

SG-CR SERIES CATALOGUE

Cable & Rod Mesh Series Catalogue

Lightweight facade skins with structural rhythm.

PRODUCT FAMILY / SG-CR / 2026



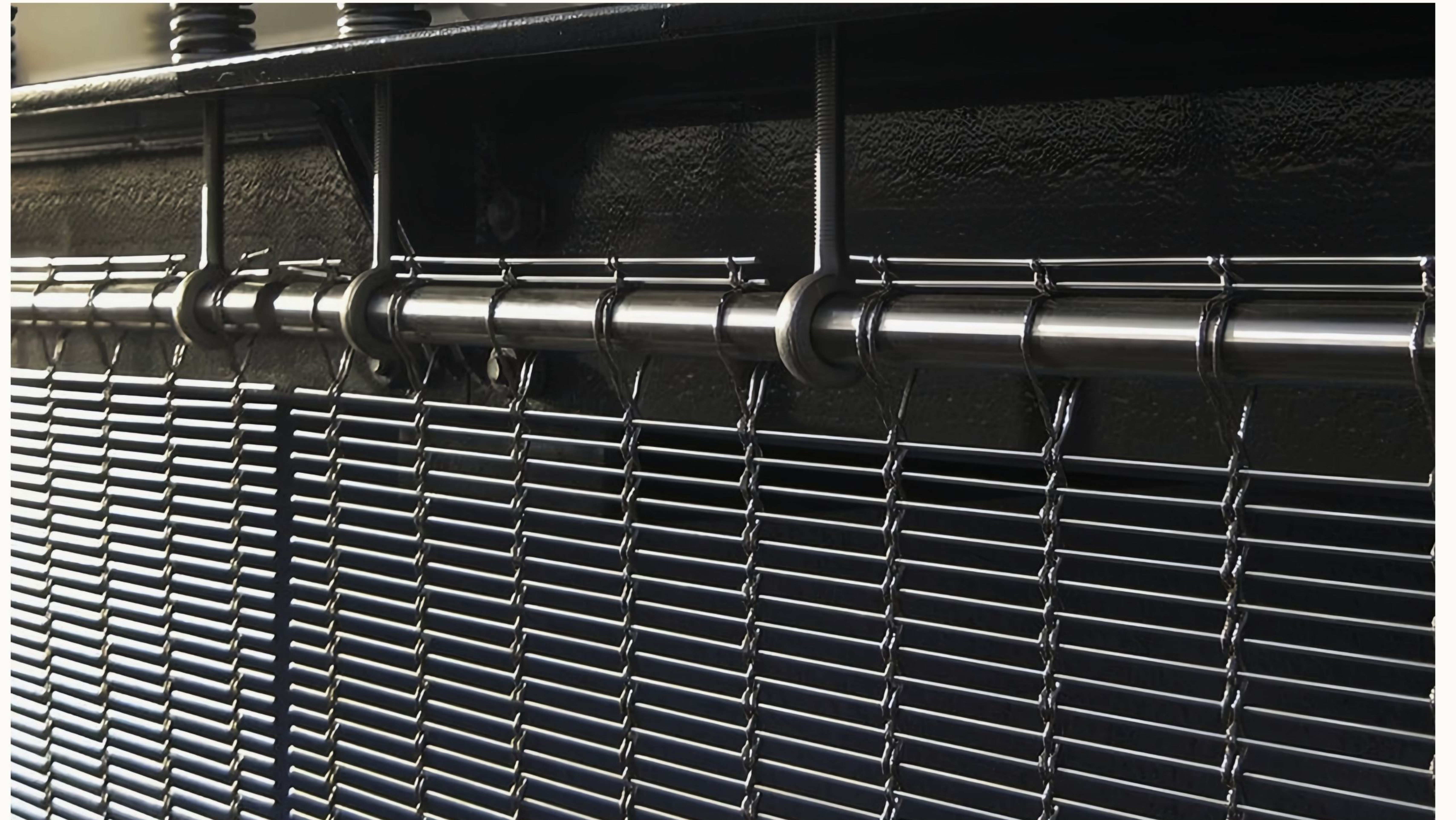
Understand the product before selecting the model.

SG-CR combines cable direction and rod spacing for transparent facade skins, sunshading, parking enclosures and large architectural screens.

PRODUCT POSITIONING	01
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Lightweight facade skins with structural rhythm.

SG-CR combines cable direction and rod spacing for transparent facade skins, sunshading, parking enclosures and large architectural screens.



