



SINCE
1975

Architectural Metal Cladding





INTRODUCTION

Who is Kasso



Overview Products



Exterior Applications



Interior Applications



Safety & Security Applications



Welcome



" Together we have the opportunity to make our built environments more energy efficient, attractive, adaptable, environmentally sensitive and productive. The way we build can be more effective and reach higher standards than ever before."

Süleyman Kılıç, Founder

Section 1

Who is Kasso

History "Our experience is your advantage"

Kasso Engineering, a manufacturing and engineering company that started its activities with metal processing, was founded in 1975 by Mr. Süleyman Kılıç. Kasso is a fully-equipped metal processing facility that can offer innovative solutions to the customers and develop project-based products with high technology patented machinery park.

1975

Our perforated sheet metal processing plant was established in 1975 in Istanbul. Kartal, İstanbul, Türkiye

1983

KASSO - TEKŞAN Istanbul factory was established in Tepeören, İstanbul, and expanded metal sheet production is included in the our production line.

1988

Welded construction production, cutting and bending operations are added to the field of activities.

1992

Plasma cutting machines are included in the production line.

2000

Second factory started to operate in Mermerciler Organized Industrial Zone.

2004

Kasso became the first company in its industry to receive ISO 9001: 2015 certification in 2004 in order to ensure that its products and services meet customer requirements consistently and to continuously improve the quality offered.

2005

The production line and product range were enhanced with CNC machines.

2011

The construction of the new factory was completed, all production and management units were gathered under one roof.

A full-fledged molding workshop is built.

2013

Kasso applied for certification with the Turkish Standards Institution (TSE) in 2010 and received its TSE certification in 2013.

2014

Robotic Controlled Electrostatic Powder Coating Facility with 520.000 sqm/year capacity is established.

2016

8-axis robotic welding machinery taken into operation.

2017

Kasso received the CE certification indicating that its products comply with the European standards and can be traded freely in the European Union.

2017

Kasso Engineering is established as the first Design Center in its industry and the 71st in Turkey.

2017

Kasso received the European aluminum paint quality certifications Qualicoat and Qualicoat Seaside for the Robotic Controlled Electrostatic Powder Coating Plant investment.

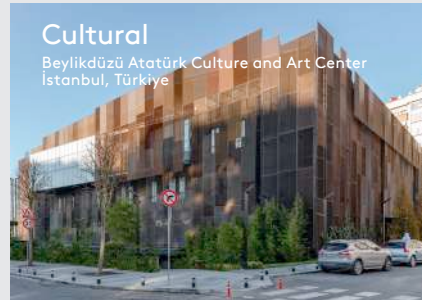
2019

Second factory investment completed and started operation. Profile processing line is taken into operation and carpentry workshop is built for packaging.

2020

The construction of the new factory in Dilovası has started and continues.

Applications in Variable Sectors



Your Global Partner

KASSO Engineering continues to contribute to our national economy by exporting its world-class products to more than 44 countries with exemplary customer service.



Committed to Quality

Kasso Engineering is certified under International and National Organizations for Standardization and continues to apply these systems successfully in all business processes. Certifications includes all aspects from quality, workmanship qualification, environmental responsibilities to product conformity.



ISO 9001: 2015: Kasso became the first company in its industry to receive ISO 9001: 2015 Quality Management Certification in 2004 in order to ensure that its products and services meet customer requirements consistently and to continuously improve the quality offered.



ISO 14001: 2015: Environmental Management System certificate is received to manage our environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.



OHSAS 18001: 2007: Occupational Health and Safety certification enables our organization to manage operational health and safety risks and improve performance.



ISO 10002: 2004: Kasso has Customer Satisfaction Management System Certification as a corporation in quest of making a difference, which cares the opinions and thoughts of its customers.



ISO EN 1090: KASSO has the certification of ISO EN 1090 for execution of steel structures and aluminium structures for European Norms.



TSE: Kasso received TSE certification in 2013 for conformity of our products..



CE: In 2017, Kasso received the CE certification indicating that its products comply with the European standards and can be traded freely in the European Union.



QUALICOAT: In 2017, Kasso received the European aluminum paint quality certifications Qualicoat and Qualicoat Seaside for its Robotic Powder Coating Plant investment.

How We Work

From idea to product solutions



Give us your idea



We'll find together
a solution



We deliver as per
project specifications



A Design, Engineering and Fabrication Company for Turnkey Solutions

Production Capability

As market leader with a strong commitment to continuous improvement, KASSO is recognised for innovation and genuine progress in the industry with the highest annual metal sheet processing capacity.

45 years of Engineering Experience

KASSO Engineering aims to achieve the good balance between quality, performance, cost-efficiency and aesthetics.

Design and Planning Services

At design stage, collaboration between multiple disciplines to transform an idea into a technical and practical solution to enable concept turn into reality.

Installation Assistance

Installation process is optimized during in-house manufacturing, by on time delivery and on-site management with approaches of sequential labeling for priority installation, division of panels to optimize costs and installation methods.

1

2

3

4

Production&Engineering Capabilities



ANNUAL PRODUCTION
CAPACITY 48.869 TONS



520.000 M²/YIL
PAINTSHOP ANNUAL
CAPACITY 520.000 M²



A TOTAL OF
12 UTILITY MODELS



A TOTAL OF
5 PATENTS



GOVERNMENT SUPPORTED
5 MACHINE DESIGNS

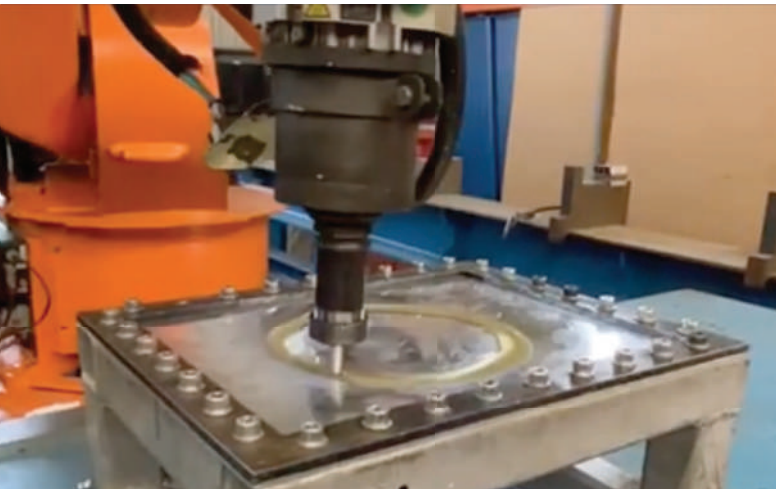


1ST DESIGN CENTER IN
THE SECTOR



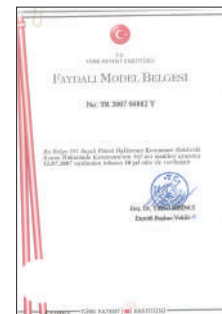
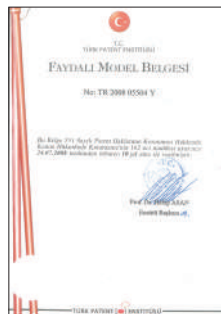
Kasso as a registered “Design Center”

Research and Development has a crucial factor in the sustainability of a company.



KASSO Engineering continues its activities as the first Design Center in its sector to increase activities devoted to improve, develop, enhance the functionality and diversity of the products, to support and encourage the employment of qualified workforce, for the purpose creating added value products and tools.

Our Utility Models and Patent provides industrial property right to protect our product&machinery inventions and serves the industry.



Continuos Production & Development

Design and Production of Tools Through Requirements

R&D Sustained & Maintained with P&D



Concept



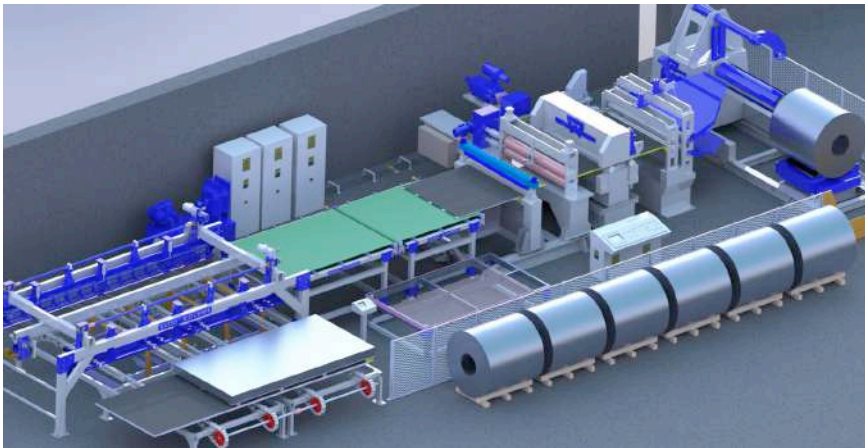
Engineering



Testing



Production



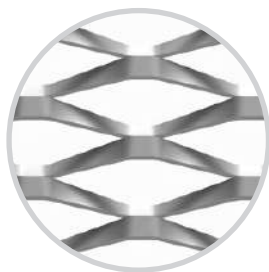
Thanks to unique designs developed with KASSO's solid knowledge, engineering team and technical infrastructure, we work in flow from the project preparation stage to the shipment of a product in order to fill the conventional system gap needed in flat sheet forming issues and to fulfill client's expectations.

