

EFP International B.V.
ARCHITECTURAL ALUMINIUM SYSTEMS
The Netherlands

EFP
European Facade Products



Company overview...

About EFP

EFP International B.V. , based in The Netherlands, is a specialist in the design, development and production of architectural aluminium profile systems under the brand name EFP European Facade Products. These include a wide variety of systems for **curtain walling, skylights, aerofoils, louver, sunshades, windows, doors, sliding windows and doors** and special systems for **cladding substructures**.

History

With more than 45 years' experience in the system business EFP developed from a one man band into a full-fledged system supplier with a substantial market share in the Europe, the Middle East, India, Pakistan and Africa. Back in 2003 Mr. Bram Hannessen, founder and sole owner of the company, started the business from a wooden cabin in his backyard.

Step by step he developed systems which are fully dedicated to the local market circumstances. As business grew rapidly he created a team of engineers, designers and salesmen around him and the company became one of the major players in the GCC countries. Today the company has its own office, warehouse and test & training centre at a new developed industrial area in Marum, The Netherlands.

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*“EFP brings
European technology
to local suppliers”*

.....



EFP headquarters in Marum, The Netherlands



Sustainable...

Today's world calls for us all to be more conscious of our environment. In 2015 the world recognized this by signing the Paris Agreement. The Paris Agreement directly affected the construction industry by demanding that buildings become more thermally efficient. With these demands longevity, thermal efficiency, sustainability and recyclability are now critical factors in construction.

Why aluminium...

Aluminium provides a unique solution for today's construction needs. Aluminium is light, strong, durable and flexible which provides tremendous potential for achieving even the most demanding design brief. Two-thirds of the energy required to extract aluminium is supplied by environmentally friendly, hydroelectric power. Couple this with the recyclability of aluminium and aluminium is the ideal choice for windows, doors and façades.

Longevity...

Unlike some alternative building materials, aluminium offers an almost unlimited life expectancy. A notable example of this is the Statue of Eros in London's Piccadilly Circus, which has only just been cleaned and renovated,

and The Empire State Building, the latter being the first building to use anodised aluminium. Aluminium does not age like other organic materials and needs no protection from ultra-violet light.

Aluminium can be polyester powder coated or anodised to a variety of colours, which enhances the material's natural durability.

EFP's powder coaters guarantee their finishes for 25 years and anodisers for 30 years!

Sustainability...

The recycling process now produces high quality aluminium, which is very cost effective and can be carried out on an indefinite number of occasions without impairing the quality in any way. It is a very durable material and has very low maintenance requirements, therefore reducing the whole-life cost. It is long lasting and can withstand the ravages of the most extreme conditions. Aluminium is an excellent material to use in marine and coastal environments, as the effect of sodium chloride is minimal. Sustainability concerns are alleviated by the knowledge that we have at least 300 years of known reserves of the raw material, Bauxite, and this does not allow for the fact that 70% of all aluminium

used is recycled at the end of its product life. Thus, with an ever increasing proportion of recycled material in use, aluminium can be accurately described as the ultimate sustainable material.

Recycling check list...

The recyclability of aluminium – one of its unique properties along with strength, durability and corrosion resistance – has led to its increased use in construction over recent years. Used aluminium is valuable and is easily and endlessly recycled without quality loss.

The material is very rarely 'lost' entirely because of this.

EFP green...

Reducing energy consumption to zero was taken into account in the design phase of the newly built EFP headquarters. The roof has been designed in such a way that optimal use can be made of 112 solar panels which are fully integrated in the roof. In addition, special attention was paid to the optimal insulation of the entire building and all rooms are equipped with LED lighting. Two heat pumps are used to create an optimal indoor climate and warm water supply.



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21-CMP11

EFP
European Facade Products



...EFP reassurance

It doesn't matter in which market you are active, EFP can look back on years of experience in most sectors. From student houses to explosion-proof government buildings.

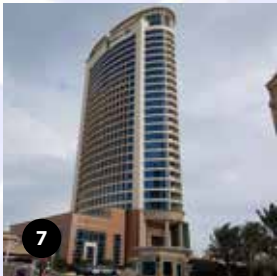
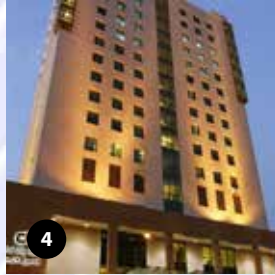
EFP has a team of dedicated structural engineers who can provide architects and designers with solutions to the most complex architectural issues at an early stage. An extensive portfolio of various objects is at your disposal, both standard and complex customised solutions!



