

The Alumil logo is displayed in a bold, sans-serif font. The letter 'i' is stylized with a white dot and a vertical line extending upwards. The logo is positioned on a yellow diagonal background element.

ARCHITECTURAL BUILDING SYSTEMS





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ALUMIL Group

With more than 30 years of experience and 2.200 employees, ALUMIL is one of the most advanced companies globally in the design and production of aluminium architectural systems, owning state-of-the-art production lines in its 12 factories in Europe.

ALUMIL produces high quality aluminium systems which are designed and developed in the Group's innovative Research & Development Department and then tested and certified by internationally accredited certification institutes and laboratories, such as ift Rosenheim (Germany), A.A.M.A (USA), Istituto Giordano (Italy), CSTB (France), ATG (Belgium) etc.

Advanced industrial facilities of high standards and a strong international sales network in over 60 countries worldwide, with 28 subsidiaries across the globe, in all continents, prove that ALUMIL is one of the top suppliers of architectural aluminium systems that meet the highest requirements and cover a very wide range of architectural needs:

- / High aesthetical results in accordance with the latest architectural trends.
- / Energy efficiency through advanced thermal insulated aluminium systems and shading systems.
- / Environmental friendly energy production through integration of photovoltaic systems into building cells.
- / High security level against burglaries, vandalism, fire, smoke & earthquakes.
- / Protection even in extreme weather conditions.
- / Various solutions for people with special needs.

Our mission is to improve the quality of people's life by enhancing the performance of their buildings, with products of the highest quality, technology and aesthetics.

Industrial facilities

- 11** aluminium extrusion lines
- 8** powder coating lines
- 3** sublimation lines (wood effect colors)
- 3** anodizing plants
- 2** foundry for billet production
- 8** thermal break assembly lines
- 3** manufacturing plants for system accessories
- 1** manufacturing plant for roll-formed aluminium-foam filled profiles
- 1** manufacturing plant for aluminium composite panels
- 1** manufacturing plant for polycarbonate sheets

630.000 m² own industrial real estate
230.000 m² manufacturing buildings
12 factories
2.200 employees

Production capacity

100.000 t of aluminium extrusion
75.500 t of powder coating
80.000 t of billets
22.000 t of anodized aluminium
30.500 t of thermal broke profiles
950.000 m² aluminium composite panels
32.000.000 m² polycarbonate sheets

Regional Support

ALUMIL MIDDLE EAST, based in Dubai in the United Arab Emirates, is servicing all project requirements in the Middle East region in terms of:

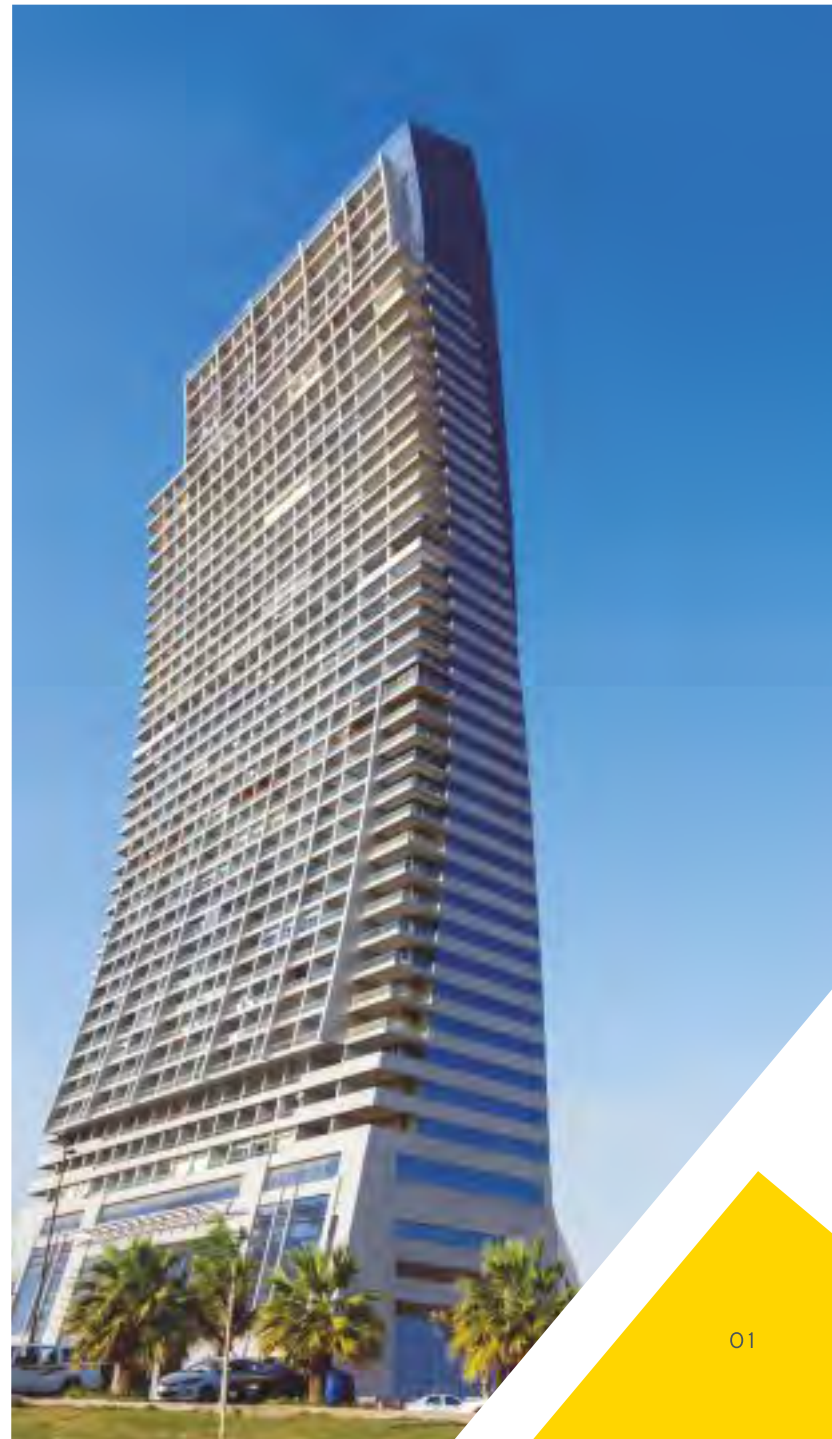
- / Architectural project requirements.
- / ALUMIL SYSTEMS products.
- / Aluminium extrusions/powder coating/anodizing.
- / Technical service & engineering support.
- / Costing estimations.
- / Technical design proposals/submissions.
- / Performance testing.
- / Customized solutions.
- / Training & quality control.
- / Site inspections/reports/warranties.
- / Logistics facilities.
- / Showroom facilities.

Regional References

ALUMIL Systems have been successfully placed in notable & demanding projects through the Middle East, Near East, Africa, India and Asia. **ALUMIL MIDDLE EAST** reference portfolio includes:

- / High rise towers over 50 floors.
- / Highest thermal performance projects such as Estidama Pearl 2.
- / Advanced design projects (minimal visible aluminium systems) for residential towers.
- / Projects with highly specialized products such as folding doors and motorized shading louvres.
- / High performance/budget sensitive commercial towers.
- / Luxury villas and large scale villa projects.

ALUMIL MIDDLE EAST showroom in JLT/Dubai is open for visits from owners/developers, architects, consultants, main contractors and aluminium subcontractors (contact details can be found in the last page).



➤ Sliding systems

SUPREME S700

SUPREME S650 PHOS

SMARTIA S560

SMARTIA S440

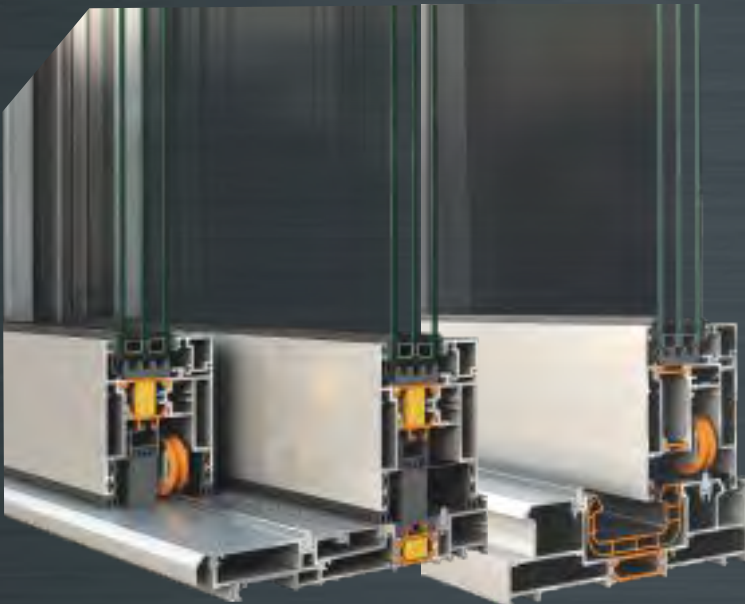
SMARTIA S350

SMARTIA M630 PHOS

SMARTIA M1 4600

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on the full range
of ALUMIL SYSTEMS
& products contact us

Alumil SUPREME S700



SUPREME S700 is an excellent solution for projects with demanding requirements, meeting the trend of “transparent” architecture through extensive glass surfaces, with high thermal insulation, safety and modern design.

