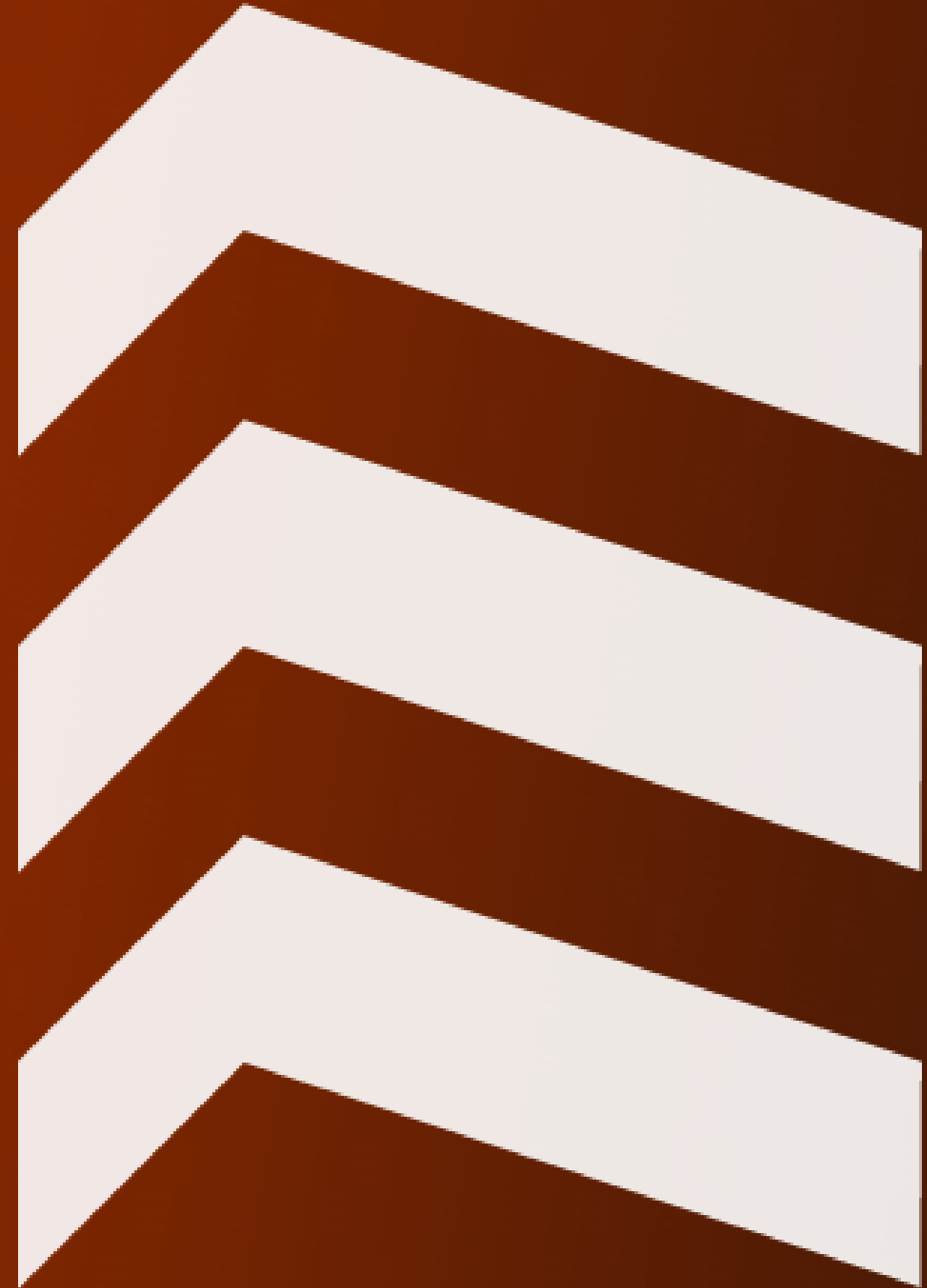


— FACADE DESIGN & CONSTRUCTION

COMPANY PROFILE

Engineering, cladding and building-envelope solutions delivered with architectural precision — from planning to installation.





About Company



Penta is your dependable partner for the construction, design and planning of superior façade architecture.

Whatever façade cladding and architectural design your project requires, our engineers and construction technicians find the ideal technical solution to bring your vision to life — from first concept to final fixing.

According to your needs, we offer complete packages spanning façade planning through construction, or individual services tailored to specific project requirements — including cladding, substructure and pairing components, planning and installation supervision. We work closely with our partners to ensure every façade is installed professionally and on time.