Products Overview

Kasso offers wide range of metal products for architectural and industrial applications. Beyond the standard product range, customised patterns and forms are also available for each unique inquiry.



PERFORATED METAL



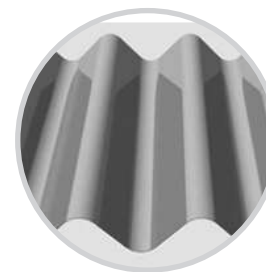
EXPANDED MESH METAL



PATTERN CUT METAL



3D SURFACES



FREE SECTION



CUSTOM DESIGN



Key Factors & Benefits of Kasso Products:



Ideas to Realization



Added Alue Unique Design



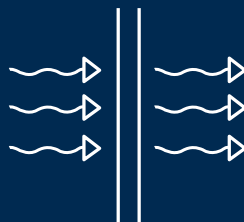
Long Service Life



Modular System



Recyclability



Ventilation



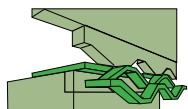
Acoustics



Light Allowance

Protection, Sustainability, Recycling, Aesthetic Quality

More and more in modern architecture, environmental impact and safety-related aspects are rightfully being considered as essential. The choice of facing materials now involves combining indispensable aesthetic needs with requisites of eco-compatibility and energy efficiency. With its proposals of expanded mesh, the Kasso offers architects and designers an excellent material for ecologically sustainable style.



Pollution-free process

"Expanding" is a cold-pressing process that does not require the use of pollutants.



Zero-scrap processing

Expanded metal is produced without any work scrap with the optimized use of raw materials.



Recyclable

At the end of its long working life, expanded metal is subjected to differentiated waste collection for 100% recycling.

Ecologically-sustainable material

Kasso expanded metal keeps growing greener and greener! Constant commitment to limiting environmental impact in all processes through the responsible use of resources, differentiated waste collection and recycling, and keeping energy consumption low permits production in equilibrium with the environment.

Corporate responsibility

All production takes place in Tukey; personnel are protected by law. Workplaces are monitored, safe, and scrupulously comply with all the regulations in force.

Transport Support

The safe, reliable international transportation of Kasso panels is a key part of our commitment to quality. We take the packing, loading and securing of our products seriously so that we can assure their condition on arrival.

We have fine-tuned this process so as to be confident about the numbers of containers we dispatch internationally every year, deliver the product at the same quality standard, as when it left our factory.

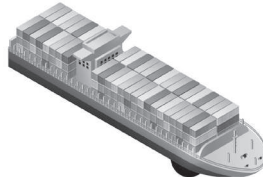
Additional Assistances:

- Priority and partial delivery on request
- Numerical labeling for sequential installation

Ways of transportation



Land-Seaway Shipment



Seaway Shipment



Airway Shipment

Packaging Options

Convenient packaging types are applied as per the requirement of land, sea, or airway delivery method in accordance with the export country regulations.

Pallette Packaging ve Open /Closed Box Type Crate Packaging altındaki aöıklama metinlerini iptal edelim, sadece ilgili görsel ve başlığı olsun, Kasso Design Metal Crate Packaging için alt metin: Metal crate system ensures a durable, light- weight and ecologically sustained packaging, available as open and closed.



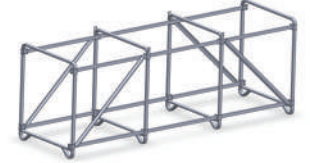
Palette Packaging

Heat-Treated Timber Pallets in accordance with ISPM 15 and Euro-pallets are available at required sizes upon request.



Open /Closed Box Type Crate Packaging

Heat-Treated/Non-Heat-Treated Timber Crates are available at required sizes upon request, in accordance with the way of transportation and export country regulations.



Kasso Design Metal Crate Packaging

Metal crate system designed by Kasso ensures a durable, light-weight and ecologically sustained packaging, which can also be covered by plywood for closed crate inquiries. Crate design is equipped with special brackets for easy handling.

Custom Solutions for Custom Inquiries

Variables to play with:



Materials



Colors&Surfaces



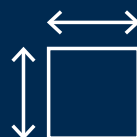
Unique shapes



Transparency



Structures



Size

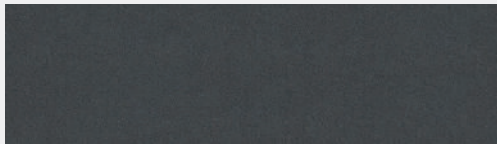


Details

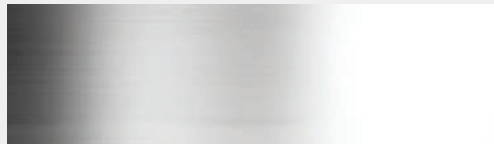
Material Options for Kasso Products

Each surface design gives every building its individual character.

Kasso panels are available in a large variety of finishes and materials, which provides designers and architects the freedom to create a diverse range of patterns and designs.



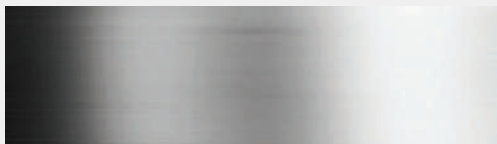
Carbon Steel



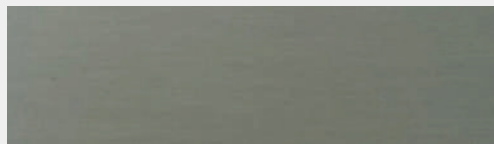
Aluminum



Cor-ten Steel



Stainless Steel



Titanium Zinc



Copper



Brass



Aluminum Composite



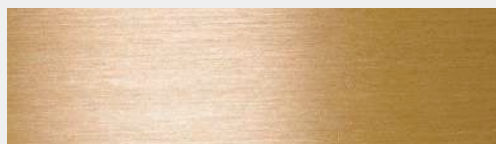
Pre-galvanized Steel

Surface Treatments Options for Kasso Products

Surface treatments provide unlimited surface finishing options for metal panels and contribute to increasing performance and product life. The most preferred surface treatments are listed.



