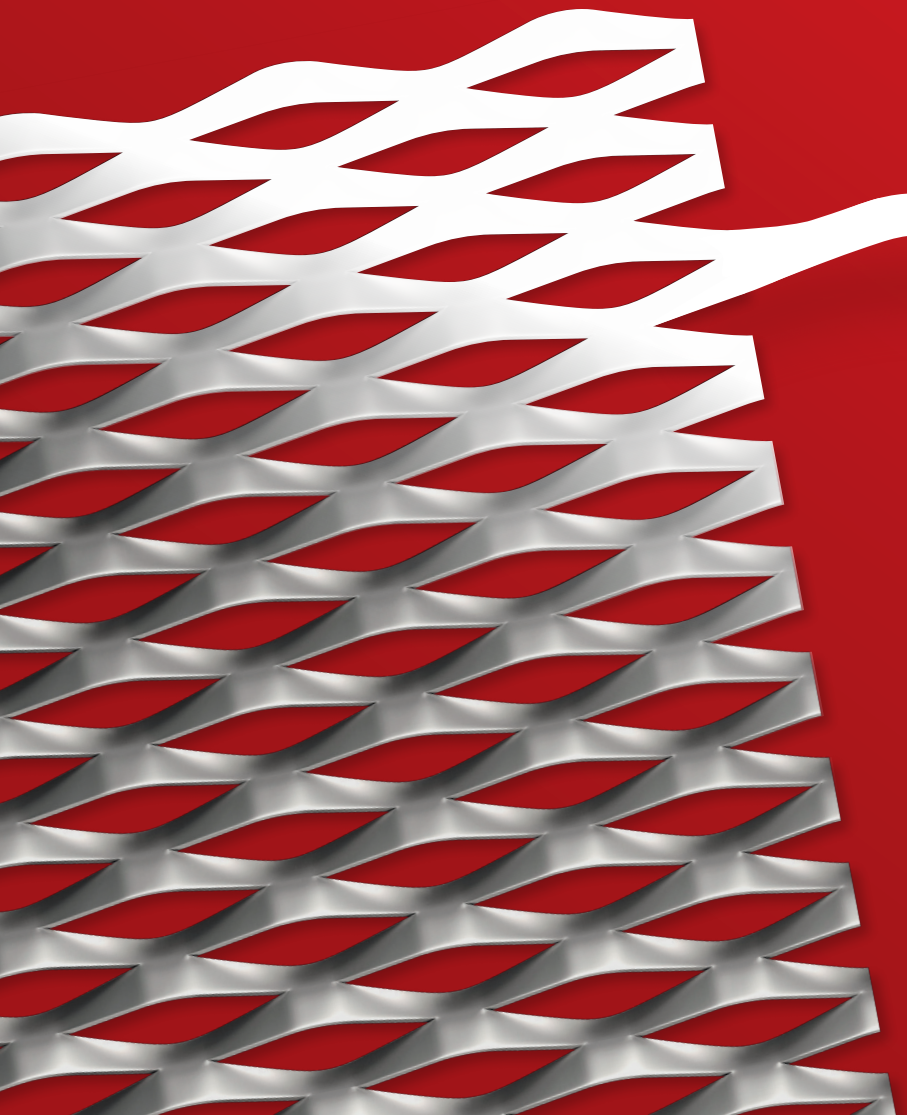


The only limit
Is your imagination!



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