PRODUCT PARAMETERS

- Materials: stainless steel cable and rod systems
- Open area: 41.5%-65.3% in current SG-CR matrix
- Surface route: natural stainless, bronze tone or coated finish
- Format: facade panel, parking screen, sunshade and safety enclosure

01

Selection logic

Start from application, visual target, openness, material and fixing condition.

02

Project tuning

Model, finish, scale and edge detail can be adjusted for the project route.

03

Sample approval

Use physical samples or mock-ups when light, texture or scale affects the result.

Compare visual, material and installation signals together.

A mature product choice is not only a pattern choice. It also needs application, material, finish and fastening logic.

DECISION SIGNALS

- Application and viewing distance
- Open area and visual density
- Material and finish route
- Edge, module and installation method



APPLICATION

Where it works

Match the product with facade, interior, ceiling, curtain, wall or screen conditions.



VISUAL

How it reads

Check transparency, density, reflection, movement and viewing distance before approval.



MATERIAL

How it performs

Confirm base material and finish route together with exposure and maintenance needs.



FIXING

How it installs

Frame, edge, track, tension or backing should be discussed before production.

Model options for quick comparison.

Use this matrix to narrow texture, opening, density and model direction before requesting samples.

COMPARE BY

- Open area
- Wire or opening direction
- Visual density
- Material and finish



SG-CR-001
OPEN AREA 65.3%



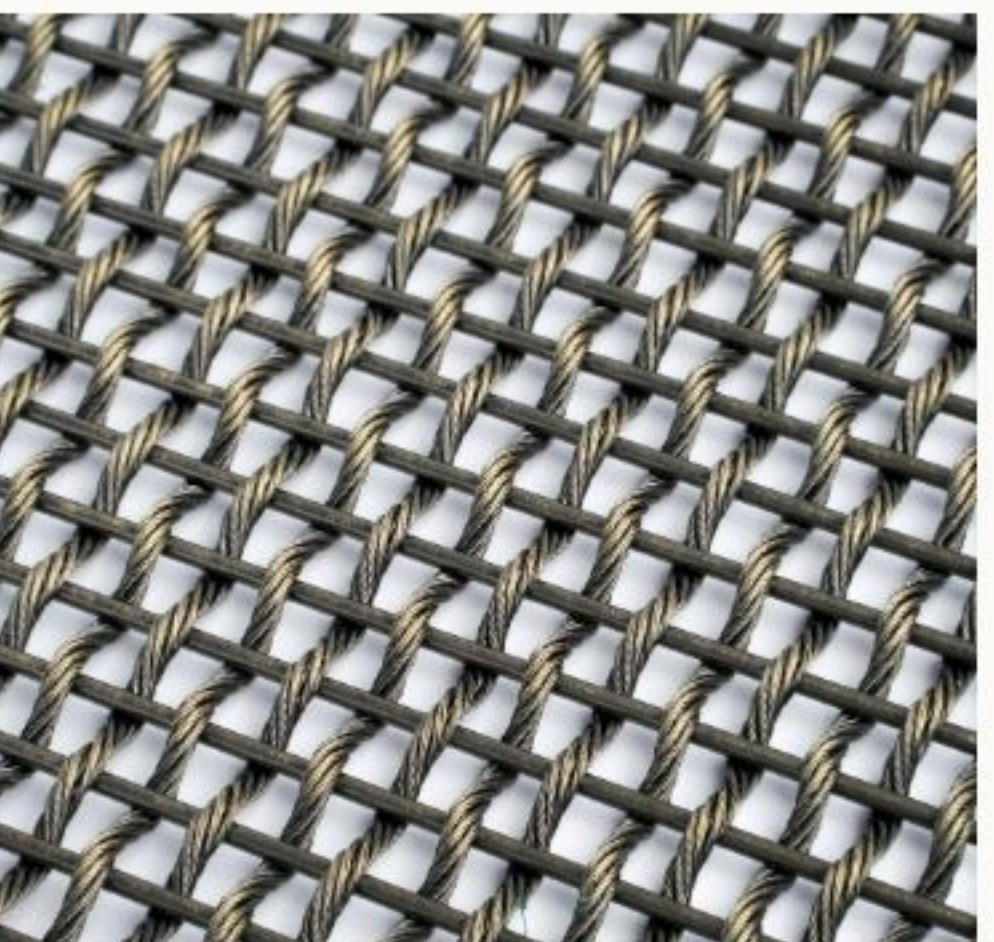
SG-CR-002
OPEN AREA 65.3%



SG-CR-003
OPEN AREA 43.8%



SG-CR-004
OPEN AREA 41.5%



SG-CR-005
OPEN AREA 43.8%



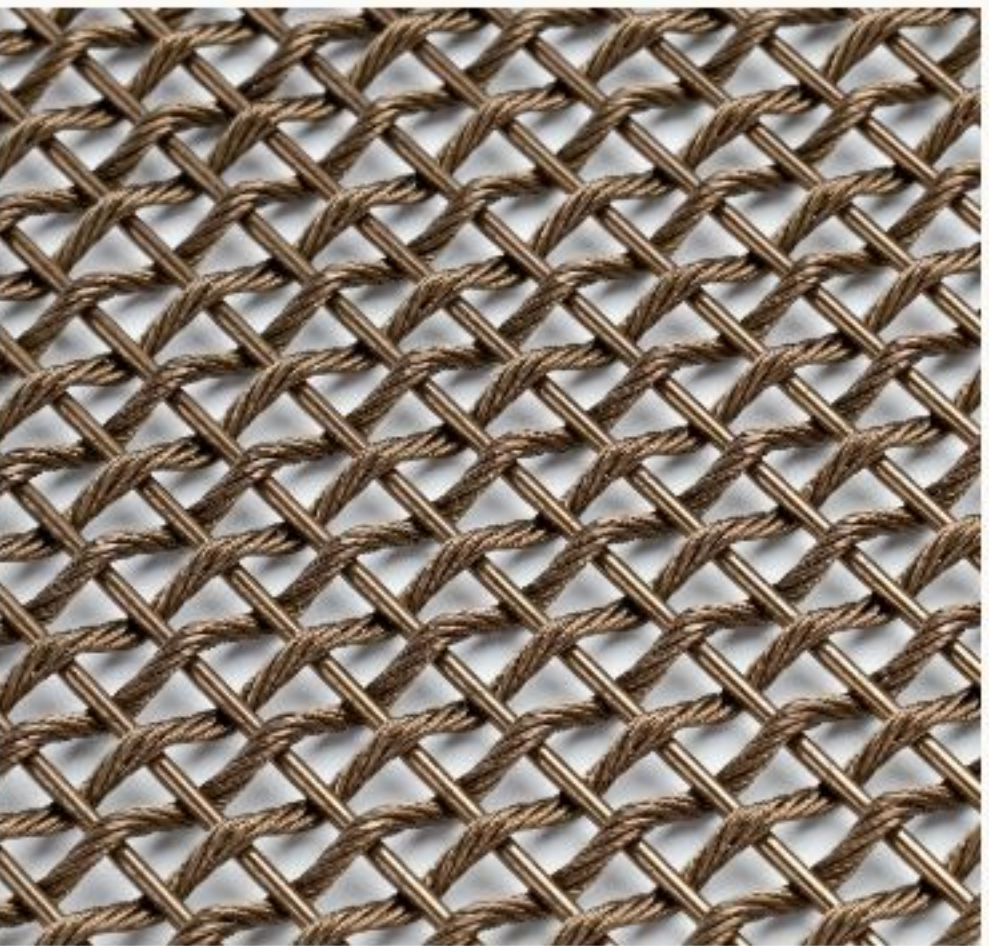
SG-CR-006
OPEN AREA 41.5%



SG-CR-007
OPEN AREA 41.5%



SG-CR-008
OPEN AREA 47.1%



SG-CR-009
OPEN AREA 43.5%



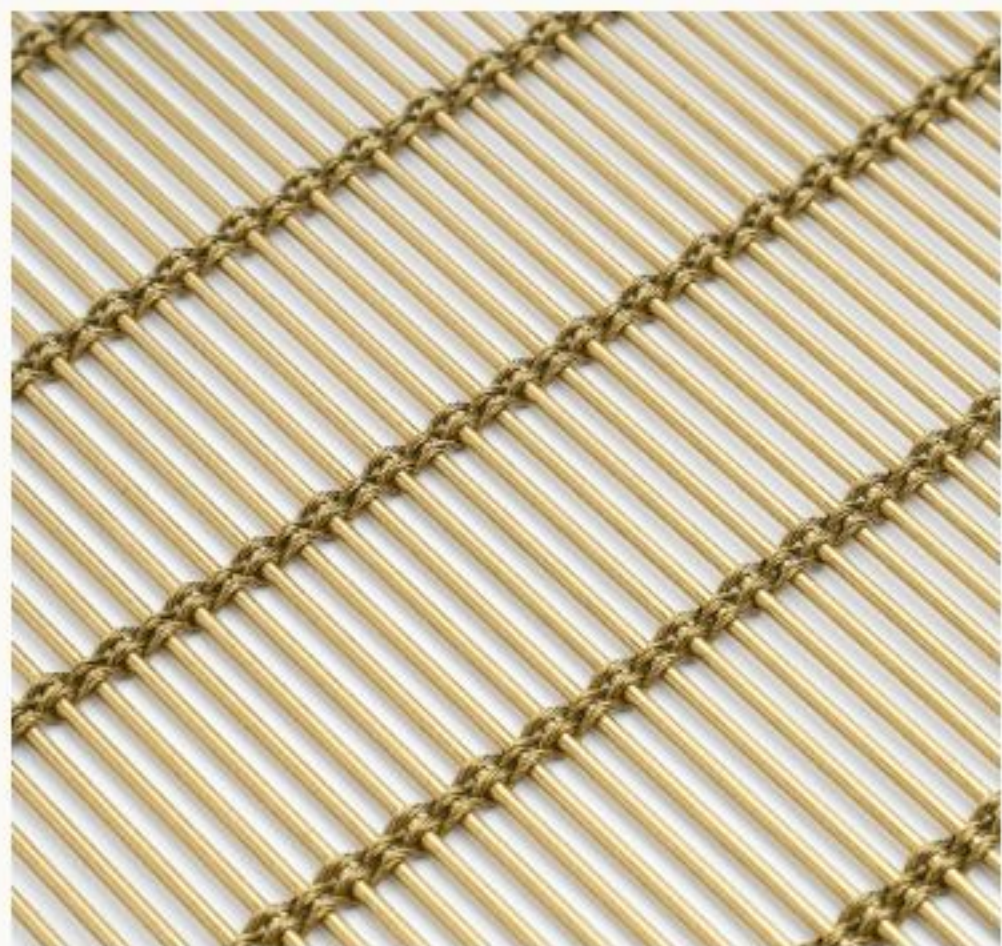
SG-CR-010
OPEN AREA 47.1%



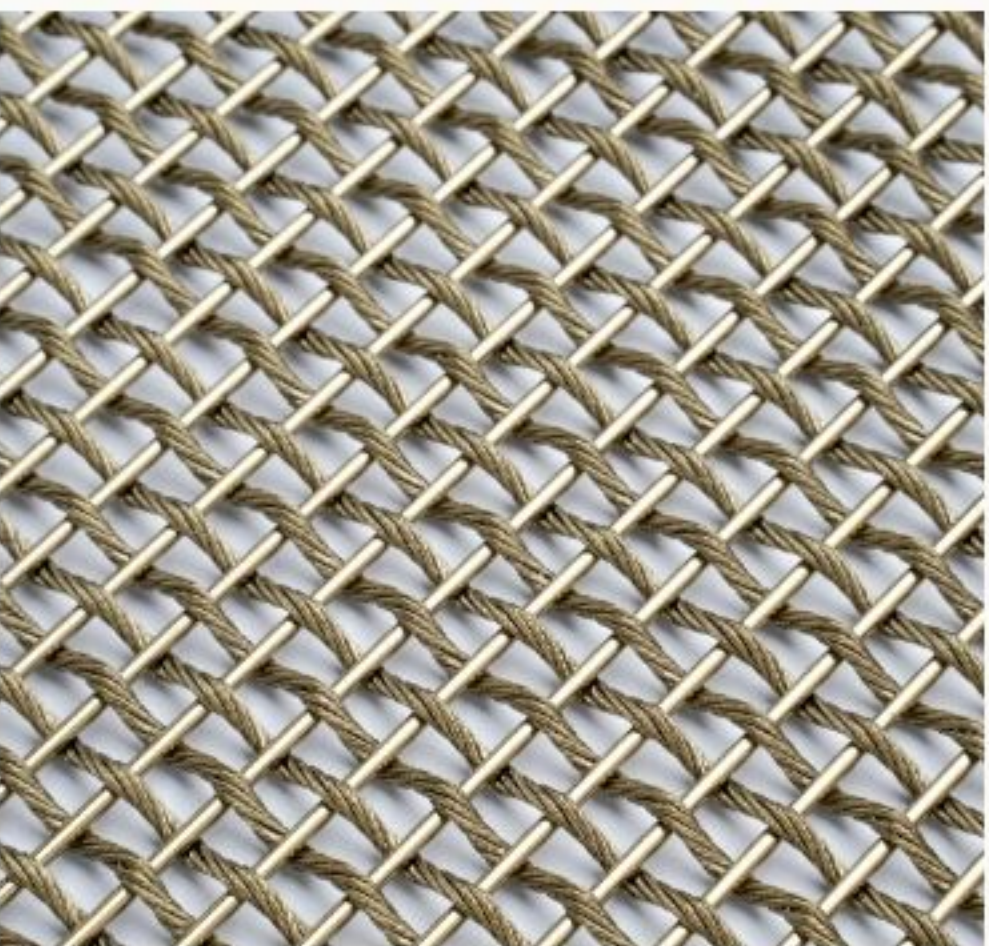
SG-CR-011
OPEN AREA 41.5%



SG-CR-012
OPEN AREA 64.8%



SG-CR-013
OPEN AREA 41.5%



SG-CR-014
OPEN AREA 43.5%



SG-CR-015
OPEN AREA 64.3%



SG-CR-016
OPEN AREA 64.3%

Read the product through six practical signals.