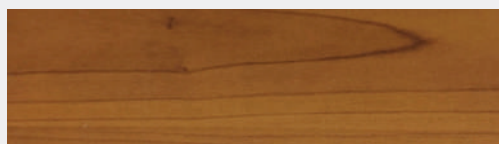
Electrostatic Powder Coating



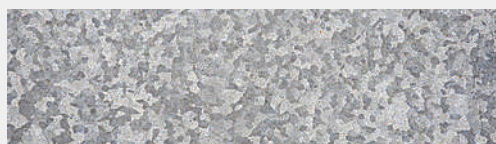
Anodizing



Satin Finish



Wood Effect Transfer



Hot-dip Galvanize



Super Mirror Finish



Varnish Coating



Electro-Galvanize

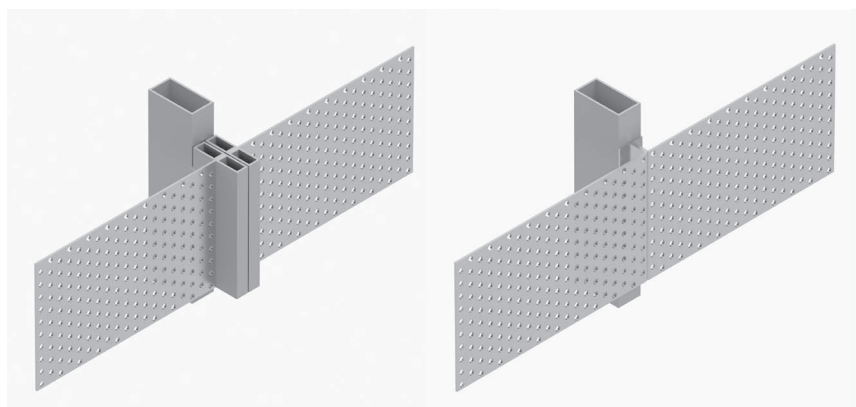


Pre-aging

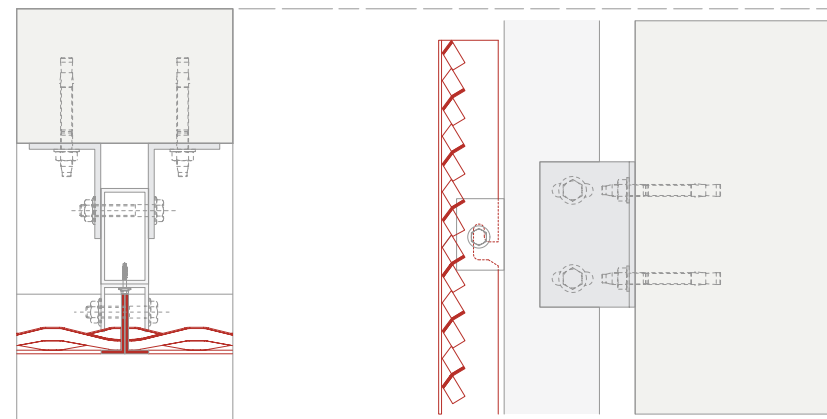
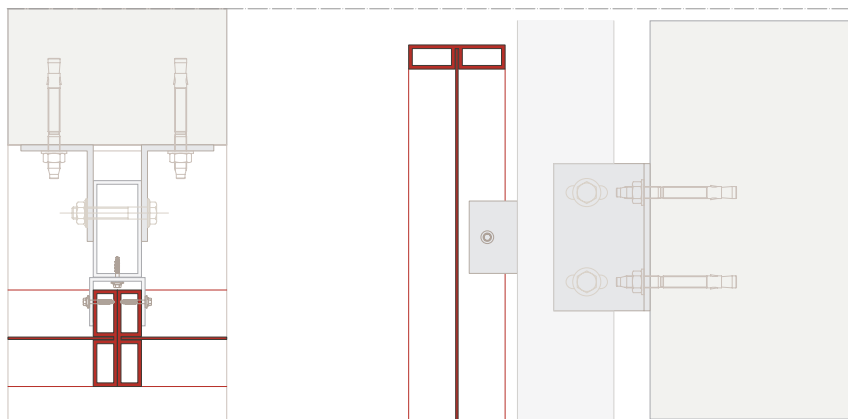
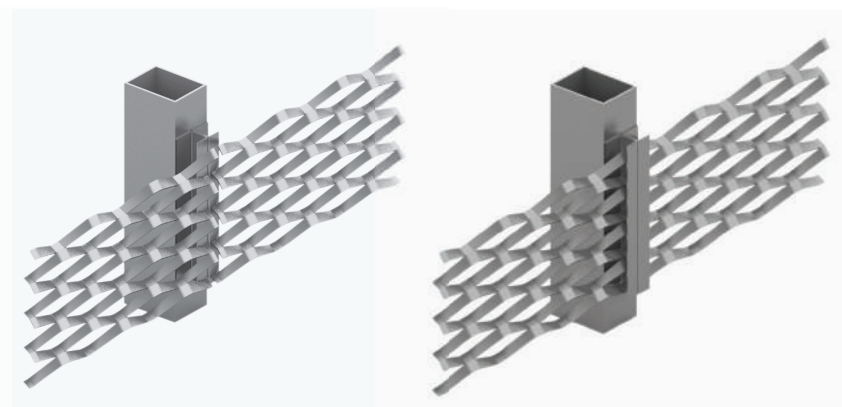
Example Details for Kasso Products

KASSO Panels are available as flat, bended or framed as per project's requirement. Panelling and structural details can be customised and supplied as ready to install with patented framing systems.

For perforated / pattern cut / 3D surfaces / solid panels



For expanded mesh

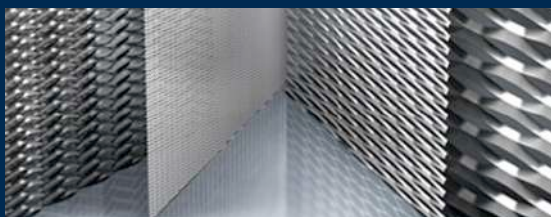


Product Categories Segmented

Kasso offers wide range of metal products as expanded metal, perforated sheets, embossed sheets, laser cut metals, 3D formed surfaces both for architectural and industrial applications. Beyond the standard product range, customised patterns and forms are also available for each unique inquiry.



Perforated Metal



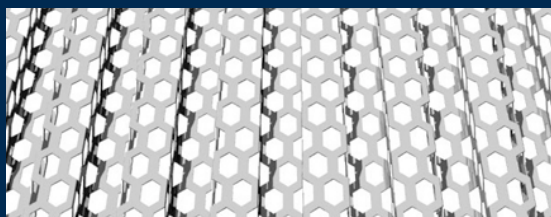
Expanded Mesh Metal



Pattern Cut Metal



3D Surfaces



Free Section

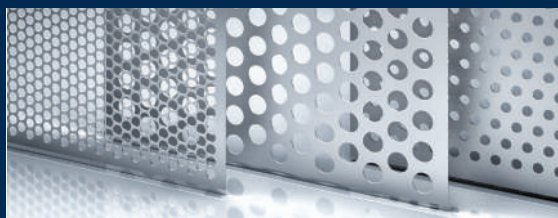


Custom Design

Perforated Metal

Perforated Metal

Perforated Metals are highly versatile products as the material option, thickness preference, hole diameter, shape, pitch distance are available in endless combinations. It always offers a unique appearance and is suitable for many different applications like suspended ceilings, facades, sun control panels, double skin facade applications.



Standard Perforated Metal



Embossed Metal



Embossed / Perforated Metal



Perforated Coil Metal



Multiperforated Metal

Expanded Mesh Metal

KASSO Expanded Metal is economic, durable, sustainable- whether as a building envelope, interior or ceiling cladding, sun or privacy protection- and available both for architectural and industrial applications. The openings in the material allow flow through of air, water, and light, while still providing a screen.



Micromesh Metal



Round Expanded Mesh



Diamond Expanded Mesh



Hexagonal Expanded Mesh



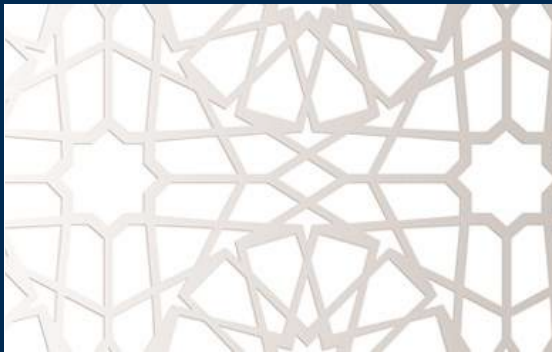
Big Expanded Mesh



Custom Expanded Mesh

Pattern Cut Metal

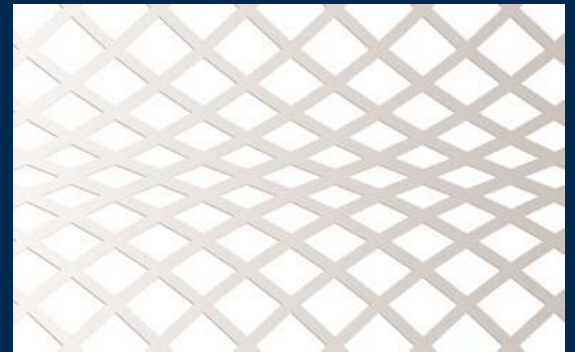
Pattern Cut Metal are one of the popular material of choice for interior and exterior applications. Available by the sheet or as a ready to install product solution for interior and exterior applications as architectural metal screens, walls, mashrabiyas, columns, ceiling, railings, dividers.



Traditional Patterns



Organic Patterns



Geometric Patterns

3D Surfaces

3-D imensional surfaces are available for aluminum, stainless steel, steel, copper, bronze, brass, and titanium alloys. Dual depth pattern metal surfaces are preferred for high-end finishes and customised designs. Patented forming method offers various kinds of pattern options for bespoke and project-based designs.