Its minimal design and its various innovative characteristics, make it the ideal option for projects requiring wide spans for enhanced daylight, outstanding performance and maximum ease of use.

- / Minimal and innovative design with impressive functionality.
- / Interlocking face width only 47 mm for maximum visibility and reinforced profiles for windows and doors exceeding 3 m height.
- / Innovative low threshold for easy access, with excellent watertightness.
- / High energy efficiency with special anti-distortion polyamides, for improved performance when high temperature differences between indoors and outdoors exist.
- / Smart water evacuation system with concealed profiles that guarantees watertightness under any weather condition.
- / A very elegant alternative for automated lift & slide doors is possible.

Alumil > SUPREME S650 PHOS



The thermally insulated sliding system SUPREME S650 PHOS is the ideal solution for projects requiring wide spans with minimal aluminium sight lines. Massive yet elegant glazing surfaces are achieved while maintaining high functionality, performance and minimal architectural design.

The outstanding feature of the system is its extremely slim design, which offers increased daylight and a direct connection to the outside.

- / All aluminium profiles are totally concealed in wall so as to maximize natural lighting with options for low frame constructions.
- / Only 25 mm visible aluminium face width at the interlocking profile.
- / Extra concealed profiles available for effective water drainage.
- / Stainless steel rollers for smooth sliding & maximum functionality with high resistance to corrosion.
- / Available in all parallel sliding typologies including corner constructions.
- / Alternative solutions for the on-floor installation, in-floor installation or totally concealed in-floor installation covered with the floor finish (version SUPREME S650 PHOS Eclipse)
- / Special profiles for the implementation of multi-sash typologies.
- / Alternative version for top-mounted installation.



Alumil SMARTIA S560



SMARTIA S560 is a flexible and robust thermally insulated system for Lift & Slide and regular sliding doors. It provides high thermal performance, robust constructions and is ideal for large openings. At the same time, it is distinguished by its delicate and modern design, notably thanks to its slim interlock profile option and to its functional low threshold option.

- / Basic system depth 56 mm.
- / Minimum visible interlock width of only 49 mm
- / Max. glass thickness up to 44 mm and weight per sash up to 300 Kg.
- / Smooth and easy sliding thanks to inox rails and to the lifting sliding mechanism
- / Vast range of typologies available.
- / Two sash profiles available for 45° assembling.
- / New low threshold for Lift & Slide and sliding doors.

Alumil SMARTIA S440



SMARTIA S440 is an innovative thermal break sliding system which incorporates all the modern architectural trends and the requirements for high energy-efficiency. It is an ideal option for very demanding and elegant constructions.

- / Low sash height of only 75 mm.
- / Minimum visible interlock width of only 39 mm so as to maximize visibility and natural lighting.
- / Safety and increased burglar resistance thanks to the concealed locking points.
- / Optional mounting profile available.
- / Smooth and easy sliding thanks to anodized rails.
- / Two sash profiles available for 45° and 90° assembling.
- / Max Glass thickness up to 32 mm and weight per sash up to 180 Kg.

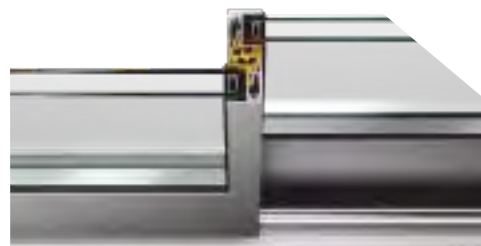


Alumil SMARTIA S350



SMARTIA S350 is a modern & flexible insulated sliding system with a modern flat design. It is ideal for refurbishments or renovations thanks to its construction easiness.

- / Basic system depth 35 mm.
- / Maximum visibility and natural light with only 25mm width at the interlocking profile
- / Easy access with low threshold ideal for renovations
- / High thermal insulation with special sash available with anti distorsion polyamides ideal for dark frames
- / Smooth and easy gliding thanks to inox rails.
- / Vast range of typologies compatible with various mechanisms.
- / Certified system performance by the IFT Rosenheim institute.



Alumil SMARTIA M630 PHOS



The sliding system SMARTIA M630 PHOS offers a minimal touch in contemporary residences combining minimal design with high thermal performance.

Following the "less is more" philosophy, all aluminium profiles can be hidden into the walls providing a total sense of comfort with top functionality and enhanced safety.

- / High thermal insulation with $U_w = 1,43 \text{ W/m}^2\text{K}$ for a double sash typology $3,00 \times 2,20 \text{ m}$ and $U_g = 1,0 \text{ W/m}^2\text{K}$.
- / Maximum natural light with only 44 mm of visible aluminium face width at the interlocking profile.
- / Easy access thanks to the low threshold ideal for children, elders and people with special needs.
- / Smooth sliding & maximum functionality with high resistance to corrosion with stainless steel rollers.
- / Vast range of typologies available.

Alumil SMARTIA M14600



SMARTIA M14600 is ALUMIL's sliding system with extremely elegant lines. It meets the modern architectural trends and the requirements for especially high performance and is the ideal solution for areas with moderate climates.

- / Basic system depth 35 mm.
- / Minimum visible interlock width of only 23 mm so as to maximize visibility and natural lighting.
- / Special interlocking profile with integrated handle for functionality and significant wind load resistance (optional).
- / Sash profiles available for 45° and 90° assembling.
- / Meeting stile width of just 62 mm.
- / Vast range of typologies compatible with various mechanisms.
- / Max glass thickness up to 25 mm and weight per sash up to 180 Kg.
- / Smooth and easy gliding thanks to inox rails.





➤ Hinged systems

SUPREME S91

SUPREME S77

SMARTIA S67

SMARTIA S67 URBAN

SMARTIA S67 PHOS

SMARTIA M9660

For information
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& products contact us

Alumil SUPREME S91



Top Ranking Passive House
Performance for HOT CLIMATE

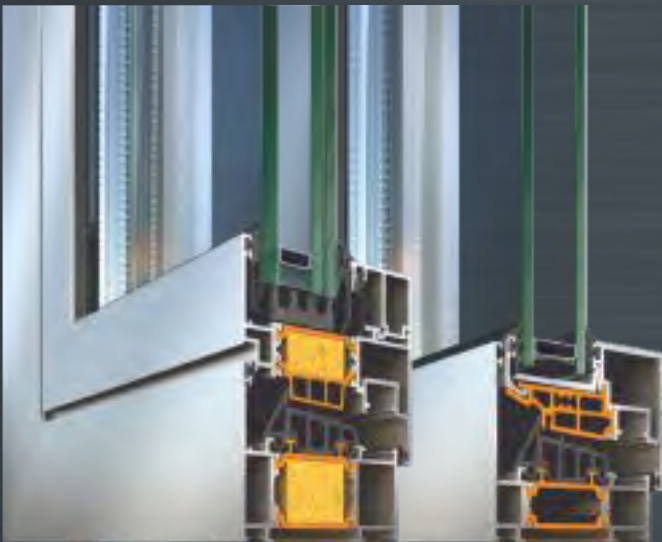


The system SUPREME S91 was specially designed in order to meet the high requirements of passive houses. It is ideal for heavy duty and energy efficient constructions offering a high security level. The system's development was driven by the need for best in class performances in terms of thermal insulation, water tightness, as well as sound reduction. The system is the perfect solution for the most demanding markets.

- / Certified by the Passive House Institute (PHI), according to the passive houses specifications.
- / Visible aluminium face width only 93 mm.
- / Extremely high thermal insulation with $U_i \geq 0,67 \text{ W/m}^2\text{K}$.
- / Exceptional level of water tightness achieved by a special co-extruded foam EPDM gasket.
- / For all typologies of casements and patio doors.

For information on the full range of ALUMIL SYSTEMS & products, kindly contact ALUMIL MIDDLE EAST (contact details can be found on the last page).

Alumil SUPREME S77



The system SUPREME S77 is ALUMIL's proposal for advanced insulating casement windows, which meet the high standards of all advanced markets and incorporate a modern design. It is the ideal solution for projects that require high performance and maximum security.

The series gives also the option for concealed sashes through the version SUPREME S77 PHOS, which is an exceptional solution for minimal windows and patio doors allowing maximum natural lighting.

Furthermore, SUPREME S77 meets the highest requirements in terms of thermal insulation, water tightness and sound reduction and is the ideal solution in the demanding category of casement systems.

- / High thermal insulation value $U_i \geq 0,85 \text{ W/m}^2\text{K}$, certified by the ift Rosenheim Institute.
- / Certified by the Passive House Institute (PHI), according to the passive house specifications.
- / Visible aluminium face width 93 mm and only 67 mm with concealed sash.
- / Maximum watertightness at 3 levels through EPDM gaskets in combination with EPDM foam.
- / Specially designed low threshold for easy access to people with special needs.
- / For all typologies of hinged windows and patio doors.
- / Wide range of sill profiles is available.