Nakheel Tower, Riyadh-KSA

.....
“Active in every market”
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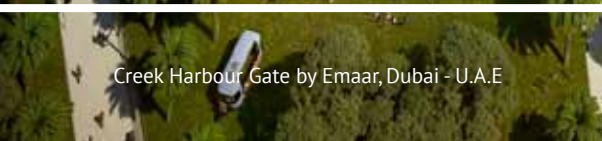




1. Kaden Business Park, Riyadh - KSA
2. Gulf Hotel, Manama - Bahrain
3. Novotel, Riyadh - KSA
4. Dalal City Hotel, Salmiya - Kuwait
5. Hyatt Regency, Riyadh - KSA
6. Park Regis Hotel, Birmingham - U.K.
7. Hilton, Doha - Qatar
8. Yotel, Amsterdam - The Netherlands
9. Rosh Rayhaan, Riyadh - KSA
10. Centro Hotel, Dubai - U.A.E.
11. Crowne Plaza, Cochin - India
12. Fraiser Suites, Riyadh - KSA
13. Sofitel, Mumbai - India
14. Fairmont, Riyadh - KSA **Blast Resistant System**

Hotels, offices and hospitality

...EFP reinsurance



Creek Harbour Gate by Emaar, Dubai - U.A.E



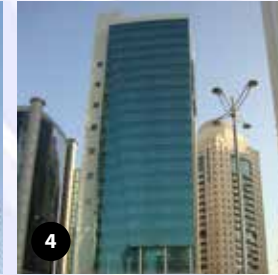
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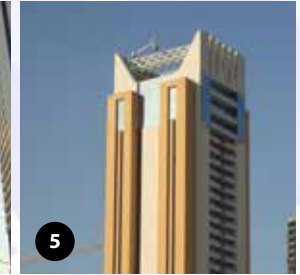
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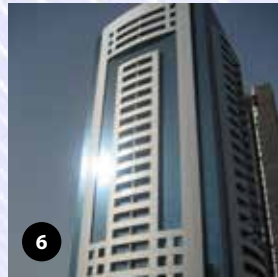
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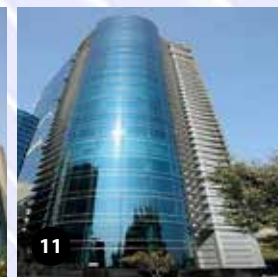
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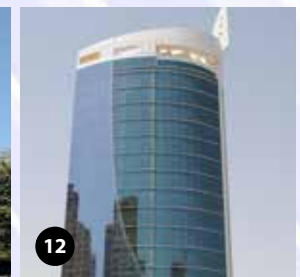
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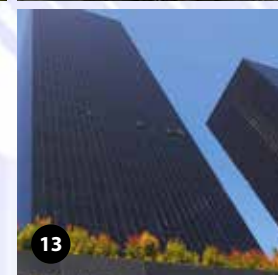
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13



14

1. Nakheel Tower, Riyadh - KSA
2. Majdoul Tower, Riyadh - KSA
3. Damac Twin Towers and Obeikan Tower, Riyadh - KSA
4. Al Asiri Tower, Doha - Qatar
5. Al Seal Tower, Doha - Qatar
6. Regency Tower, Doha - Qatar
7. Al Jazeera Tower, Doha - Qatar
8. Sun Court Towers, Noida Delhi - India
9. Dolphin Tower, Doha - Qatar
10. Fahad Al-Salem Kuwait Building - Kuwait
11. Sky One Tower, Pune - India
12. FS1 Building, Manama - Bahrain
13. Trump Towers, Pune - India
14. Creek Harbour Gate, Dubai - U.A.E.

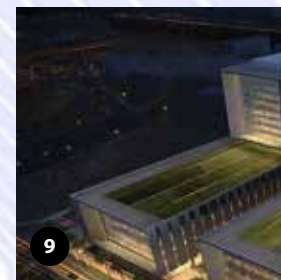
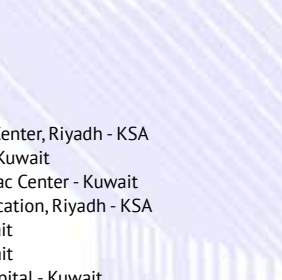
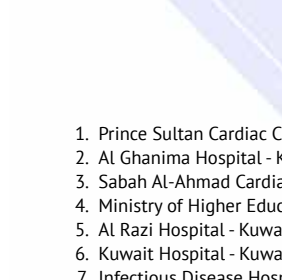
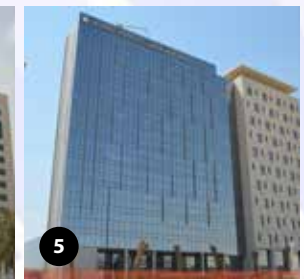
High rise buildings