Water Ripple Effect



Bubbles



Anatolian



Archy



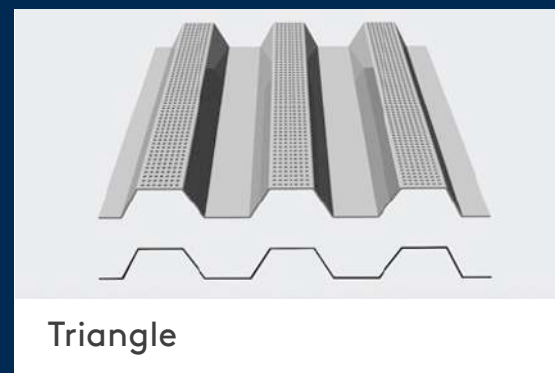
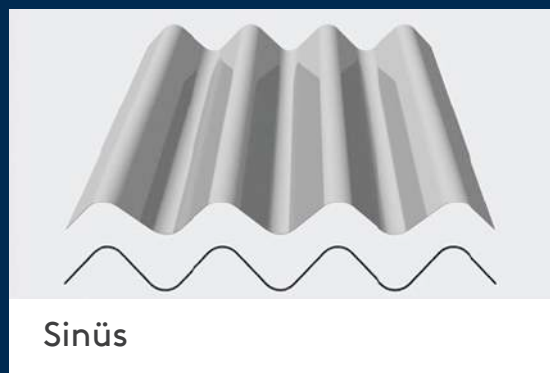
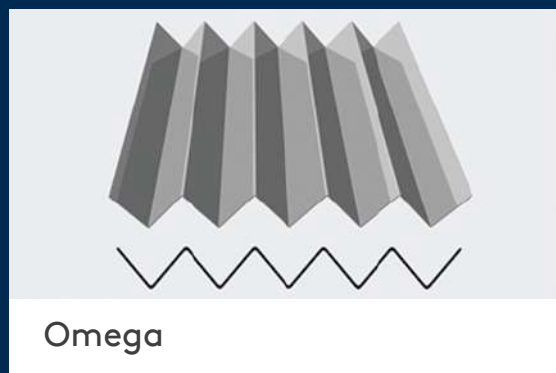
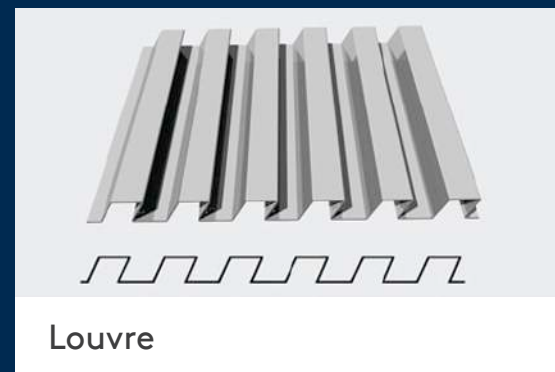
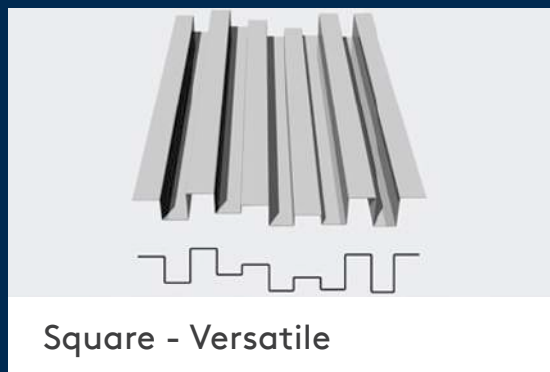
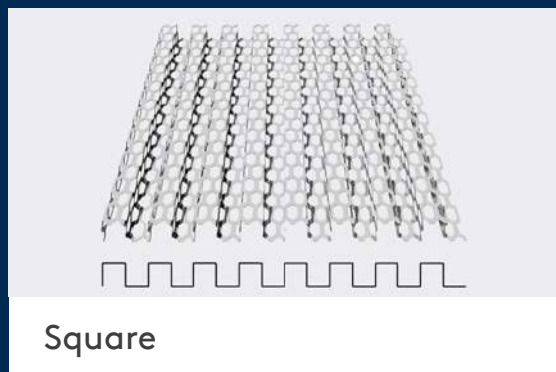
Spots



Crystal

Free Section

KASSO offers a wide range of trapezoidal sheet forms for roofing and facade claddings. Trapezoidal sheets are aesthetic, light and durable, allowing covering large surfaces with enhanced rigid structure. Formed cross section creates a three dimensional appearance with customizable curves and edges for parametric designs.



Custom Design

Every project is unique. Kasso Engineering offers project-based solutions by working with architects, engineers and designers at every stage from design to installation to turn each individual idea into reality.

RENDER



REALIZATION



Section 3

Applications Overview

Partner for Value Engineered Systems

Tailor made products for interior and exterior applications
We find the most efficient solution for the technical specification

Factors we can optimize for feasible solutions

Dimension

Thickness

Fastening

Finishing

Corners

Load-bearing
substructure

Doors /
windows

Panel junction



Architectural Applications

Exterior



1. Doubleskin Facade
2. Sun Louvres
3. Dynamic Facade
4. Soffit, Coping, Fascia
5. Canopy
6. Mediamesh

Interior



1. Suspended Ceilings
2. Wall Cladding
3. Column Cladding
4. Glassmesh Separator

Safety and Security

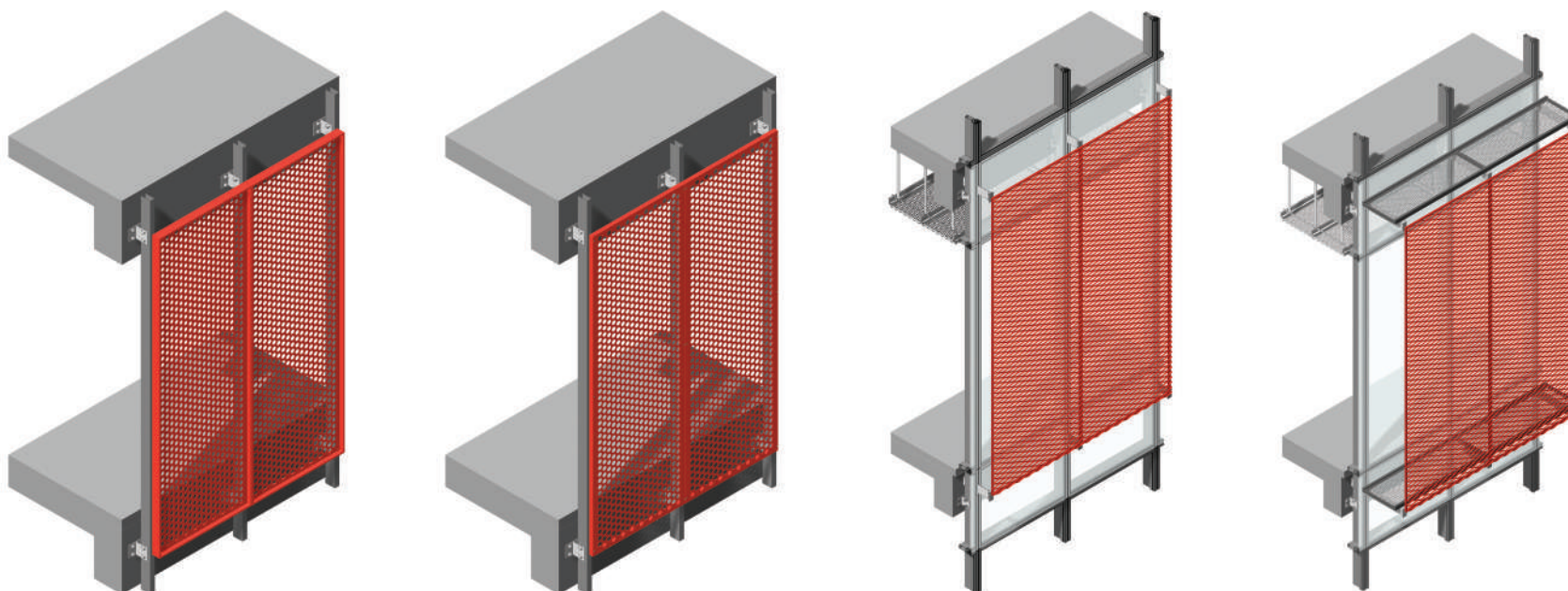


1. Walkways
2. Bird Mesh Grid
3. Sound Barrier
4. Fencing
5. Railing
6. Ventilation Louvre
7. Bricklaying Works

Exterior Applications

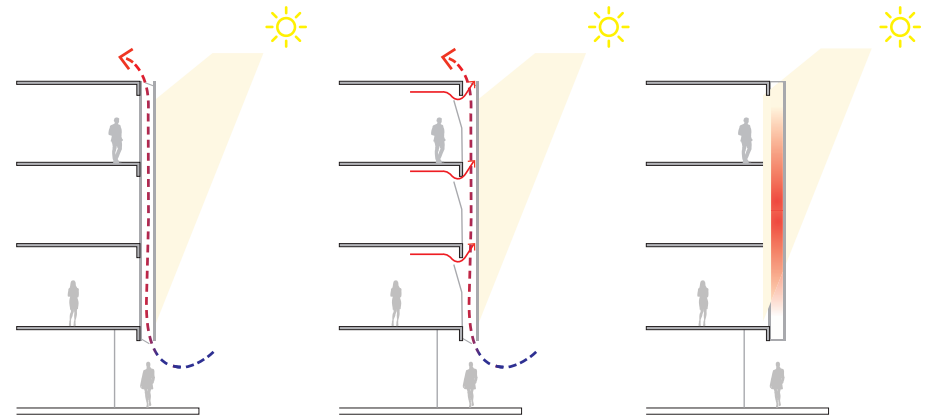
1. Doubleskin Facade

Double skin facades are based on a multilayer principle. Double skin facades systems consisting of two layers, wherein air flows through the intermediate cavity. This space acts as insulation against temperature variation, winds, and sound; improving the building's thermal efficiency for both high and low temperatures. The transparent facade provides advantages on thermal and auditory comfort and reduced air conditioning costs.