360°

PLANNING TO INSTALLATION

Full

SYSTEM PACKAGES

On Time

PARTNER-LED DELIVERY



02 — WHERE WE'RE GOING

Vision

To reach the full satisfaction of our valued clients and be recognized as a **market leader**, upholding unparalleled standards of quality and professionalism — with a strong will to win in the marketplace and in every aspect of our business.

03 — HOW WE GET THERE

Mission

To convert client satisfaction into our expertise, attribute and interest — providing products and services of the **highest quality**, with strict regard for safety and environment. We stand by our determination to convert vision into reality, guided by quality objectives and measurable results.



04 — OUR PROMISE

**EVERY TIME, UNCOMPROMISING
QUALITY.
THE ULTIMATE FAÇADE QUALITY YOU
DESERVE.**

PENTA

Curtain Wall & Doors



01

2

WALL SYSTEMS

4

DOOR TYPES

◆ Curtain Wall 2 SYSTEMS



▲ Stick Curtain Wall

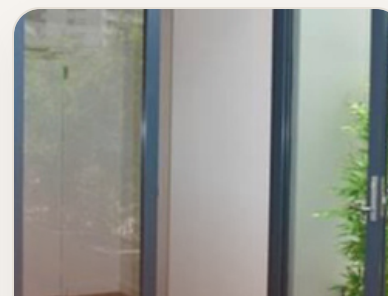


▲ Unitized Curtain Wall

◆ Doors 4 TYPES



▲ Sliding Doors



▲ Hinged Doors



▲ Folding Doors



▲ Automatic Sliding



Windows & Frameless

02

4

WINDOW TYPES

3

FRAMELESS SYSTEMS

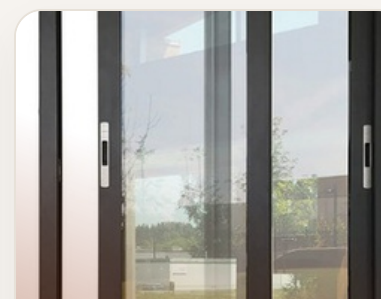
◆ Windows 4 TYPES



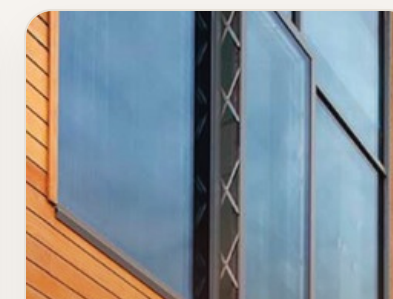
▲ Hinged Windows



▲ Top Hung Windows

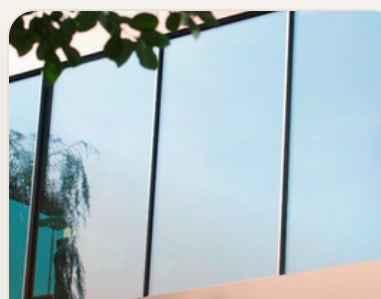


▲ Sliding Windows

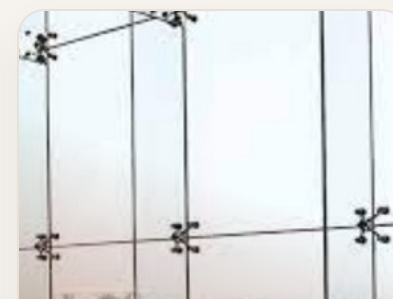


▲ Parallel Windows

◆ Frameless Products 3 SYSTEMS



▲ Frameless Windows



▲ Spider System



▲ Handrails



Wall Cladding

03

2

LOUVRE TYPES

4

CLADDING MATERIALS

◆ Aluminum Louvres 2 TYPES



▲ **Decorative Louvres**



▲ **Sand Trap Louvres**

◆ Cladding Materials 4 MATERIALS



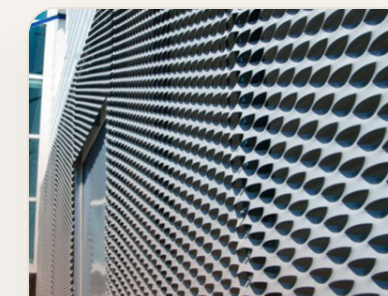
▲ **ACP Panels**



▲ **Fibre Cement**



▲ **HPL Laminate**



▲ **Mesh Panels**



ALUMINUM COMPOSITE PANEL
FACADE

08 — MATERIAL SPOTLIGHT

Aluminum Composite Panels

Our ACP supply partner has specialised in aluminum composite panels since 2002, growing from an initial **1,750,000 m²** annual capacity to a full-scale operation running four dedicated composite panel lines — now producing fireproof panels across the A2, B1 and B2 classes.

The panels are exported across Europe, from Spain and the UK to Germany, France, Italy, Poland and the Benelux region, earning five industry awards for export excellence along the way.