Each detail image explains one selection point: texture, density, finish, movement, system route or project effect.

LOOK FOR

-  Texture scale
-  Light and reflection
-  Edge or track condition
-  Project atmosphere



FACADE

Lightweight Skin

Cable and rod spacing creates an exterior layer with strong rhythm and low visual weight.



LINEAR

Clear Direction

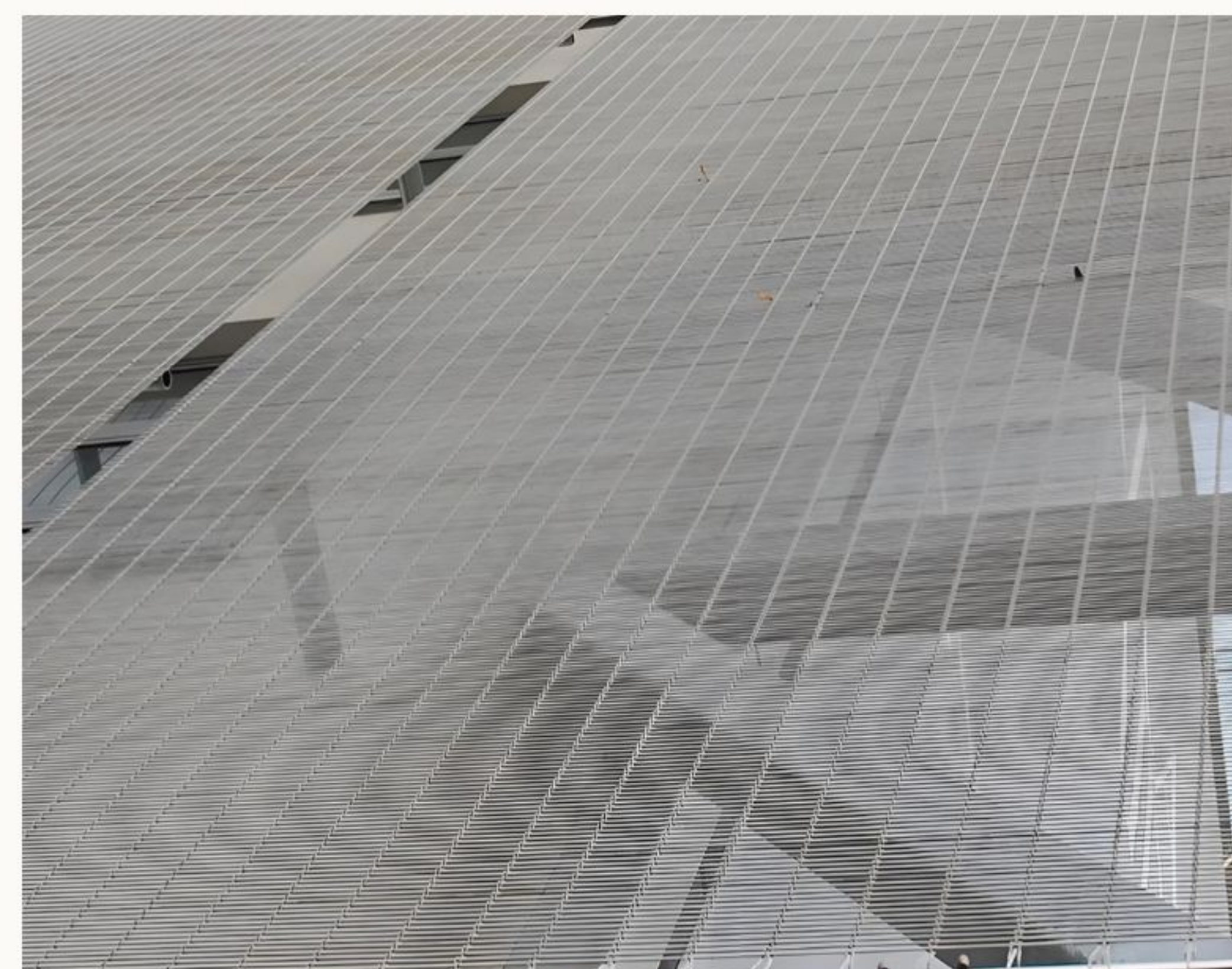
Rod direction gives large surfaces a readable architectural order from long distance.