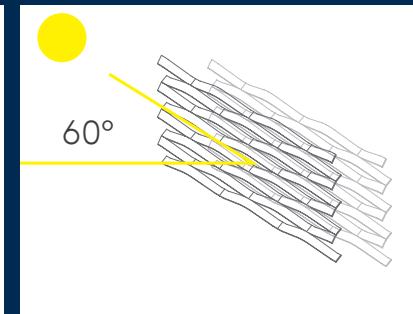
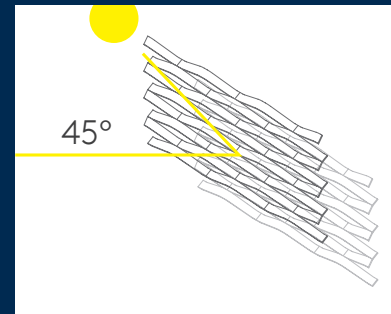
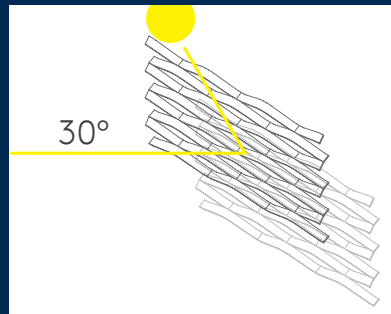
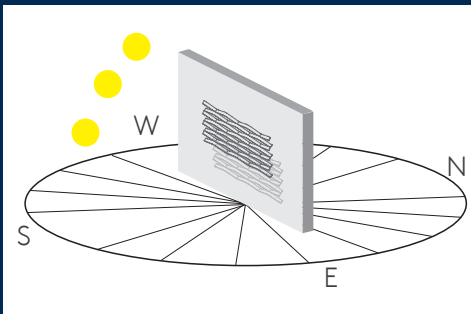


The Doubleskin Facade Concept

Expanded mesh is a unique material that is both transparent and provides shading at the same time thanks to its particular three-dimensional conformation. This characteristic permits the creation of innovative screening for the regulation of daylight: the shade provided is greatest when the sun is at its highest, while the frontal opening of the mesh maximizes the amount of daylight and leaves the view open to the world outside. This makes rooms brighter and cooler at the same time.



Advantages of Solar Control: Expanded Mesh Product



Designing sustainable, energy-efficient buildings. By better control of the inflow of the energy through the facing provided for the façade, for example.



ilyzipark / ilyzico

Location

İstanbul, Türkiye

Date

2018

Architect

Alataş Architects & Consulting

Type

Office

Application

Doubleskin Facade

Product

Expanded mesh metal

Material

Aluminum

Surface

Electrostatic powder coating



Kuwait International Airport

Location

Kuwait City, Kuwait

Date

2019

Architect

Foster + Partners

Type

Transportation

Application

Doubleskin Facade

Product

Square hole multiperforated metal

Material

Aluminum

Surface

Natural anodized



Kigali Arena

Location

Kigali, Rwanda

Date

2019

Architect

Yazgan Design Architecture

Type

Sports Complex

Application

Doubleskin Facade

Product

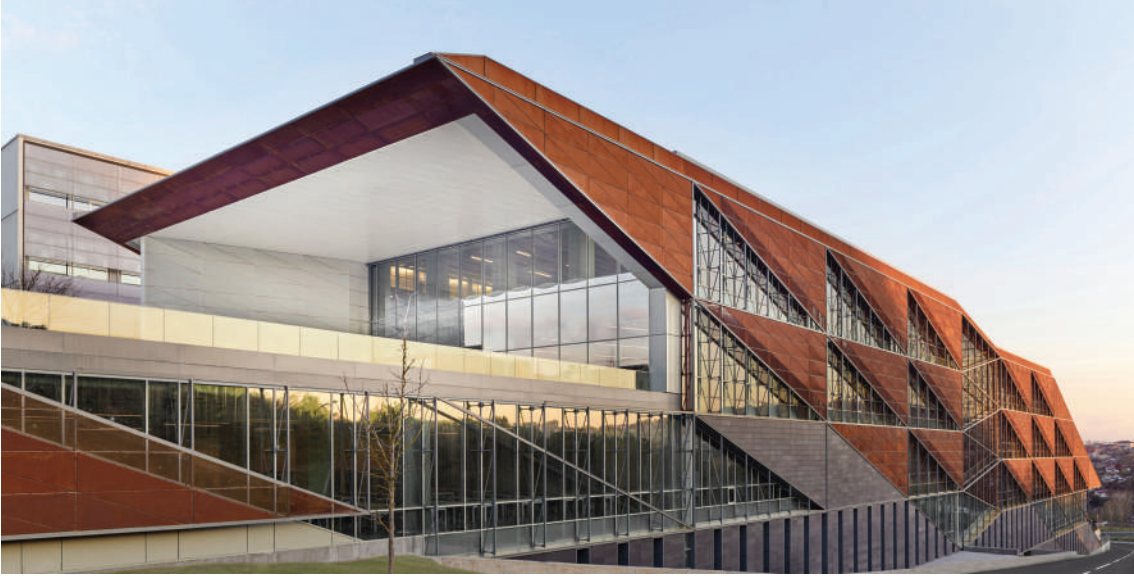
Pattern cut

Material

Aluminum

Surface

Electrostatic powder coating



Özyeğin University / Faculty of Architecture And Design

Location

İstanbul, Türkiye

Date

2020

Architect

BG Architects, ARK-itecture

Type

Education

Application

Doubleskin Facade

Product

Perforated metal, Solid

Material

Cor-ten steel

Surface

Mill finish



S2OSB Headquarters

Location

Sakarya, Türkiye

Date

2016

Architect

BINAA | Building Innovation Arts
Architecture

Type

Office

Application

Doubleskin Facade

Product

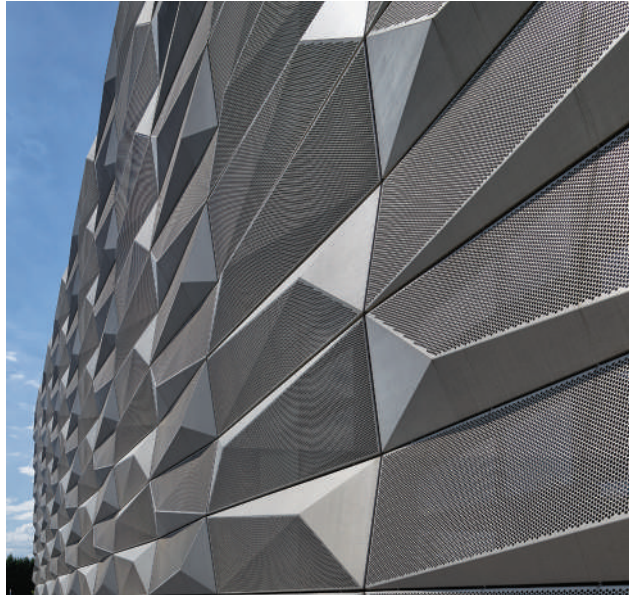
Perforated metal

Material

Aluminum

Surface

Satin anodized





BZJ Textile Factory and Office

Location

Bursa, Türkiye

Date

2015

Architect

StudioKA

Type

Industrial, Office

Application

Doubleskin Facade

Product

Perforated metal & trapezoid form

Material

Aluminum

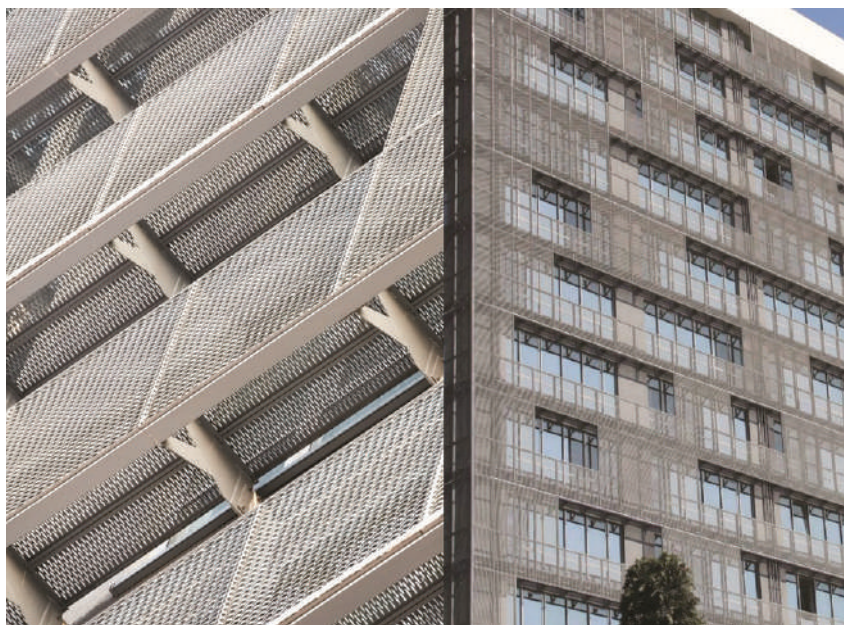
Surface

Anodized

Exterior Applications

2. Sun Louvres

Aluminium Louvre Systems offers versatility through design by providing a system that can meet the differing demands in weathering, ventilation and aesthetics.