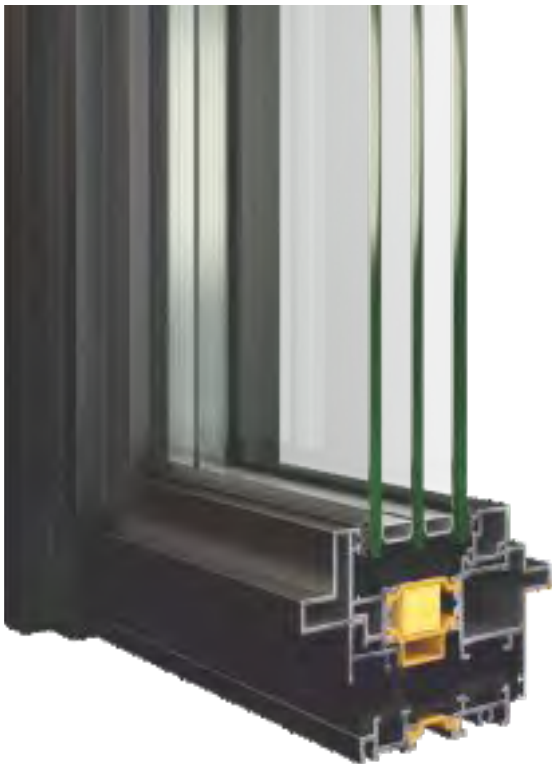
Alumil SMARTIA S67



SMARTIA S67 is ALUMIL's Tilt & Turn system for insulated doors and windows with impressive thermal insulation that perfectly combines fabrication flexibility with outstanding design.

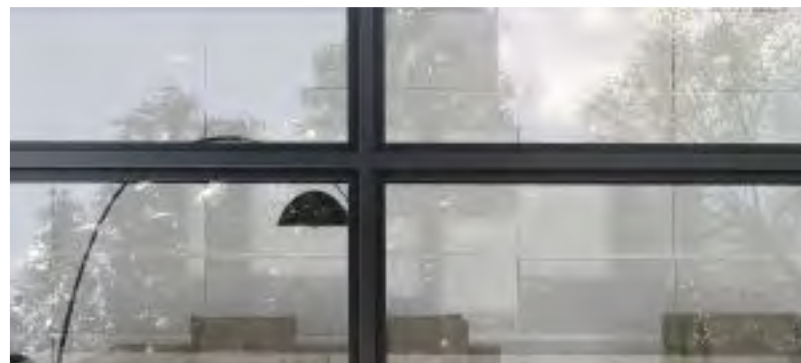
- / Basic system depth 67 mm.
- / High thermal insulation with $U_w = 1,18 \text{ W/m}^2\text{K}$ for frame dimensions of 1,50 x 2,20 m and $U_g = 0,60 \text{ W/m}^2\text{K}$.
- / Visible aluminium face width of only 93 mm.
- / Low threshold specially designed for people with special needs.
- / Available in various designs: flat & curved.
- / Max. glass thickness up to 58 mm and weight per sash up to 180 Kg (with concealed hinges).
- / 3 levels of watertightness with EPDM gaskets.
- / Higher waterproofing level.

Alumil SMARTIA S67 URBAN



SMARTIA S67 URBAN is a new hinged insulated system by ALUMIL, which successfully blends the present with the past and the classic with the modern. The unique aesthetics of S67 Urban, answer perfectly to contemporary architectural trends for industrial design, only this time accompanied also with top performances, which render the system the ideal choice for industrial look on new buildings, or upgrading old steel framed windows.

- / Frame and sash width 105mm
- / Available in 2 versions: Standard and Hi
- / Designed for euro groove mechanism
- / 3 levels of watertightness with the use of EPDM gaskets.
- / Internal, in glass, partitions can be achieved with use of special profiles.
- / Improve aesthetics by using concealed hinges.



Alumil SMARTIA S67 PHOS



The SMARTIA S67 PHOS offers modern minimal casements with concealed sash and fittings. This version maximizes the natural light thanks to its significantly reduced visible aluminum face width of only 72 mm. Its remarkable thermal insulation and performance in terms of air permeability, water tightness and wind load, makes it ideal for demanding projects.

- / Basic system depth 67 mm.
- / High Thermal insulation with $U_w = 1,26 \text{ W/m}^2\text{K}$ for frame dimensions of $1,50 \times 2,20 \text{ m}$ and $U_g = 1,00 \text{ W/m}^2\text{K}$.
- / Only 72 mm visible aluminium face.
- / Low threshold specially designed for people with special needs.
- / Available in various designs: flat & curved.
- / Max. glass thickness up to 28mm for tilt & turn sash and 58 mm for fix sash.
- / Weight per sash up to 180 Kg (with concealed hinges).
- / European groove or Euronut hardware can be applied.
- / 3 levels of watertightness with EPDM gaskets.
- / Higher waterproofing level.

Alumil SMARTIA M9660

SMARTIA M9660 is an insulated Tilt & Turn system for areas with warmer climate, ensuring high quality constructions and application of various typologies with considerable thermal performance. It is ideal for renovations, combining safety and functionality, without requiring high investment costs.


- / Basic system depth 56 mm.
- / Special profiles available for various entrance doors typologies.
- / Available in various designs (flat, curved).
- / European groove or Euronut hardware can be applied.
- / Max. glass thickness up to 49 mm and weight per sash up to 180 Kg (with concealed hinges).

For information on the full range of ALUMIL SYSTEMS & products, kindly contact ALUMIL MIDDLE EAST (contact details can be found on the last page).



➤ Curtain Wall systems

SMARTIA M35
SMARTIA M7
SMARTIA M85s
SMARTIA M78
COMFORT M3/M4



For information
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of ALUMIL SYSTEMS
& products contact us

Alumil SMARTIA M35



SMARTIA M35 is a “value for money” curtain wall system which ideally combines aesthetics and high performances.

Its minimal design offering reduced sightline, compared to other typical Curtain Wall Systems, at 35 mm, renders SMARTIA M35 ideal for Transparent Architecture.

- / Basic system width 35 mm
- / High thermal insulation thanks to special insulating materials
- / Ideal for constructions that seamless appearance is specified, such as shopfronts.
- / Low fabrication cost thanks to accessories and ease of fabrication.
- / Effective water evacuation system
- / Implementation of various types of hinged windows: projected, parallel projected, tilt and turn and concealed sash.
- / Implementation of entrance door systems.



Alumil SMARTIA M7

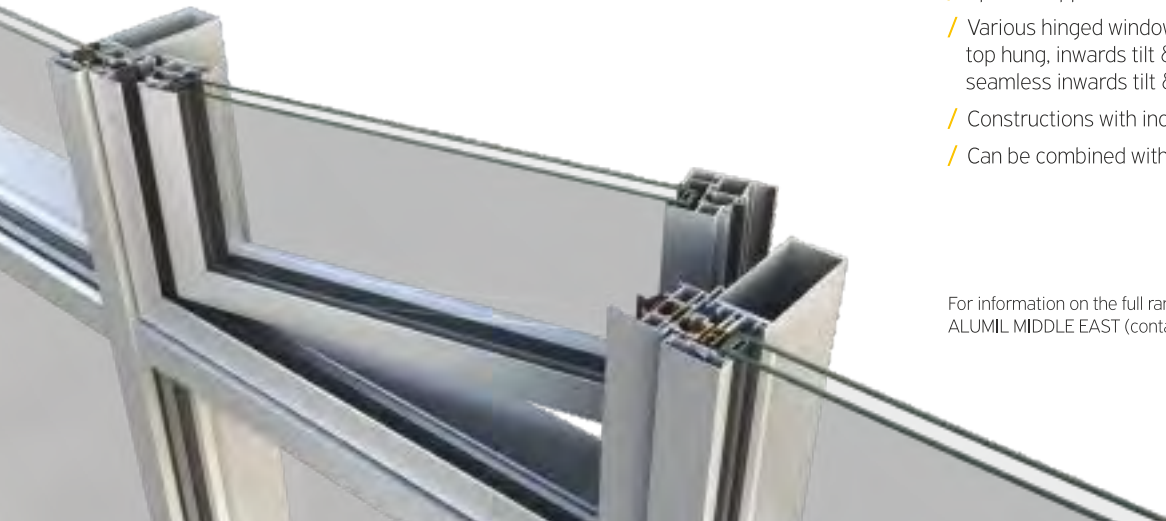


SMARTIA M7 is a complete system for high energy efficiency curtain walls. It provides quality constructions in affordable prices and meets totally all stability and safety requirements.

- / 50 mm width of mullions and transoms.
- / High thermal insulation thanks to the special insulating material.
- / Option of structural curtain wall constructions without aluminium covers, using the same mullions and transoms.
- / The transom screws are covered by the transom gasket, thus minimizing water and air penetration problems.

- / Low fabrication cost due to accessories and ease of fabrication.
- / Includes an effective water evacuation system.
- / Special supports for shading blades.
- / Various hinged window types can be applied: parallel projected, top hung, inwards tilt & turn, concealed sash tilt & turn, seamless inwards tilt & turn, all Tilt & Turn SMARTIA systems.
- / Constructions with inclined or polygonal surfaces.
- / Can be combined with all types of doors of the SMARTIA series.

For information on the full range of ALUMIL SYSTEMS & products, kindly contact ALUMIL MIDDLE EAST (contact details can be found on the last page).



Alumil SMARTIA M85 s



SMARTIA M85S is a unitized thermally broken curtain wall of ALUMIL.

- / 85mm basic system width
- / Only glazing with total thickness of 32 mm or 44 mm is applicable.
- / Easy replacement of broken glasses.
- / Projected windows can be seamlessly applied.

For information on the full range of ALUMIL SYSTEMS & products, kindly contact ALUMIL MIDDLE EAST (contact details can be found on the last page).