AIRFLOW

High Ventilation

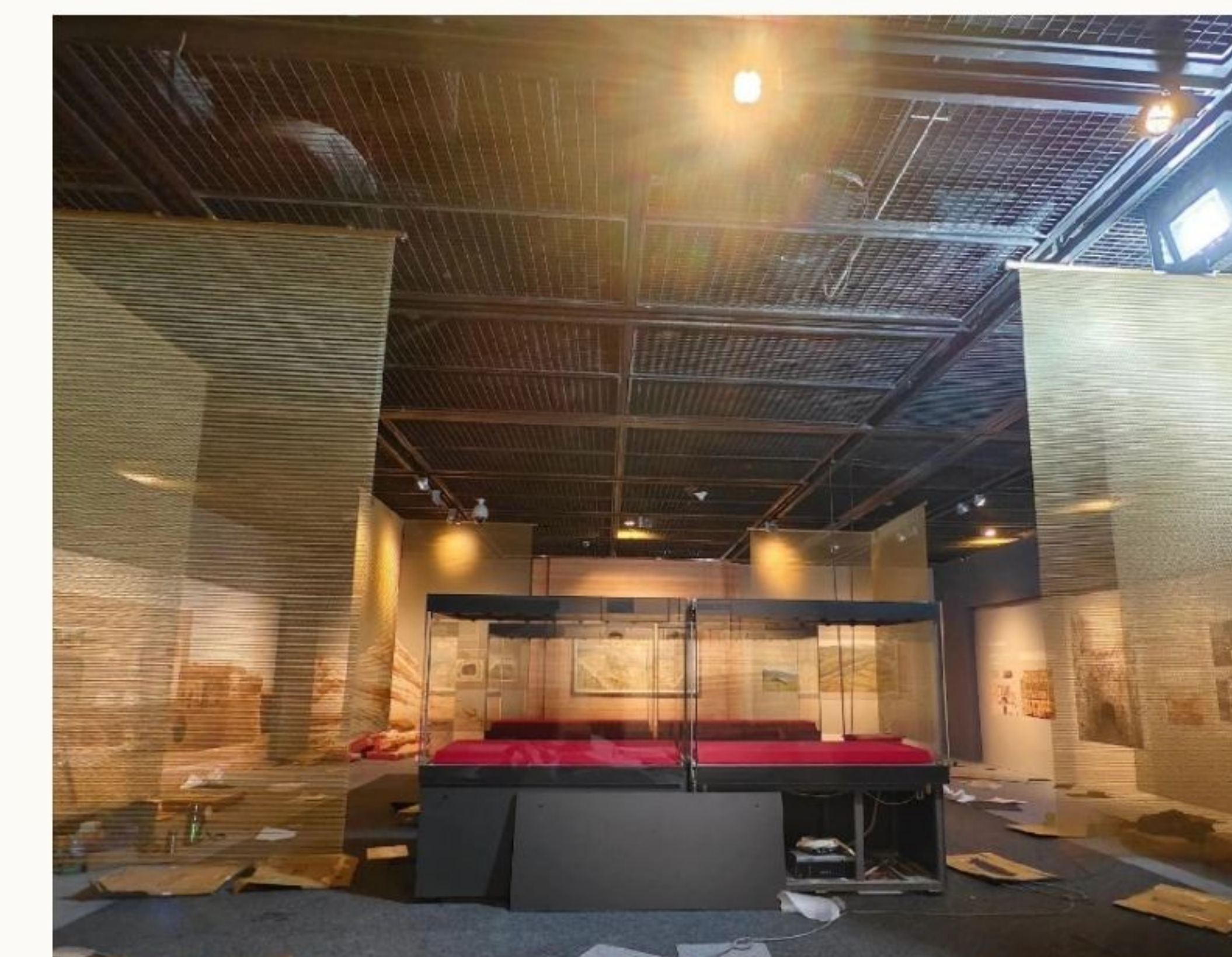
Open structures suit parking garages, screens and sunshade layers that must breathe.