Istanbul Technical University / Faculty of Chemistry



Location

İstanbul, Türkiye

Date

2014

Architect

Ulaş Architecture

Type

Education

Application

Sun louvre, Railing

Product

Expanded mesh metal

Material

Aluminum

Surface

Electrostatic powder coating



Piri Reis University

Location

İstanbul, Türkiye

Date

2014

Architect

Kreatif Architecture

Type

Education

Application

Sun louvre

Product

Perforated metal, Expanded mesh metal

Material

Aluminum, Corten steel

Surface

Electrostatic powder coating, Mill finish





Istanbul Technical University / Faculty Of Civil Engineering

Location

Istanbul, Türkiye

Date

2014

Architect

PAB Architecture

Type

Education

Application

Sun louvre

Product

Perforated metal

Material

Aluminum

Surface

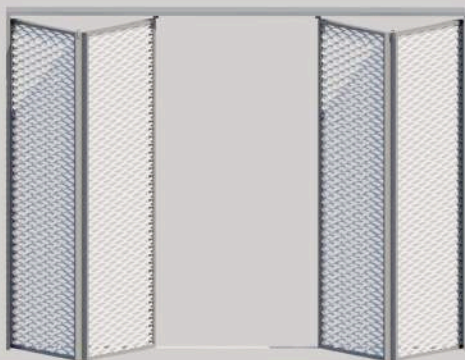
Electrostatic powder coating

Exterior Applications

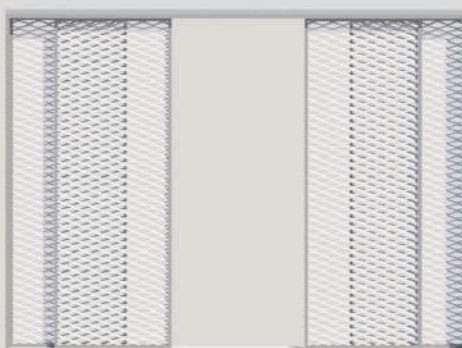
3. Dynamic Facade

The surface of a building gives variable expressions with dynamic facade technology. Dynamic façade technology is one of the key to the most individual solution.

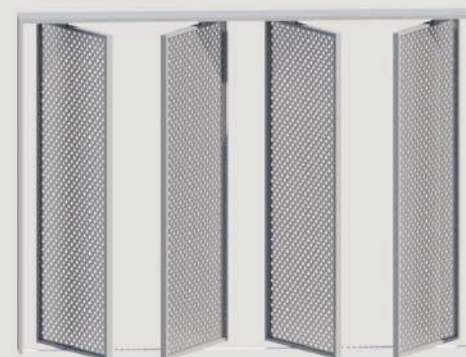
Folding



Sliding



Rotatable Pivot





Protel Headquarters

Location

İstanbul, Türkiye

Date

2015

Architect

HS Architecture

Type

Office

Application

Dynamic Facade, Automated rotatable pivot extruded sun shading louvre

Product

Perforated metal

Material

Aluminum

Surface

Electrostatic powder coating



Güral Suadiye Residence

Location

İstanbul, Türkiye

Date

2016

Architect

(EAA) - Emre Arolat Architecture

Type

Residential

Application

Sliding & folding facade

Product

Perforated metal

Material

Aluminum

Surface

Electrostatic powder coating



Istanbul Technical University / Lecture Hall Building

Location

Istanbul, Türkiye

Date

2011

Architect

Özsoy Architecture

Type

Education

Application

Automated sliding facade

Product

Perforated metal

Material

Aluminum

Surface

Electrostatic powder coating

Exterior Applications

4. Soffit, Coping, Fascia

Aluminium soffit, fascias and copings are uniquely designed, specified and fabricated to suit individual project requirements. A pioneering concept in roofline solutions ideal for use where durability and aesthetics are key. Soffit, fascia and copings function as complementary product for Kasso Metal Façade Claddings applications.





İzmir Adnan Menderes Airport

Autopark and Terminal Building

Location

İzmir, Türkiye

Date

2014

Architect

TAV - Yakup Hazan Architecture

Type

Transportation

Application

Fascia, Soffit, Coping

Product

Expanded mesh metal

Material

Aluminum

Surface

Anodized





Hotel at Zubalashvili St. 10

Location

Tbilisi, Georgia

Date

2020

Architect

Nikoloz Chkhaidze

Type

Residential

Application

Fascia, Soffit, Coping

Product

3D surfaces

Material

Stainless steel

Surface

Mirror finish



Estetik International

Location

Bursa, Türkiye

Date

2019

Architect

AAD Architecture

Type

Commercial

Application

Fascia, Soffit, Coping

Product

3D surfaces, Expanded mesh metal

Material

Aluminum

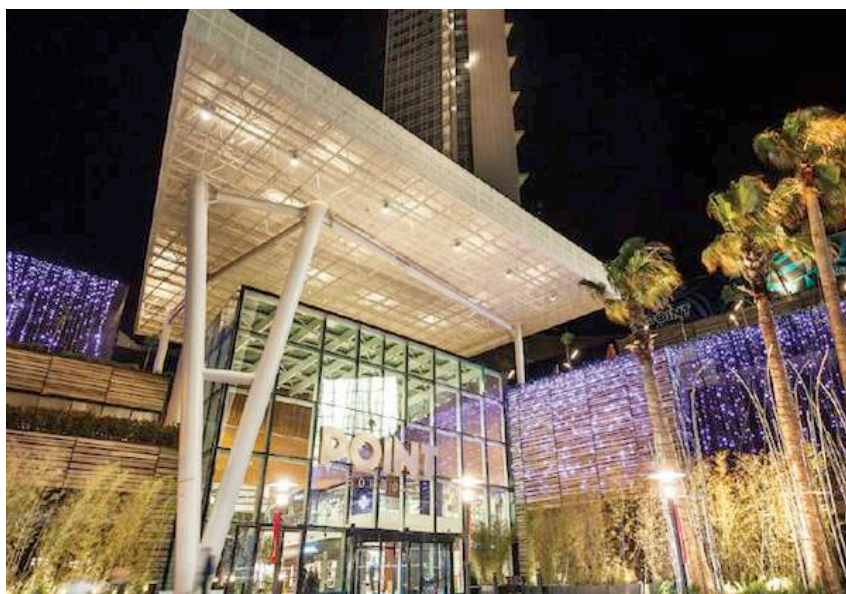
Surface

Gold anodized, Electrostatic powder coating

Exterior Applications

5. Canopy

Metal canopy applications are preferred both for functionality and aesthetics. As an architectural element, canopy systems combines design and function to enhance building's exterior appearance and bring layering into the structure. Canopies give emphasis to a route or part of a building typically providing shelter and a gathering space for an entrance of a building. Canopy systems can also be independent of other structures function as individual roof for shading from sun, reducing glare and heat.





Point Bornova Shopping Mall

Location

İzmir, Türkiye

Date

2015

Architect

Derin Yeşil Architecture

Type

Shopping Mall

Application

Canopy

Product

Multiperfore metal

Material

Aluminum

Surface

Electrostatic powder coating



Watergarden İstanbul

Location

İstanbul, Türkiye

Date

2016

Architect

Görkem Volkan Design Studio (GVDS)

Type

Mixed Use

Application

Canopy

Product

Pattern cut

Material

Aluminum

Surface

Electrostatic powder coating



Garanti Koza Park

Location

İstanbul, Türkiye

Date

2015

Architect

DDG Architects

Type

Office

Application

Canopy

Product

Pattern cut, Expanded mesh metal

Material

Aluminum

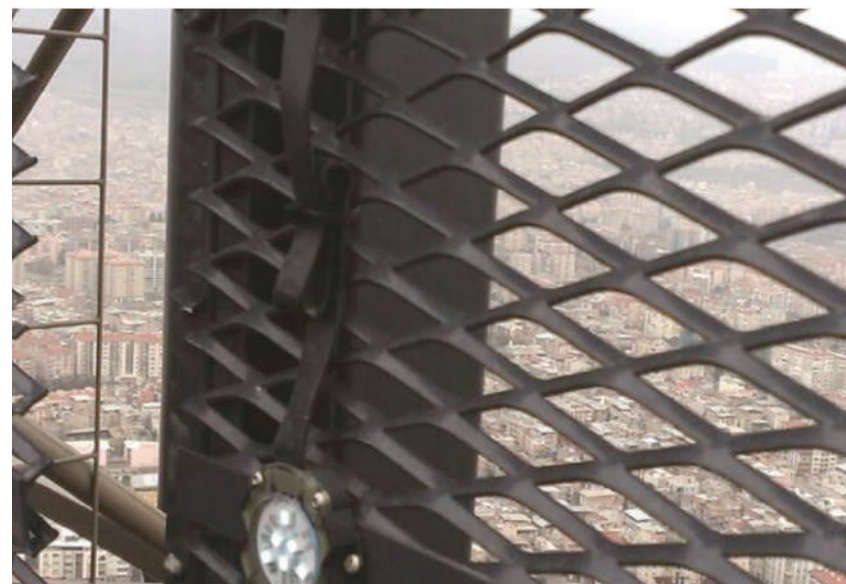
Surface

Electrostatic powder coating

Exterior Applications

6. Media Facades

Kasso Mediamesh is an aluminum mesh with LED lights that can transform any building into a dynamic, vivid experience of communication. Easily installed over any building surface, this mesh is ideal for large-scale applications and can cover four times the surface area of traditional billboards with as much as 80% less electricity. And with up to 60% transparency, this mesh allows for natural daylighting and ventilation to reach the building's surface.