2002

ESTABLISHED

7.5M

m²

ANNUAL CAPACITY

4

PRODUCTION
LINES

5

EXPORT
AWARDS



Fibre Cement

A composite cladding material made from cement reinforced with cellulose fibres, manufactured in boards that lock together to form a **weather-tight envelope** across the building exterior.

Every panel carries the raw, untreated texture of the fibre-cement base — a through-coloured facade material trusted by architects since the 1950s, with no two panels ever quite alike.

1950s

FACADE MATERIAL
SINCE

100%

THROUGH-COLOURED

1

UNIQUE TEXTURE PER
PANEL



FIBRE CEMENT RAINSCREEN
CLADDING

FC

High Pressure Laminate

High Pressure Laminate comes as flat sheets made from paper fibre and wood pulp, pressed together with phenolic resin glue under high pressure and high temperature. The surface is finished in pigmented resin, tempered using electron beams.

High-quality wood-based materials and compact laminates span a wide range of decors for individually designed solutions — raw chipboard, coated chipboard, laminate panels, compact panels, biofibre panels and the m.look category. The portfolio is defined by robustness and diversity, and every panel is easy to process, clean and disinfect.

Phenolic

RESIN CORE

6

DECOR CATEGORIES

Electron-Beam

SURFACE CURE



HIGH PRESSURE LAMINATE



PERFORATED & EXPANDED METAL

— 11 — MATERIAL SPOTLIGHT

Mesh Panels

A wide range of metal products — expanded metal, perforated sheets, embossed sheets, laser-cut metals and 3D-formed surfaces — for both architectural and industrial applications. Beyond the standard range, customised patterns and forms are available for every unique inquiry.

Manufactured by KASSO Engineering, a metalworking specialist since 1975. In 1986, the company extended into expanded mesh metal sheet manufacturing through the TEKŞAN-KASSO partnership. Today it operates a fully equipped, patented, high-technology plant in the Istanbul Industrial Zone, delivering turnkey projects for clients.

1975

FOUNDED

1986

MESH DIVISION

Istanbul

MANUFACTURING HQ



Our Projects

PROJECT

French Pavilion

DESIGNER

Al Nasher Architecture

LOCATION

EXPO 2020

SCOPE

Mesh Panels (Kasso Metals)





Our Projects

PROJECT

France Pavilion

DESIGNER

Atelier Perez Prado & Celnikier + Grabli

LOCATION

EXPO 2020

SCOPE

Fire Rated Aluminum Composite Panels (Albond)





Our Projects

PROJECT

Residential Villa

OWNER

Private

DESIGNER

Alchemy Design Studio

LOCATION

Katameya Heights

SCOPE

Fibre Cement (EQUITONE)



Our Projects



PROJECT
OWNER
DESIGNER
LOCATION
SCOPE

ALCA
Mr. Tarek Soliman
Volu Design Studio
New Cairo
Stick Curtain Wall (Sherif Ali Hassan)
Fibre Cement (Equitone)
Aluminum Composite Panels (Albond)
Aluminum Louvres



Our Projects



PROJECT

IFT Corporate HQ

CONSULTANT

DSC Intl.

CONTRACTOR

Atcon

LOCATION

New Cairo

SCOPE

Unitized Curtain Wall (Hueck)

Sliding & Parallel Windows (Hueck)

Fire Rated Aluminum Composite Panels (Albond)

Wire Mesh (Kasso Engineering)

Portal Louvre (TechnoWood)



Our Projects



PROJECT
DESIGNER
LOCATION
SCOPE

ICON
Mohamed Talaat Architects
New Cairo
Stick Curtain Wall (Sherif Ali Hassan)
Frameless & Sliding Windows (Sherif Ali Hassan)
Frameless Doors (Sherif Ali Hassan)
Hinged Doors (Sherif Ali Hassan)
Fire Rated Aluminum Composite Panels (Albond)



Running Projects



PROJECT

Marriot Residences

OWNER

Amer Group

DESIGNER

Ehaf Consulting Engineers

LOCATION

Heliopolis

SCOPE

6000 m² Curtain Wall

4000 m² Fire Rated Aluminum Composite Panels (Albond)

1000 LM Glass Handrail (Glass Line)

Sliding Windows & Doors (Hueck)

Hinged Doors (Hueck)



Running Projects



PROJECT

The Drive By Waterway

CONTRACTOR

Waterway Developments

LOCATION

Cairo



Running Projects



PROJECT
CONSULTANT
LOCATION
SCOPE

Sky Walk
Pavilion Architects
6 October
Stick Curtain Wall (Hueck) & (Sherif Ali Hassan)
Aluminum Louvres
Doors & Windows
Handrail
Fire Rated Aluminum Composite Panels (Albond)





Our Partners