Alumil SMARTIA M78



SMARTIA M78 is a cost efficient unitized curtain wall, which combines minimal aesthetics with structural robustness.

Its Structural Silicone Glazing construction offers maximum transparency at the external surface of the façade. Modular units, including glazing panes, are prefabricated in workshop conditions and this results in a fast and economic installation with minimum manpower and tooling requirements.

This construction mode, renders M78 an ideal system for high rise buildings, where meeting demanding deadlines is a prerequisite.

- / 55 mm width of mullions.
- / Basic system width 78mm
- / Structurally bonded glazing, providing a flush exterior appearance.
- / Various hinged typologies can be implemented: projected, parallel projected and all and turn windows.
- / Horizontal unit joint 12mm
- / Vertical unit joint 19mm
- / Stack joint height 92mm
- / 3 levels of sealing
- / Glazing from 32 mm up to 46mm

Alumil > COMFORT M3/M4



COMFORT M3/M4 is a semi unitized system for Curtainwalls with:

- / 55 mm width of mullions.
- / Options with structural glazing (M4) or an elegant 16 mm visible aluminium frame around the glass (M3).
- / Vents are supported by the mullions on which they are attached by means of special hardware, which secure the frame on the curtainwall structure.
- / The same vents can be either fixed or projected outwards (windows parallel projected or top hung).
- / Big variety of mullions for high wind loads.
- / Polygonal surfaces are possible.
- / Very easy installation on the building.

For information on the full range of ALUMIL SYSTEMS & products, kindly contact ALUMIL MIDDLE EAST (contact details can be found on the last page).

➤ Outdoor Products

SMARTIA Bioclimatic Pergolas

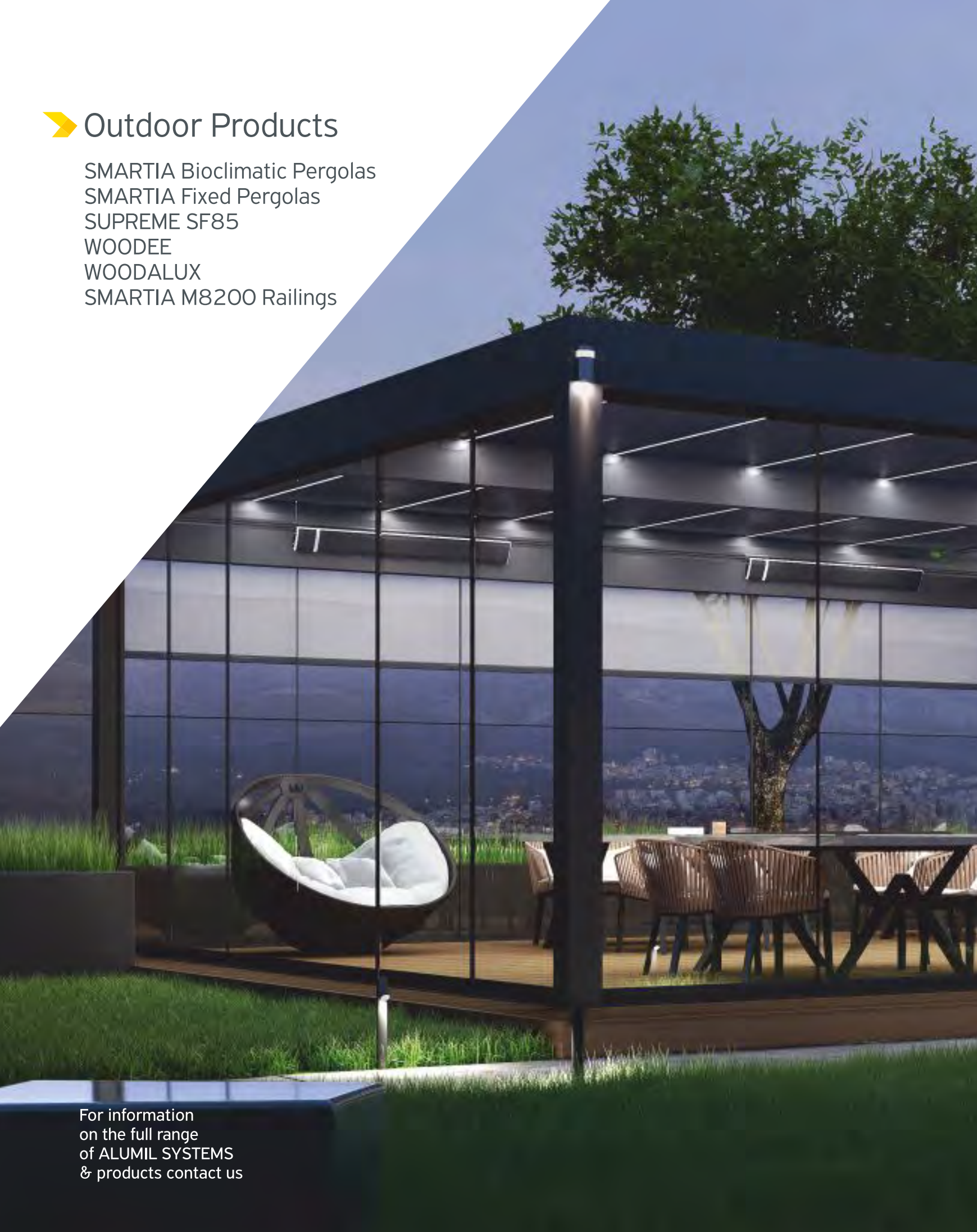
SMARTIA Fixed Pergolas

SUPREME SF85

WOODEE

WOODALUX

SMARTIA M8200 Railings



For information
on the full range
of ALUMIL SYSTEMS
& products contact us

Alumil SMARTIA

Bioclimatic Pergolas



Our innovation and experience, always in accordance with top quality and reliability standards, has led to a great variety of functional and customized pergola solutions of high aesthetics that meet all needs.

ALUMIL bioclimatic pergolas literally extend your indoor space, converting it into a new living room to be used all year round.

Unparalleled benefits

- / Efficient protection against sunlight, rain, snow, frost and other weather conditions.
- / A bioclimatic structure integrated with side elements, such as glass sliding panels, shading ZIP screens, LED lighting and sliding shutters.
- / Extremely robust construction, which allows very wide dimensions up to 7,5 x 7,5 m.
- / State-of-the-art fittings and fully compatible automation systems.
- / Real seaside-class surface treatment due to pre-anodising process.



Extra equipment

- / Additional shading with special vertically rolling fabric ZIP-screens.
- / Integrated glass sliding system, creating pleasant spaces full of natural light, with controllable environmental conditions.
- / Dimmable LED lights applied on transoms and louvers, providing sufficient and stylish lighting at night.
- / Infra-red heating, as well as sound devices transform the place into a comfortable lounge.

For information on the full range of ALUMIL SYSTEMS & products, kindly contact ALUMIL MIDDLE EAST (contact details can be found on the last page).

Alumil SMARTIA

Fixed Pergolas



CRETA

The epitome of minimal aesthetics

NAXOS

Traditional design of timeless value

CORFU

An ultra-modern proposal

KOS

Stylish water-sealed option

A complete range of fixed pergolas for effective shading and aesthetic upgrading of the surrounding environment. Available in four (4) exceptional models, it offers ideal solutions for modern or traditional residences, hotels, dining and recreation areas.

The fixed pergolas can be integrated with vertical ZIP-screens, horizontal shading fabrics, reeds, polycarbonate and glass panels, spotlights and speakers, etc.

- / Very clean lines with no visible connection points for a totally minimal effect.
- / Extreme robustness to resist intense wind turbulence and allow very large dimensions up to 4,8 x 6,0 m.
- / Top quality surface coating and anodising for outstanding durability, especially in seaside areas.
- / Amazingly easy to manufacture and to install.

Alumil SUPREME SF85

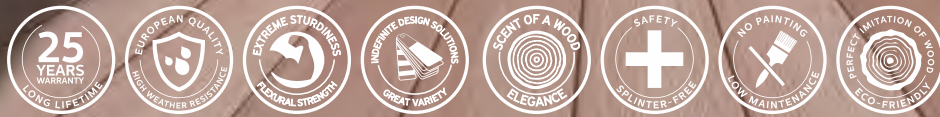


SUPREME SF85 is an exceptional folding door system, providing minimal aesthetics, outstanding thermal insulation and the ability to create constructions with very large dimensions and very low sightline. Its state-of-the-art fittings have been specially designed to achieve unparalleled performance and a smooth, bottom-slide, operation.

The system is ideal for flawless residential use, as well as for heavy-duty constructions and high-end applications. Its construction flexibility (i.e. odd and even number of vents, corner typologies and semi-structural versions), provides numerous solutions, meeting every need in a very effective and elegant way.

- / Extremely reduced sight lines offering an excellent minimal design (105 mm sash to sash).
- / Very large dimensions are possible in terms of maximum height (up to 4,0 m), sash width (up to 1,5 m per sash) and total construction length (infinite).
- / Outstanding thermal insulation for maximum energy savings. ($1,0 \text{ W/m}^2\text{K}$).
- / Extreme performance in terms of water tightness, air permeability and wind load resistance.
- / Enhanced safety and burglary protection, with quadruple locking latches and anti-lift roller hinges (RC2 certified).
- / Ultra-smooth and long-lasting operation.