Folkart Towers

Location

İzmir, Türkiye

Date

2015

Architect

Yağcıoğlu Architecture

Type

Mixed Use

Application

Media facade

Product

Expanded mesh metal

Material

Aluminum

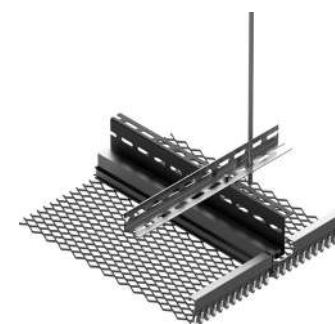
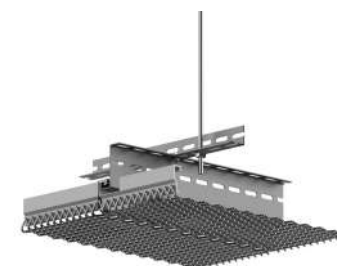
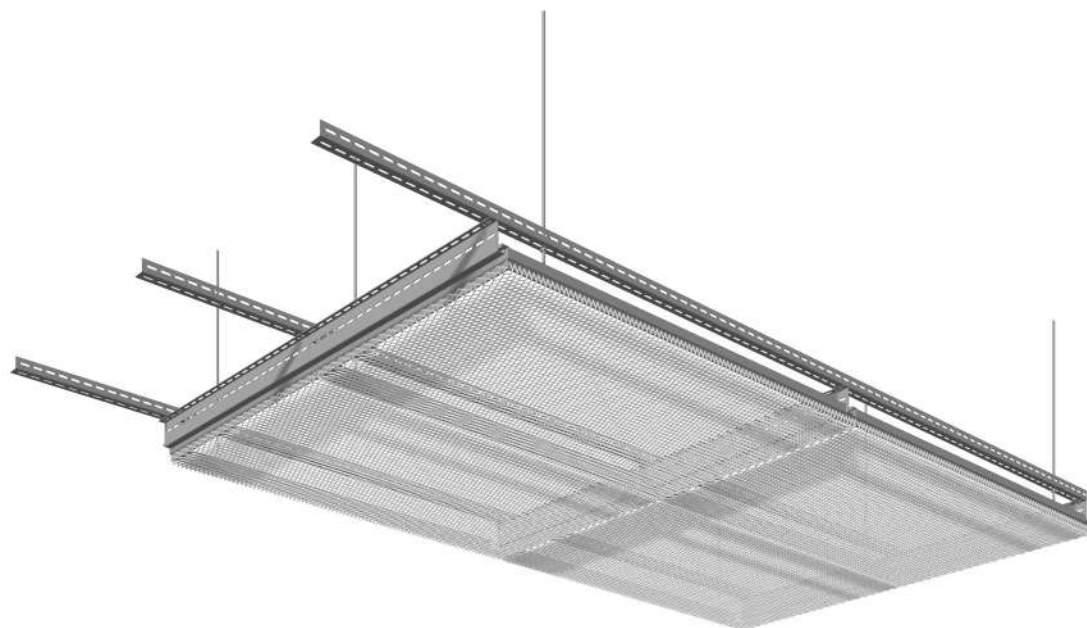
Surface

Anodized

Interior Applications

1. Suspended Ceiling

This special class of product is hybrid combination of glass material with expanded mesh product. Expanded mesh panel is placed in between to glasses and framed with aluminium profile to obtain a glaze work ready-to-install for interior separation applications and for exterior curtain wall applications. Light permeability can be arranged as per the project's requirement, and bespoke sizing available to suit specific requirements.





Tasigo Hotel

Location

Eskişehir, Türkiye

Date

2014

Architect

Global Architectural Development (GAD)

Type

Hotel

Application

Suspended ceiling

Product

Pattern cut

Material

Aluminum

Surface

Electrostatic powder coating



Sahibinden Headquarters

Location

İstanbul, Turkey

Date

2012

Architect

Erginoğlu & Çalışlar Architects

Type

Office

Application

Suspended ceiling

Product

Expanded metal

Material

Aluminum

Surface

Electrostatic powder coating





Watergarden İstanbul

Location

İstanbul, Turkey

Date

2016

Architect

Görkem Volkan Design Studio (GVDS)

Type

Mixed Use

Application

Suspended ceiling

Product

Multiperforated metal & pattern cut

Material

Aluminum

Surface

Electrostatic powder coating





Odeabank Headquarters

Location

İstanbul, Turkey

Date

2016

Architect

GMW Architecture

Type

Office

Application

Suspended ceiling

Product

Multiperforated metal

Material

Aluminum

Surface

Electrostatic powder coating



Folkart Incity

Location

İzmir, Turkey

Date

2020

Architect

Öncüoğlu Architect

Type

Shopping Center

Application

Suspended ceiling

Product

3D surfaces

Material

Stainless steel

Surface

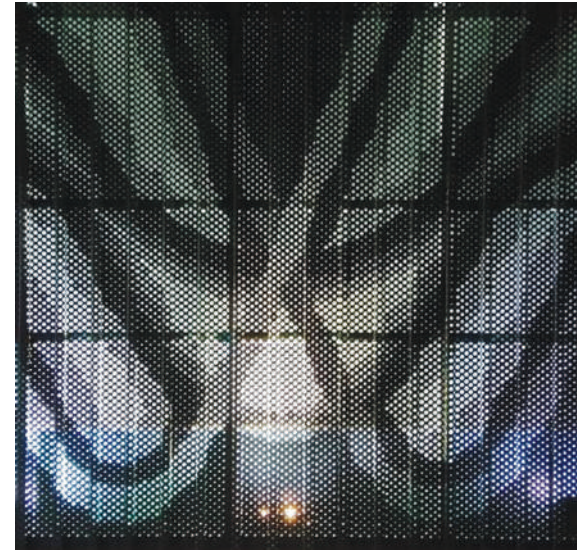
Mill finish

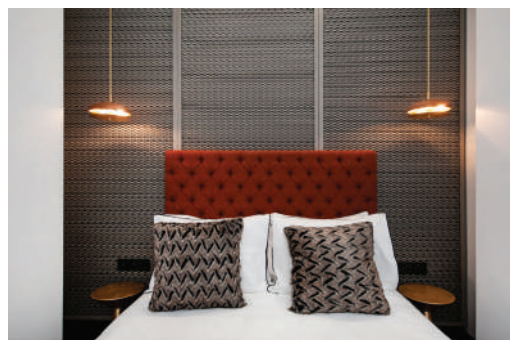
Interior Applications

2. Wall Cladding

Metal wall cladding is an excellent way to upgrade the interiors while enhancing the structure's appearance. Working with a experienced technical team will leverage to finding the functional and aesthetic claddings, with an effective communication with the customer. We work within the limits of any given material while taking full advantage of any material's most desirable qualities, whether it's perforated aluminum cladding, corrugated cladding or any other style.

Turkuvaz Medya Center, İstanbul, Turkey





Rue des Archives Hotel

Location

Paris, France

Date

2021

Architect

île De France Matériaux

Type

Hotel

Application

Wall Cladding

Product

Expanded Mesh

Material

Aluminum

Surface

Electrostatic powder coating

Interior Applications

3. Column Cladding

Metal wall cladding is an excellent way to upgrade the interiors while enhancing the structure's appearance. Working with a experienced technical team will leverage to finding the functional and aesthetic claddings, with an effective communication with the customer.



4. Glassmesh

This special class of product is hybrid combination of glass material with expanded mesh product. Expanded mesh panel is placed in between to glasses and framed with aluminium profile to obtain a glaze work ready-to-install for interior seperation applications and for exterior curtain wall applications.





Wanda Vista Hotel

Location

İstanbul, Türkiye

Date

2022

Architect

Mar Yapı

Type

Restaurant

Application

Column

Product

Expanded mesh metal

Material

Aluminum

Surface

Electrostatic powder coating



Trimline Office

Location

İstanbul, Türkiye

Date

2022

Type

Office

Application

Glassmesh Separator

Product

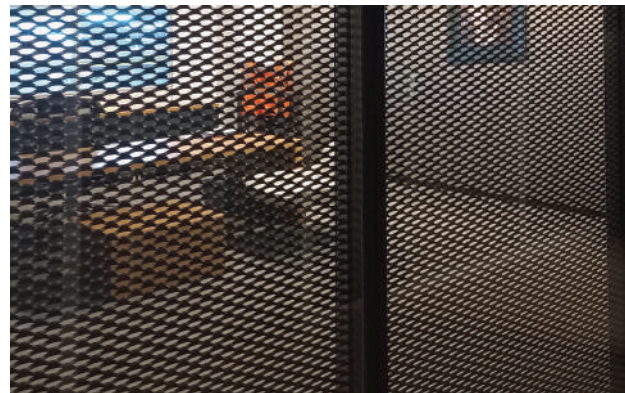
Expanded Mesh Metal

Material

Aluminum

Surface

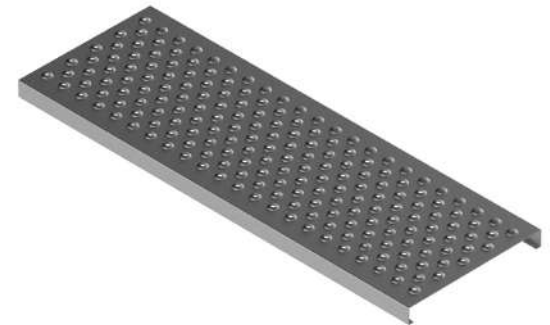
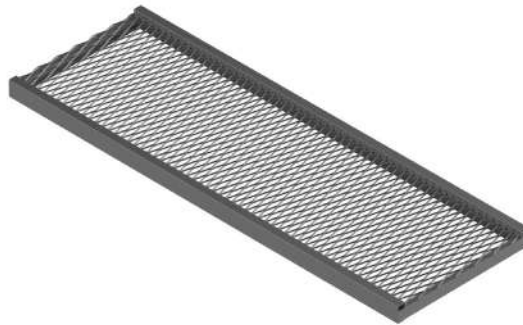
Electrostatic powder coating



Safety & Security Applications

1. Walkways

This range of product are used as walkways, catwalks, interior and exterior stair treads, and access platforms. Most preferred products for industrial and architectural applications are highlighted below. Our wide range of products are suited to any project.