1. Sheikh Abdullah Al Salem Cultural Centre - Kuwait
2. DIFC Gateway, Dubai - U.A.E.
3. Khiran Outlet Mall, Sabah Al Ahmad Sea City - Kuwait
4. Costa Coffee, Ipswich - U.K.
5. Expo 2020, Dubai - U.A.E.
6. Arabsat, Riyadh - KSA
7. Al Sadd Sports Stadium, Doha - Qatar
8. Khiran Outlet Mall, Sabah Al Ahmad Sea City - Kuwait
9. Tesco Superstore, London - U.K.
10. World Trade Centre, Pune - India
11. Univeristy Sport Hall, Durham - U.K.
12. King Fahad National Library, Riyadh - KSA
13. Dareen Commercial Complex, Jubail - KSA

Sports, leisure and lifestyle

...EFP reinsurance



1. Prince Sultan Cardiac Center, Riyadh - KSA
2. Al Ghanima Hospital - Kuwait
3. Sabah Al-Ahmad Cardiac Center - Kuwait
4. Ministry of Higher Education, Riyadh - KSA
5. Al Razi Hospital - Kuwait
6. Kuwait Hospital - Kuwait
7. Infectious Disease Hospital - Kuwait
8. Urology Centre - Kuwait
9. Kuwait Cancer Center - Kuwait
10. PTET Telecom Tower, Islamabad - Pakistan
11. Weymouth Fire Station - U.K.
12. Police HQ, Ahmadi - Kuwait

Governmental and Hospitals





1. Chennai International Airport, Chennai - India
2. King Khalid International Airport Expansion, Riyadh - KSA
3. Doha Airport arrivals, Doha - Qatar
4. Hamad International Airport car rental, Doha - Qatar
5. General Civil Aviation Authority, Abu Dhabi - U.A.E.
6. Doha Airport, Doha - Qatar
7. Farnborough Airport, Hampshire - U.K.
8. London Southend Airport - U.K.
9. Arar Airport - KSA
10. Al Maktoum International Airport, Dubai - U.A.E.

Airports



One stop shop

EFP Systems:

- Regular Curtain Walling (Stick build)
- Skylights
- Unitised Curtain Walling
- Louver and Sunshade Blades
- Windows & Doors
- Sliding Windows & Doors
- Lift & Slide Doors
- Folding Doors
- Ventilated Facade Substructures



Hyatt Regency, Riyadh - KSA

Rosh Rayhaan Hotel, Riyadh - KSA

Regular Curtain Walling

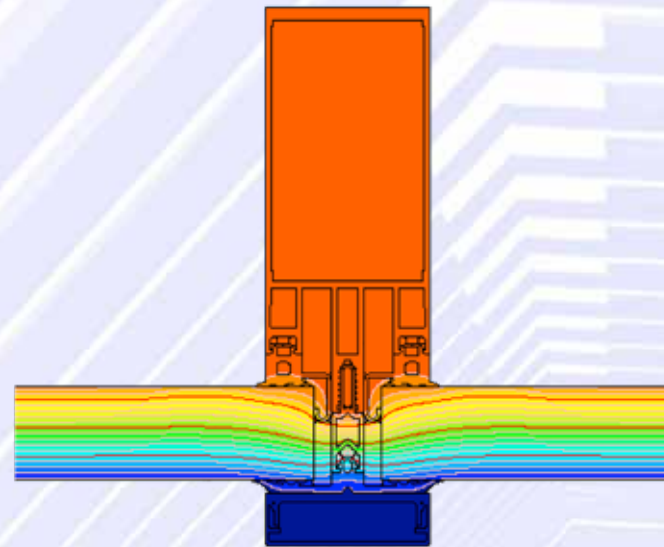
The EFP 50 Regular Curtain Wall Systems are specially designed for the local conditions. The whole system is fully mullion drained and pressure equalised. This means that the EFP 50 Regular Curtain Wall System is designed to allow small amounts of water entering the system, but special developed components such as drainage diverters are designed to allow water drain to the exterior. With an extensive range of profiles and accessories, EFP 50 Regular Curtain Wall Systems is one of the most comprehensive curtain walling ranges on the market today.

The system is constructed from extruded aluminium profiles, using alloy 6063 complying the requirements of BS 1474. The thermally broken EFP 50 Regular Curtain Wall Systems helps in conserving energy, reducing condensation and provides a barrier for noise pollution.

Noise pollution affects both health and behaviour and becomes more and more problem. Depending largely upon the glass specification, generally the framing reduces the figure by 2dB (A).

The thermal transmittance (U_f in $W/m^2 K$) is depending on several factors and materials. EFP 50 Regular Curtain Wall Systems are calculated with BISCO software as per EN ISO 10077-2.

Air infiltration, water tightness, wind resistance, are engineered and tested according the highest standards at major testing institutes.