ALUMIL > WOODEE



WOODEE is ALUMIL's proposal for top quality synthetic decking, offered in a wide variety of solutions, with five (5) different wood surfaces in various widths and in nine (9) different colors.

Its specific composition (60% wood and 40% non-toxic HDPE) maintains the scent and the advantages of natural wood, whilst providing various top attributes, such as top resistance, low thermal expansion, low moisture absorption, high mechanical strength, easy maintenance, environmental friendliness, etc. High performance accompanied with a 25-year warranty.

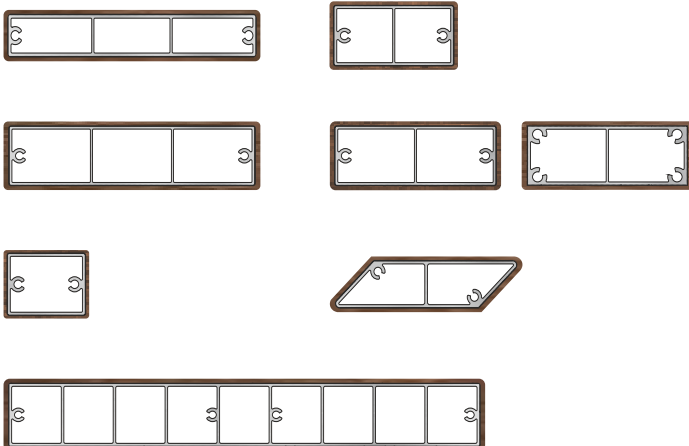
WOODEE offers solutions for wall cladding and fencing as well as boards which may overlap with each other, so as to avoid wide joints.

- / Highly durable with 25-year warranty.
- / Absolute scent of wood.
- / Extreme resistance against the weathering effects, wood parasites, chlorine and salty water.
- / Solid and extremely robust.
- / Top anti-distortion attributes.
- / Walk barefoot without any burning, slipping or splinters issues.
- / Almost no need for maintenance.
- / Environmentally friendly.



Woodalux is an exceptional combination of aluminium and wood-composite coating, an innovative product of premium quality. The outer layer consists of 20% wood powder and 70% polyethylene, plus 10% other ingredients compliant to "REACH" standards, all blended with a special recipe to offer long-lasting natural look to various constructions.

Woodalux can be applied to specific applications, but can be also treated as a basic building material and offer an infinite set of customised solutions, outdoors as well as indoors.



- / Decorative grids, hanging and on-wall criss-crossed trellises.
- / Building cladding structures and solar shading facades.
- / Pergola louvers and fencing blinds for outdoor constructions.
- / Customised solutions and architectural innovative concepts.

Incomparable advantages

- / No need for maintenance.
- / Resistant to wood decaying factors, like insects, rot as well as salt.
- / Resistant to weather conditions, esp. direct sunlight and UV radiation.
- / Enhanced sturdiness which allows much bigger lengths.
- / Do not break which provides extra safety.
- / Can be bended (even with low radius).
- / Natural and warmer result.
- / Lasts much more than wood sublimation, without fading out when placed directly to sunlight.
- / Better sound & thermal insulation compared to other metallic products (e.g. noise of raindrops).
- / Offer competitive differentiation in the market.

For information on the full range of ALUMIL SYSTEMS & products, kindly contact ALUMIL MIDDLE EAST (contact details can be found on the last page).



SMARTIA M8200 is a vertical glass support system for the construction of glass railings of modern aesthetics without mullions, so as to leave the visual field free and offer a sense of luxurious freedom. Ideal for modern residences, hotels and shopping malls, public buildings and surrounding areas, for exterior/interior use.

- / Extreme sturdiness due to the continuous profile logic.
- / Easy and fast installation without any glass alignment issues.
- / On-floor, in-floor and side mounted.
- / Compatible with glass laminate tempered 10+10, 8+8, 6+6 and 5+5 mm.
- / Top surface treatment in all anodising and powder coated colours for maximum resistance to weather conditions, esp. at coastal areas.



M8200

On-floor with extreme robustness.
M8200 on-floor, with 8+8mm and 10+10mm glass



M8207

On-floor with top sturdiness and smart features.
M8207 on-floor, with 8+8mm and 10+10mm glass



M8209

Light weight on-floor solution.
M8209 on-floor, with 5+5mm, 6+6mm and 8+8mm glass up to 70cm height



M8217

Light weight on-floor solution.

M8219

Mounted on the floor and at the edge of the balcony 12+12 mm.

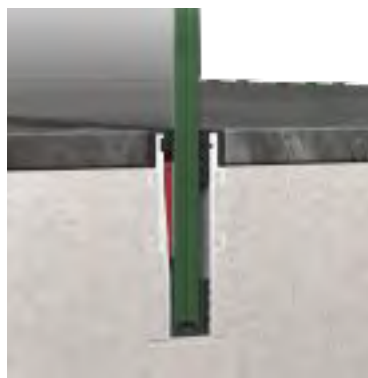
Technical characteristics

- / Continuous profiles
- / On-floor, in-floor and side mounted
- / Laminate tempered glass panel 5+5, 6+6, 8+8 and 10+10mm
- / Quadruple or single membrane
- / Special anchorages (2 types)
- / 4 handrails (round, oval, flat)
- / Horizontal linear load up to 4 KN/m



M8202

Side-mounted for finished and semi-finished floor.
M8202 side-mounted, with 8+8mm and 10+10mm glass



M8210

Specially designed for embedded installation.
M8210 in-floor, with 8+8mm and 10+10mm glass



M8208

On-floor with continuous curved profiles.
M8208 on-floor and curved, with 8+8mm and 10+10mm glass

➤ Reference projects





Bloom Towers
(3 Towers G+39/G+29/G+29)
Dubai, U.A.E.

Client: Bloom Properties (Bloom Holding)
Consultant: Al Khawajah Engineering Consultancy (KWEC)
Main Contractor: Al Oroba Contracting

The Address Hotel & Serviced Apartments, Bahrain

Client: Eagle Hills Properties LLC
Consultant: Mohammad Salahuddin Consulting Engineering Bureau (MSCEB)
Main Contractor: Dadabhai Construction WLL





The Pixel by Makers District, Abu Dhabi, UAE

Client: Imkan
Consultant: Ramboll
Main Contractor: CNCT



Collective 1 Tower, Dubai, U.A.E.

Client: Emaar Properties
Consultant: Rice Perry Ellis (RPE)
Main Contractor: Genco General Contracting LLC

The Grand (PLOT A 004), Dubai, U.A.E.
Client: Emaar Properties
Consultant: Atkins Engineering and Design
Main Contractor: Al Basti & Mukhta LLC



Adeo Living Tower, Dubai, U.A.E.

Client: SRG Holding
Consultant: Erga Progress Engineering Consultants (UAE)
Main Contractor: Al Habbai Contracting





AREEJ 1,2,3,4, Sharjah, U.A.E.

Client: Arada
 Consultant: Arcadia Middle East
 Main Contractor: Modern Building Contracting Group MBCC

Sharjah Sun Island 295 Villas, Sharjah, U.A.E.

Client: Sharjah Oasis
 Consultant: Adnan Saffarini Consultant Office
 Main Contractor: Jabal Hafeet Contracting



Socio Park Heights III, Dubai, U.A.E.

Client: Emaar Properties
 Consultant: Rice Perry Ellis (RPE)
 Main Contractor: Dubco Construction LLC



**Deira Waterfront
 Dubai, U.A.E.**

Client: Ithra Dubai
 Consultant: Design & Architecture Bureau (DAR Consult)
 Main Contractor: China State Construction Engineering Corporation LLC



Al Sahel Resort, Bahrain

Client: Al Sahel Resort
Consultant: DSA Architects/Next Engineering
Main Contractor: Al Sahel Contracting Company LLC



Al Mirfa Beach Villas, Abu Dhabi, U.A.E.

Client: Abu Dhabi Housing Authority
Consultant: Pioneer Engineering Consultancy LLC
Main Contractor: Combined Group Contracting CO.



Seven Residences - Palm Jumeirah, Dubai, U.A.E.

Client: Seven Tides LTD.
Consultant: Incorporated Consultants Conin
Main Contractor: Airolink Building Contracting LLC





Golf Groove Townhouses, Dubai Hills, U.A.E.

Client: Emaar Properties
 Consultant: U+A Architects
 Main Contractor: Parkway International Contracting LLC

Erec Bldg. No. 40, Dubai, U.A.E.

Client: Emirates Real Estate Corporation (EREC)
 Consultant: Ehaf Consulting Engineers
 Main Contractor: Airolink Building Contracting LLC



**Wasl 1 Park Gate Residences
 (Zone 1 - 4 Residential KIFAF) Zabeel Park
 Dubai, U.A.E.**

Client: AL Wasl
 Consultant: Arch Group
 Main Contractor: Saleh Construction



Dubai Hills, Dubai, U.A.E.

Client: Emaar Properties
 Consultant: BH.NS
 Main Contractor: Ginco General Contracting LLC



Golf Vita Residential Towers
Damac Hills, Dubai, U.A.E.

Client: Damac Properties
Consultant: Lacasa Architects &
Engineering Consultants
Main Contractor: CSCEC



MISK, Sharjah, U.A.E.

Client: Arada
Consultant: Arif & Bintok
Main Contractor: Intermass



Al Duaa Marina Tower, Dubai, U.A.E.