SCALE

Large Panel Logic

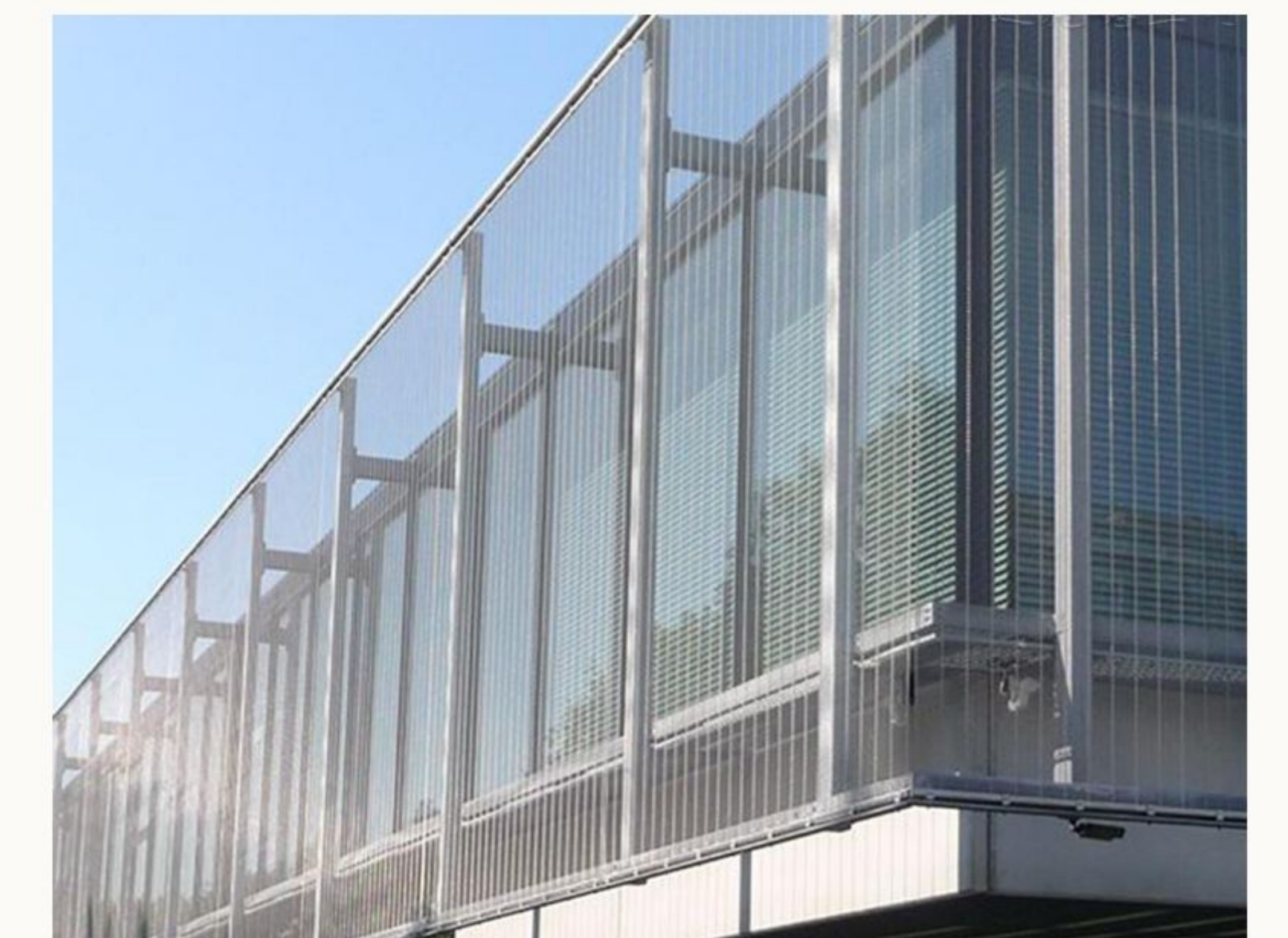
The system works best when panel size, support spacing and visual rhythm are planned together.



FINISH

Metal Tone Control

Natural and warm metallic finishes change the facade from technical to decorative.



SCREEN

Parking & Safety Use

The open mesh keeps visibility while giving utility elevations a cleaner envelope.

Match this product to the right architectural scene.

These scenes are selected from SGORIA metal systems applications and matched to the behavior of SG-CR.

APPLICATION CHECK

- ☐ Indoor or outdoor
- ☐ Close or distant viewing
- ☐ Rigid or flexible surface
- ☐ Maintenance and access



FACADE

Facade / Envelope

Cable and rod mesh creates a ventilated facade skin with precise vertical rhythm and a light structural reading.