Istanbul Airport / Maintenance Line Hangar

Location

Istanbul, Türkiye

Date

2019

Architect

Grimshaw, Nordic Office of Architecture,
Haptic Architects

Type

Transportation

Application

Walkways

Product

Expanded mesh metal

Material

Steel

Surface

Hot dip galvanized





Professor Samii International Neurology Institute

Location

Tehran, Iran

Date

2018

Type

Residential

Application

Walkways

Product

Grid traverse

Material

Carbon Steel

Surface

Hot dip galvanized

Safety & Security Applications

2. Bird Mesh Grid

Expanded metal bird mesh panels ensures correct roof ventilation with air permeability while preventing small birds and insects mesh from entering and nesting in the areas such as multi layered roofing sections and attics. Available in powder coated aluminum in bespoke sizes for the project specifications.



3. Sound Barrier

Sound barrier, also called as acoustical barrier, or noise barrier, is an exterior structure designed to reduce and absorb noise. Noise barriers are the most effective method of mitigating roadway, railway, and industrial noise sources.





İzmir Büyükşehir Belediyesi Anadolu Caddesi

Location

İzmir, Türkiye

Date

2019

Architect

GMWM

Type

Mixed use

Application

Fencing

Product

Expanded Mesh Metal

Material

Aluminum

Surface

Electrostatic powder coating

Safety & Security Applications

4. Fencing

Sound barrier, also called as acoustical barrier, or noise barrier, is an exterior structure designed to reduce and absorb noise. Noise barriers are the most effective method of mitigating roadway, railway, and industrial noise sources.

5. Railing

Kasso stair railings are used for exterior and interior applications as staircase/gallery/balcony balustrades, railings for residential, commercial, industrial, education, renovation projects.





Le Toison D'or

Location

Brussels, Belgium

Date

2016

Architect

UNStudio

Type

Residential

Application

Railing

Product

Pattern cut

Material

Aluminum

Surface

Electrostatic powder coating





Portonovi

Location

Herceg Novi, Montenegro

Date

2020

Architect

GMWM

Type

Mixed use

Application

Fencing

Product

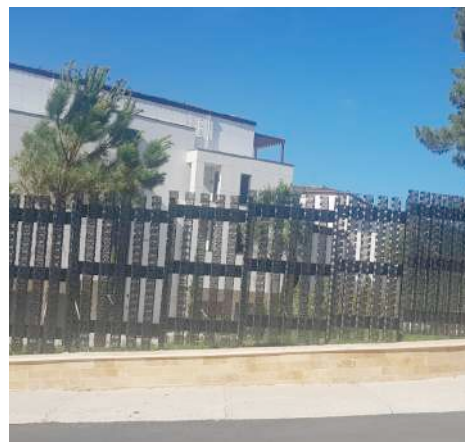
Expanded Mesh Metall

Material

Aluminum

Surface

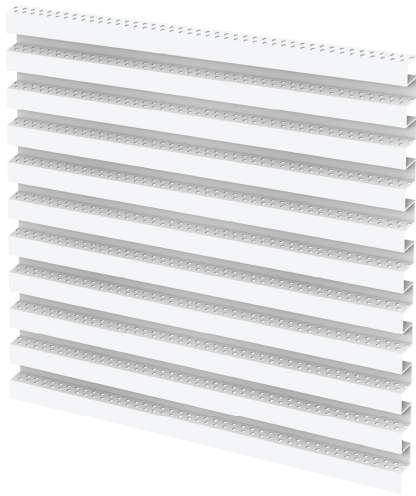
Electrostatic powder coating



Safety & Security Applications

6. Ventilation Louver

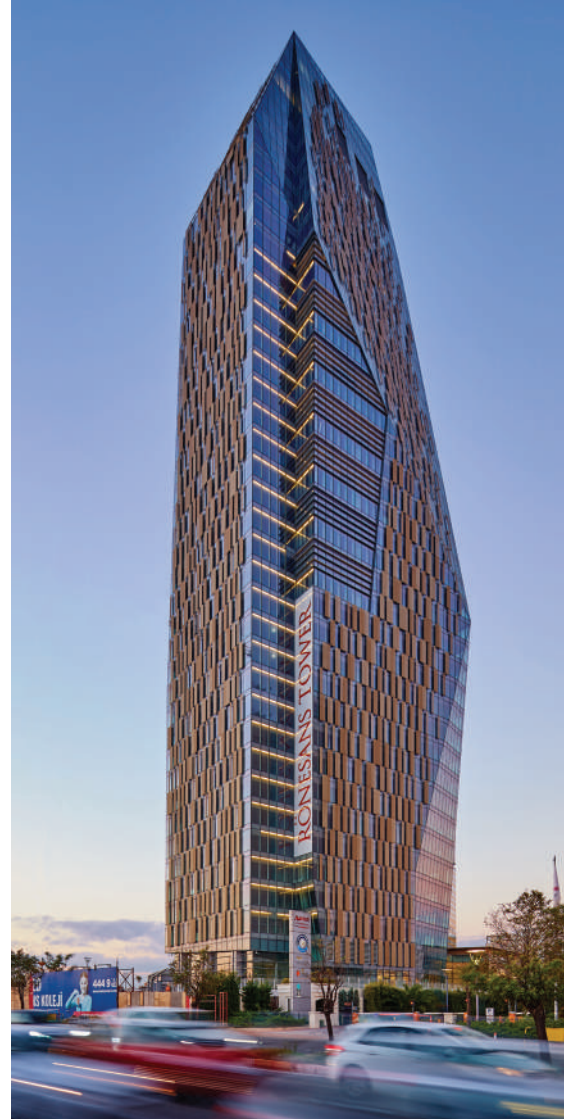
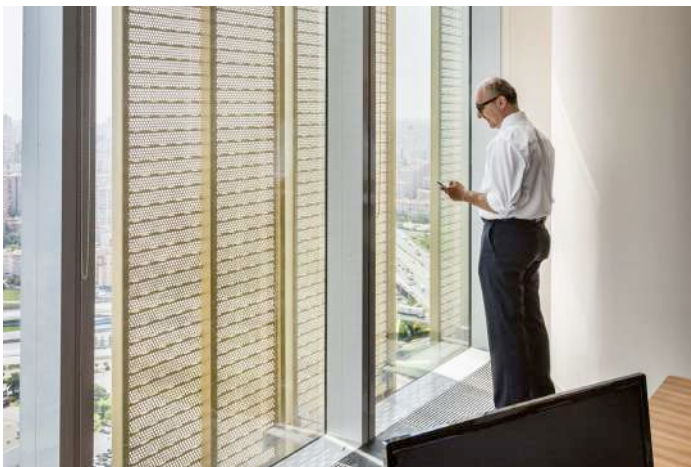
Ventilation Louvres applications provide air ventilation, rain defence, sand/dust trap, sun protection, noise reduction, security and privacy to application area for both commercial and industrial buildings with an aesthetic appearance. Kasso ventilation systems louvre will provide the airflow required with rain and dust defence. Louvre screens can be customised for the requirement of external conditions.



Perforated Louver



Z Profile Louver



Allianz Tower

Location

İstanbul, Türkiye

Date

2014

Architect

Fehmi Kocal Design Architects & FX Fowle Architects

Type

Office

Application

Cooling tower, Facade, Ventilation

Product

Expanded mesh metal, Custom design perforated, Embossed metal

Material

Aluminum

Surface

Electrostatic powder coating

Safety & Security Applications

7. Bricklaying Works

Rabis Wire: A surface tension occurs on the surfaces to be plastered, rabis wire reduces this surface tension and thus prevents cracks that may occur later. It provides protection of the structures from external factors and provides resistance against earthquakes and various impacts.

Lintel: Lintels are small beams, beam-like elements made on the upper part of the wall cavities in order to transfer the loads acting on the lintel, doors and windows, to the supports or load-bearing sections by carrying them.