Client: MESC
Consultant: DXB Design Studio
Main Contractor: Modern Executive
Systems Contracting LLC



Al Raha Beach Residential Towers, Abu Dhabi, U.A.E.

Client: Link International Properties
Consultant: Pioneer Engineering Consultancy LLC
Main Contractor: Al Firas General Contracting



Jumeirah Park Villas
 (1,100 villas), Dubai, U.A.E.

Client: NAKHEEL
 Consultant: Dar Al Handasah
 Main Contractor: Various

Ras Al Hamra Development Project (80 Villas), Muscat, Oman

Client: Petroleum Development Oman
 Consultant: KEO International
 Main Contractor: Oman Shapoorji Construction

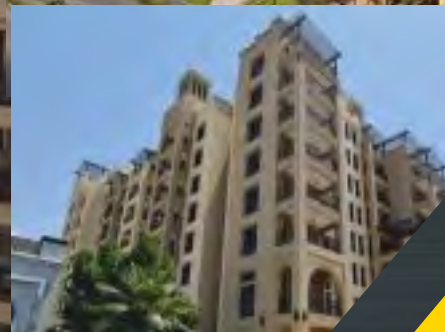


Sarab 101 Villas, Sharjah, U.A.E.

Client: Arada
 Consultant: Arcadia Middle East
 Main Contractor: Klampfer Middle East

Madinat Jumeirah Living
 Dubai, U.A.E.

Client: Dubai Properties
 Consultant: DSA Architects/Next Engineering
 Main Contractor: Al Sahel Contracting Company LLC





The Nest (99 villas), Wadi Al Safa, Dubai, U.A.E.
 Client: Al Barari Development Co.
 Consultant: Emkaan Engineering Consultancy
 Main Contractor: Sustainable Builder (Al Barari Development)



Foremarke School, Dubai, U.A.E.
 Client: Evolve Knowledge Investments
 Consultant: Brewer Smith Brewer Gulf

Ashjar-Al Barari Development, Dubai, U.A.E.
 Client: Al Barari Development Co.
 Consultant: Sustainable Builder (Al Barari Development)
 Main Contractor: Sustainable Builder (Al Barari Development)



Reach British School, Abu Dhabi, U.A.E.
 Client: Reach British School
 Consultant: FIRAS Engineering Consultants
 Main Contractor: NEXCON

Gems International School, Abu Dhabi, U.A.E.
 Client: Baniyas Investment & Development Co. LLC
 Consultant: National Engineering Bureau
 Main Contractor: Chicago Maintenance & Construction Co. LLC





ADNOC Bachelor Accommodation
(14 Buildings), Abu Dhabi, U.A.E.

Client: Abu Dhabi National Oil Company
for Distribution
Main Contractor: Target



Juffair Heights, Manama, Bahrain

Client: Dadabhai Development & Properties Management
Consultant: Habib Modara Arts & Architecture
Main Contractor: Dadabhai Construction



Al Forsan Hotel, Hooraa, Bahrain

Client: Mr. Fadel Mohd Al Bado
Consultant: Arab Architects Design & Consultant
Main Contractor: Al Qaed Contracting



Saadiyat Beach Apartments
(7 Blocks of Apartments)
Abu Dhabi, U.A.E.

Client: Tourist Development
& Investment Co.
Consultant: GHD
Main Contractor: Dhahi Contracting



MBR Golf Villas

Dubai Hills Estate, UAE

Client: Emaar Properties PJSC
Consultant: Al Basti & Muktha
Main Contractor: LACASA / BHNS Engineering



GOSI Residential Project

(400 Low Rise Towers and Villas), Jubail, Saudi Arabia

Client: Azmeel
Consultant: Sofcon



Spring Hills 1 & 2 Multi Storey Building

Juffair, Bahrain

Client: Abdul Chaffar Kooheji
Consultant: Arab Architects Design & Consultant
Main Contractor: Kooheji Contractors



Mina by Aziz, Dubai, UAE

Client: Azizi
Consultant: 360° degrees architectural design



Tala Bay Resort, Aqaba, Jordan

Client: Jordan projects for Tourism Development
Consultant: Mohammed Mahmoud Abu Afifa Office
Main Contractor: Aqaba Gulf Contracting Company



Mercedes Benz Central Showroom, Tubli, Bahrain

Client: Mercedes Bahrain
 Consultant: Map Design Co.
 Main Contractor: Dar Al Tasneen



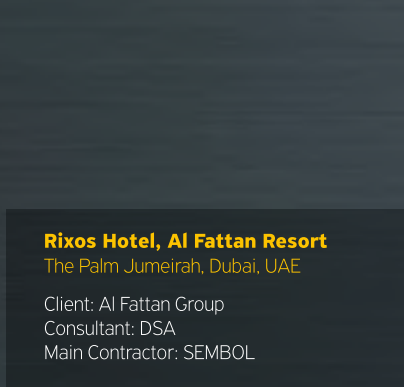
Gold & Diamond Park, Dubai, U.A.E.

Client: Emaar Properties PJSC
 Consultant: Robert Mathew, Johnson Marsal (RMJM)
 Main Contractor: Al Basti & Mukhta LLC



Ain Al Fayda Emirati Housing 2000 Villas

Al Ain, U.A.E.
 Client: Musanada
 Consultant: NPC
 Main Contractor: PAL



Rixos Hotel, Al Fattan Resort
 The Palm Jumeirah, Dubai, UAE

Client: Al Fattan Group
 Consultant: DSA
 Main Contractor: SEMBOL



Arab Open University - Al Haram Plaza
 Al-haram Plaza, Bahrain

Consultant: Arab Architects



Palm Views, Palm Jumeirah, Dubai
(2 Buildings of Residential Apartments)
The Palm Jumeirah, Dubai, UAE

Client: NAKHEEL
Consultant: Dar Al Handasah
Main Contractor: SS Lootah



Palma Residence, (104 Luxury Villas)
The Palm Jumeirah, Dubai, UAE

Client: NAKHEEL
Consultant: Dar Al Handasah
Main Contractor: Dubai Civil Engineering



Knight Bridge Mansion
Amwaj Island, Bahrain

Client: Mr. Abdul Aziz Buhajeeh
Consultant: United Engineering Co.
Main Contractor: Al Taitoon Contracting Co WLL



Al Yal Tower
Manama, Bahrain

Client: First Real Estate
Consultant: Arab Architects Design & Consultant
Main Contractor: Kooheji Contractors



Premier Inn Hotel
Abu Dhabi, U.A.E.

Client: Abu Dhabi Airports Co.
Consultant: DEWAN
Main Contractor: BAM International





American University of Iraq, Sulaimania, Iraq
 Consultant: Dar Al Handasah/ Perkins & Will

Luxury Tower 1
 (20 Storey Building), Juffair, Bahrain

Client: Mr. Ali Abdulla
 & Abdulla Zinj Transport
 Consultant: Arab Architects
 Design & Consultant
 Main Contractor: Al Zinj Transport



**Tadrous Building
 Commercial Complex**
 Amman, Jordan

Client: Modern Systems
 & Computer Trade Co.
 Consultant: Al Bouca'i Engineering
 Consulting Bureau
 Main Contractor: Modern Systems
 & Computer Trade Co.

Down Town Views
 Dubai Mall extension Dubai, UAE

Client: EMAAR
 Consultant: Arch Group
 Main Contractor: CSCESC- China State





Arab Open University
Amman, Jordan

Consultant: Consolidated Consultants Co.
Main Contractor: Muttah Co.



**Park Rotana Mixed Use -
Development Project 4
Buildings**, Abu Dhabi, U.A.E.

Client: Faithful Gould
Consultant: Al Salam
Main Contractor: Terna SA



Durrat Al Bahrain
(2,000 Luxury Sea Resort Villas & 3,600 Apartments)
Bahrain Island, Manama, Bahrain

Client: Durrat Al Bahrain - Government of Bahrain and Kuwait Finance House
Consultant: WS Atkins Partners Overseas
Project Manager: KMC & Bovis Lend Lease JV



Dubai Maritime City - Control Building
Dubai, U.A.E.

Client: ANWA Real Estate Development
Consultant: Arenco / Turner
Main Contractor: Arabtec



Raffles Hotel & Wafi Mall Phase Extension
Dubai, UAE

Client: MKM Commercial Holdings LLC
Consultant: Arif & Bintok
Main Contractor: Khansaheb Civil Engineering



Ramada Hotel & Suites

Amwaj Island, Bahrain

Client: Mannai Trading & Contracting SPC

Consultant: EPCOMain

Main Contractor: Mannai Holding



Al Barari Villas (320 Villas)

Dubai, U.A.E.

Client: ABWAB

Consultant: Arif & Bintok

Main Contractor: Al Naboodah



Golf Suites

Dubai, UAE

Client: EMAAR

Consultant: Khatib& Alami

Main Contractor: Parkway



Al Reem Tower G+M+24

Abu Dhabi, U.A.E.

Client: Sultan Bin Zayed Cultural & Media Center

Consultant: Al Meedan

Main Contractor: Emirates Link Maltauro



Twin Tower Residential Buildings

Sanabis, Bahrain

Client: Reliance Industries Ltd.

Consultant: MSCEB - Mohamed Salahuddin Consulting Engineering Bureau

Main Contractor: TERNA WLL



Specialized Technical Services Building

Amman, Jordan

Client: General Contracting Co.