SUNSHADING

Solar Control Layer

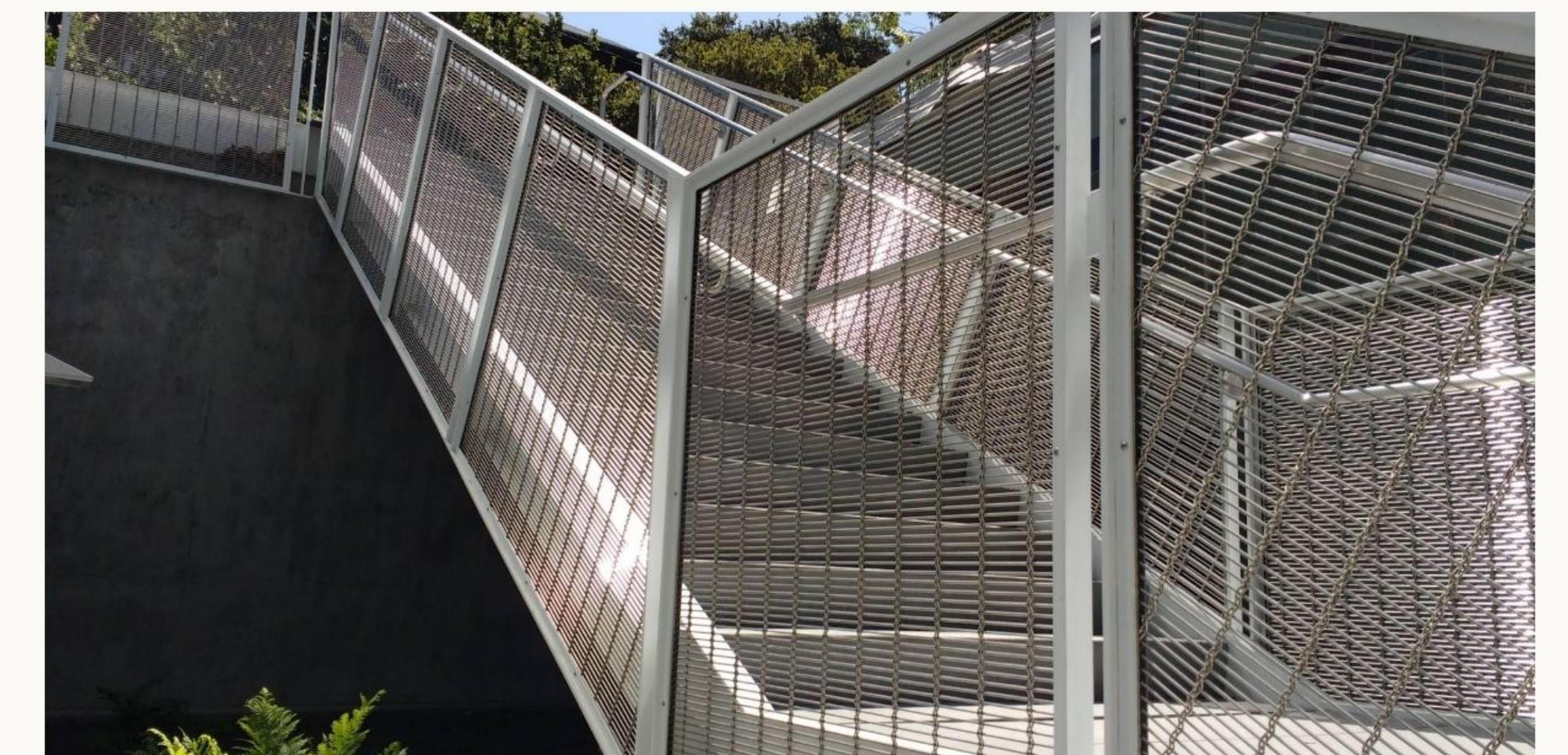
The open rod-and-cable structure tempers glare and sunlight while preserving airflow and outward visibility.



PARKING

Parking Garage Screen

Cable and rod panels help parking structures stay open, bright and secure while improving the exterior image.



FENCE

Fence & Safety Enclosure

Framed cable and rod infill works for stairs, guard zones and safety enclosures where openness still matters.

Confirm the product parameters before production.

Use the right-side image as a replaceable project placeholder, then lock the technical notes with samples and drawings.



01

Cable Direction

Review cable and rod direction with the facade module and structural rhythm.

02

Open Area

Use the SG-CR open area value to balance transparency, shade and privacy.

03

Frame Support

Confirm perimeter frame, intermediate supports and fixing points before production.

BEFORE ORDERING

- Model or pattern reference
- Material and finish
- Panel size or drop height
- Edge, frame, track or backing

Send the elevation. We will help read the rhythm.

Facade mesh works best when spacing, module and fixing are coordinated early. Send drawings or photos and SGORIA will help translate the target look into a practical SG-CR route.

Start with a sample, drawing or project photo.

WEBSITE

www.sgoria.com

EMAIL

project@sgoria.com

WHAT TO SEND

Application / model / size / finish / fixing condition



You do not need to know every parameter before contacting us. Send the project intention first, and SGORIA will help turn it into a clearer product, sample and specification route.