Consultant: Diran Masri Sarar

Main Contractor: General Contracting Co.



City Hospital, Health Care City, Dubai, U.A.E.

Client: Welcare World Health Systems
Consultant: Sharafi PHB
Main Contractor: Al Ahmadiyah AKTOR



15 RENWICK Street, New York, USA

Developer: IGH-zaki Group Investments
Consultant: Frost Consulting
Main Contractor: Cava Construction
Architect: ODA Architects



**The Kilimanjaro
Hyatt Recency, Kempinski Hotel
Dar es Salaam, Tanzania**

Client: ASB Tanzania Ltd.
Consultant: ARD Singapore
Main Contractor: China Railway, Tanzania

**Royal Wings Hotel
Antalya, Turkey**



Blue Ridge (19 Towers G+25), India

Consultant: ECADI Fairwood
Main Contractor: Paranjape Scheme Contracting



Da'wah and Guidance Building, Ministry of Islamic Affairs

Riyadh, Saudi Arabia

Consultant: WMA Contracting & Project Management
Main Contractor: WMA Contracting & Project Management



Abu Ghazaleh Tower (G+7+36)

Sharjah, U.A.E.

Consultant: Al Emmar Engineering Consultant
Main Contractor: Darwish Engineering



Ruler's Court (Office Building Extension), Dubai, U.A.E.

Client: Government of Dubai
Consultant: Arif & Bintook
Main Contractor: Khansaheb Civil Engineering





Zara Center

Amman, Jordan

Consultant: Sigma Consultants

Main Contractor: IBSF Construction Co.



The Grand Tower, (39 storey building)

Seef, Bahrain

Client: Bin Faqeeh Real Estate Investment Co. SPC

Consultant: Arab Architects Design & Consultant

Main Contractor: Al Taitoon Contracting Co WLL

Kempinski Dead Sea (5 star)

Amman, Jordan

Client: United Saudi Jordanian CO.

Consultant: Perspective Design





Sustainable City (500 Villas)
Dubai, U.A.E.

Client: Diamond Developers
Consultant: Al Ajmi Engineering Consultants
Main contractor: JEET Contracting



Kempinski Aqaba, Jordan
Client: United Saudi Jordanian Co.
Consultant: Perspective Design

Qatar Navigation Showroom
Doha, Qatar

Consultant: James Cubitt & Partners
Main Contractor: Satal Contracting





Museum of Acropolis, Athens, Greece

Main Contractor: Aktor
Architect: Bernard Tschumi - Fotiadis



University of Bahrain, Bahrain

Client: Ministry of Works, Power & Water



Uniworld Head Quarters, Dubai, U.A.E.

Consultant: Kalavaal Architects
Main Contractor: Penta Construction

**FIVE PalmJumeirah Hotel
Dubai, U.A.E.**

Client: FIVE
Consultant: P&T Architects and Engineers
Main Contractor: China State Construction



BlueBay Walk (6 towers)

Dubai, UAE

Client: Sharjah Oasis

Consultant: NAGA

Main Contractor: High Star



RP Tower, (G+ 15 Storey Building)

Seef, Bahrain

Client: RP International Holding Company

Consultant: Salah Al Kooheji Consulting

Architects SPC

Main Contractor: Al Taitoon Contracting Co WLL



Al Jassim Tower

Doha, Qatar

Client: Al Jassim Real Estate & Asset Management

Consultant: AEB- Arab Engineering Bureau





Qatar Airways
Muscat, Oman

Client: Qatar Airways
Consultant: Ibrahim Jaidah
Main Contractor: Sakshy Engineering



Armada
Manama, Bahrain

Client: Armada Retail Concept
Consultant: Arabs Architects
Main Contractor: United Arab Construction



Akoya Oxygen Villas
Dubai, U.A.E.

Client: DAMAC
Consultant: ECC/KEO
Main Contractor:
Multiple Contractors

Suha Plaza Project, Manama, Bahrain
Client: Suha Investment
Consultant: Aref Sadeq Design Consultants
Main Contractor: Juma Construction





Maple Villas, (1800 villas)
Dubai Hills, U.A.E.

Client: EMAAR
Consultant: Arif & Bintok
Main Contractor: Trojan



Arch Hotel, Manama, Bahrain

Client: A. Dadabai
Consultant: Habib Modara art & Architecture
Main Contractor: HQ Construction

Special Economic Zone, Authority HQ Building
Duqm, Oman

Client: Special Economic Zone Authority
Consultant: Simon Engineering & Partners
Main Contractor: Hasan Juma Backer Trading & Contracting Co. LLC





Creek Rise
Dubai, U.A.E.

Client: EMAAR
Consultant: DAR
Main Contractor: Al Fara'a

Sultan Qaboos, Muscat, Oman

Client: Al Fardhan
Consultant: Ibrahim Jaidah Architect and Engineers
Main Contractor: Al Turki/ Tasnim



MBM Tower, Al Seef, Bahrain

Client: Mr. Mohammed Mussalam
Consultant: Gulf House Engineering
Main Contractor: Fundament



Deira waterfront
Dubai, U.A.E.

Client: Deira waterfront
Consultant: AE7, DAR Consultants
Main Contractor: Multiple Contractors





Juffair Residential Tower of Gulf Hotel
Manama, Bahrain

Client: Gulf Hotels Group
Consultant: ANSARI Engineering Services
Main Contractor: OLYMPIC Contracting



YAS Family HILTON Resort
Abu Dhabi, U.A.E.

Client: Miral
Consultant: WSP
Main Contractor: San Jose, Fibrex JV

Sidra Villas (more than 1.200 villas), Dubai Hills
Dubai, U.A.E.

Client: Emaar
Consultant: National Engineering Bureau/AL GURG
Main Contractor: GINCO/Torjan



Akoya Artesia, Dubai, U.A.E.

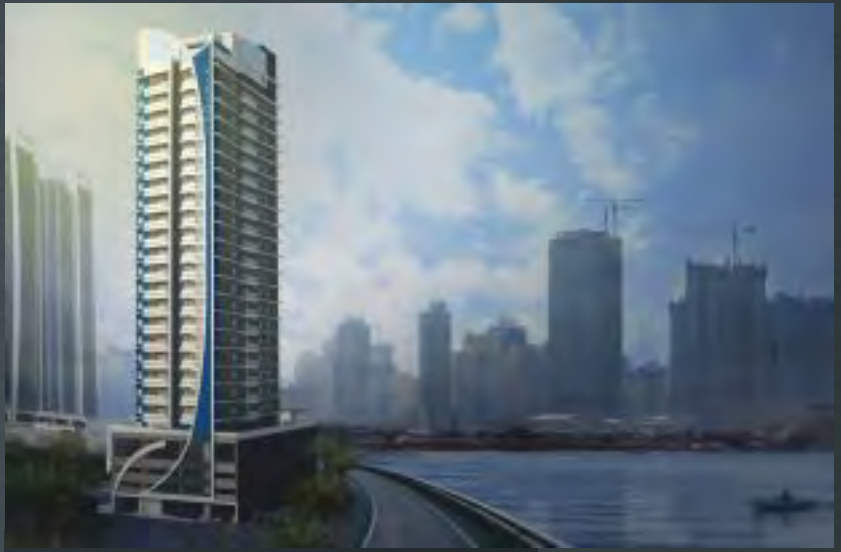
Client: DAMAC
Main Contractor:
China State Construction





Providence Tower, Manama, Bahrain

Client: Twahbit Properties
Consultant: Aref Sadeq Design Consultants
Main Contractor: Juma Construction



Vision Tower, Manama, Bahrain

Client: Tkuwaiti Bahraini Trading And Contracting Co
Consultant: Syrconsult International Planners And Consulting Engineers
Main Contractor: Almoayyed Construction

Al Mutahidah Qatar, Doha, Qatar

Main Contractor: Leighton Contracting Qatar WLL



Marina Gate 3, Dubai, U.A.E.

Consultant: Engineering Consortium Consulting Engineers
Main Contractor: ALEC

Tower Number 9 - Dubai Marina, Dubai, U.A.E.

Client: Select Group
Consultant: National Engineering Bureau
Main Contractor: ALEC





City Center Tower Bahrain, Jidhafs, Bahrain

Client: Mr. Mahmood Faqeeh
Consultant: Arabs Architects
Main Contractor: Al Taitoon Contracting Co WLL

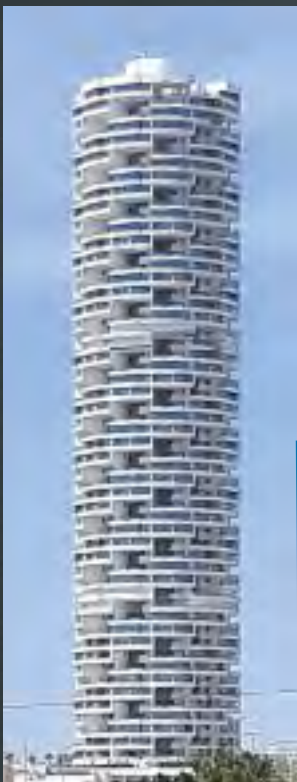


Marassi Shores
Manama, Bahrain

Client: Eagles Hills
Consultant: Gulf House Engineering
Main Contractor: Dadabhai Construction

S Plaza
Manama, Bahrain

Client: Mr. Saeed Radhi Ali Ahmed
Consultant: Syrconsult: International Planners
and Consulting Engineers
Main Contractor: HHC



FIVE Jumeirah Village Hotel
Dubai, U.A.E.

Client: FIVE HOTELS
Consultant: P&T Architects
and Engineers
Main Contractor:
China State Construction





**Upper Crest
Burj Khalifa**
Dubai, U.A.E.

Client: Damac Properties
Consultant: ZASPSE
Main Contractor: ANC

Fontana Garden Towers
(3 towers G+45 each) , Manama, Bahrain

Client: Kooheji Developers & Contracting
Consultant: Arab Architects
Main Contractor: Kooheji Developers & Contracting





**Golf Towers
Muscat Hills**
Muscat Hills, Oman

Client: Muscat Hills Development
Consultant: VIA International Engineering Consultancy LLC
Main Contractor: AZ Engineers

Tecom II Tower, Dubai, U.A.E.

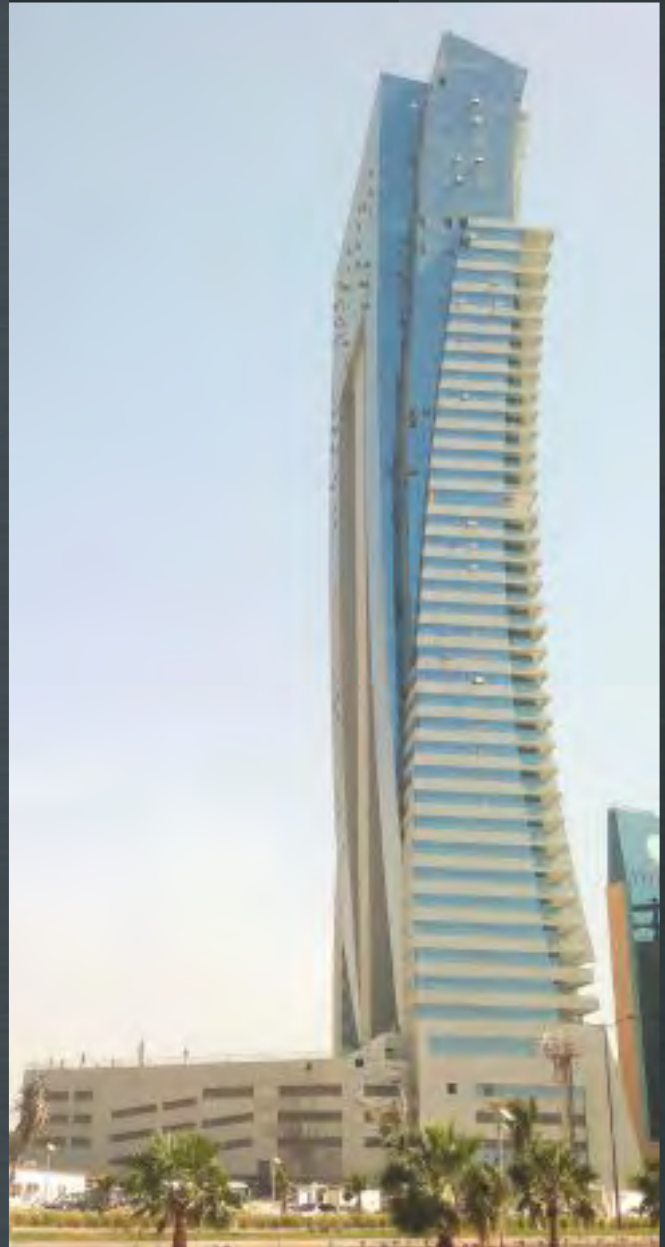
Client: Al Fahad Holding
Consultant: ACE: Associated
Consulting Engineering Intl.
Contractor: Khalifa Alfahad
Contracting Co.



Al Jawharah Tower

G+54 (2nd Tallest tTower in Jeddah)
Jeddah Corniche, Saudi Arabia

Client: DAMAC
Main contractor: Drake & Scull





Havelock City Tower, Colombo, Sri Lanka

Consultant: Design Group Five International
Main Contractor: International Construction Consortium



AKOYA G+7 Golf Apartments
Dubai, U.A.E.

Client: Damac Crescent Properties LLC
Consultant: Various
Main Contractor: ASCON

Akoya Golf Villas, Dubai, U.A.E.

Consultant: AECOM
Main Contractor: Various



NOOR Tower
Doha, Qatar

Client: Royal Group
Consultant: James Cubitt and Partners
Main Contractor: Oriental Enterprises Contracting



ON320, Colombo, Sri Lanka

Main Contractor: SANKEN



Porta Reef

(3x10 storey Buildings)
Reef Island, Bahrain

Client: ADIH
Consultant: Scott Wilson



S Hotel

Al Manama, Bahrain

Client: Mr. Saeed Radhi
Consultant: Bahrain Engineering Bureau
Main Contractor: Al Taitoon Contracting



Al Zahia Phase II

(197 villas), Sharjah, U.A.E

Client: Sharjah Holding
Consultant: Khatib & Alami
Main Contractor: Al Qabdah



101 Worli Residences
Mumbai South, India

Client: ENPAR





IBIS Hotel, Amman, Jordan

Client: Actions Hotel
Consultant: Consolidated Consultants Engineering Environments Co.
Main Contractor: Mo'ata Contractors Co.



**Dannat Al Emarat
Abu Dhabi, U.A.E.**

Client: Premium Hospital
Main Contractor: TERNA S.A.

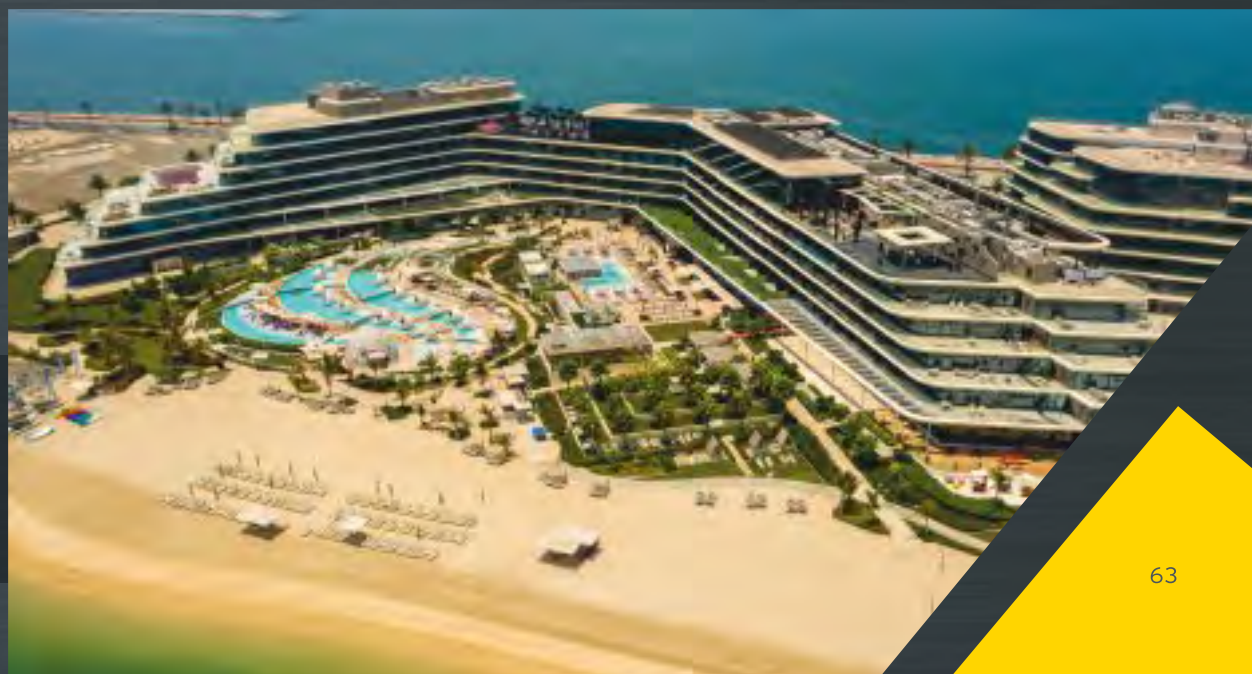
**Seventh Heaven Phase II
Dubai, U.A.E.**

Client: Al Barari Firm Management LLC
Consultant: WSP Middle East (Dubai)
PHB Consultant
Main Contractor: Sustainable Builder (Al Barari Development)



**W Hotel The Palm Jumeirah
Dubai, U.A.E.**

Client: Al Sharaq Investment LLC
Consultant: Robert Mathew, Johnson-Marsal (RMJM)
Main Contractor: Al Futtaim Carillion LLC



Warsan Villas, Dubai, U.A.E
Client: Nakheel Co. LLC
Consultant: Ae7
Main Contractor: Ginco Contracting



Nawras Commercial Centre
Muscat, Oman

Client: Osool Gulf Investment Company
Consultant: Al Sagf Engineering Consultants
Main Contractor: Unique Contracting Co. LLC



Al Zamil Suites, Seef, Bahrain

Main Contractor: Al Taitoon Contracting Co WLL



Radisson Blu Hotel, Aqaba, Jordan

Client: Moon Beach for Tourism and Investment
Consultant: Sigma Consulting Engineers
Main Contractor: Al Fadel Engineering & Contracting

EN SEPTEMBER 2021

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