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*“Also available as
EFP 60 mm RCW!”*

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Stick Regular Curtain Walling

EFP 50 & 60

Creating facades of distinction, coupled with design reassurance from the first stroke of the pencil, is the desire of even the most innovative practice. EFP International B.V. delivers the capability with its **EFP 50 & 60 Regular Curtain Wall Systems** and its fully integrated EFP 55 Window Systems.

Minimalist lines through sheer glazed facades is a design requirement. EFP 50 & 60 Curtain Wall Systems has been developed to provide specifiers with a range of transoms and mullions with a 50 or 60 mm sight line. Where the facade demands multi-storey spans and performance, a range of high static value mullions achieve the design brief, keeping the same 50mm sight line.

EFP Regular Curtain Walling includes options for 4-sided structural glazing; 2-sided structural glazing with horizontal or vertical capping and concealed vents.

For segmented curtain walls, corner mullions are adjustable from 7.5° to 165° in EFP 50 & 60 Curtain Wall System. This means that roof glazing applications, such as barrel vaults, pyramids, domes and sloped glazing can be achieved.

Glass, mirrored, tinted or opaque, provides the facade with feature and distinction; incorporating panels can also add to the facade. To allow panels and glass of different widths to integrate into the same curtain wall, without the need to step-cut, EFP have specifically designed a range of gaskets and pressure plates to provide glazing options from 3mm to 56mm. EFP develops with the demands of design: new profiles are continually added and tested to the highest standards. This approach delivers the most innovative design brief coupled with reassured performance.

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“Present in the Gulf since 2005, hence almost 1000 prestigious projects in our portfolio”

.....

Regular Curtain Walling

Ladder frame

Ladder frame can be assembled in the factory and transported to site in modules or ladder frames. Step cut transoms are fixed to mullions, with optional brackets, with self-tapping screws. Punch tooling and jigs are available to create the necessary fixing holes on the mullion and transom.

Expansion mullions (split-mullions) are also available for expansion purposes or to offer a semi-unitised system reducing installation time.

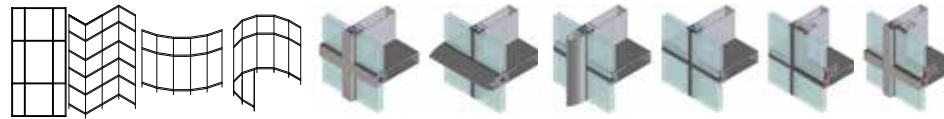
Sealing

The inner seal is the most important seal to avoid air and water entering the building. The system is designed to allow small amounts of water to enter. However, the water must drain out. Special components, known as drainage diverters, are designed to drain the water out of the system. Sufficient drainage slots and pressure equalisation slots must be provided into the pressure plates, pressure-plate gaskets and cover caps. These are dependent on size and configuration. Please refer to EFP's Technical Department for project-by-project advice.

EFP 55 Concealed Vents

Vents are available for standard capped as well as for 2 or 4 sided structural glazed curtain wall.

Vents with a height of 2400 mm are even possible. The appearance, with the 20mm recessed joint will be the same like Regular Curtain Walling!



Glass thickness	2mm up to 68mm; glazing according BS 6262
Drainage	mullion drained and pressure equalised as specified in BS 6262
Thermal insulation	class 2.1 in accordance with EN ISO 10077-1
Sound reduction	Depending largely upon the glass spec, the frame reduces the figure about 2dB(A)
Wind resistance	- 2400 Pa design - 3600 Pa safety - according BS EN 13116
Water tightness	up to 750 Pa; Class RE 750 according BS EN 12154
Air infiltration	up to 750 Pa; Class AE 750 according BS EN 12152



EFP 50 & 60 Regular Curtain Walling

The solid base of the development of the architectural systems from EFP is the **EFP 50 & 60 Curtain Wall System**. This thermally insulated system combines European technology and design according to the high demands of present modern building construction.

This proven system enables the construction of attractive sloped and inclined curtain walling, this with the benefits of slim sightlines.

EFP offers architects and specifiers solutions with time proven reassurance. Design flexibility is at your finger-tips which offers performance beyond the capability of existing systems. When rigorously tested to the latest European and CWCT standards at Taylor Woodrow International, the EFP curtain wall passed with a test pressure of 750 Pa for both water and air infiltration.

The EFP 50 Regular Curtain Wall System consist of many state of the art options within one façade structure.

Well known is the fully capped range **EFP 50 RCW**. The smallest sightline can be achieved by using our special, double chamfered, 50mm wide cap providing a minimal visible face of 16mm. These standard cover caps have a typical edge radius of 1.5mm for even distribution of the powder coating layer. A wide range of cover-cap features is available, even with special features like LED-light channels, bull noses, wings, from 13mm up to 550mm! For further information, please consult our head office in The Netherlands.

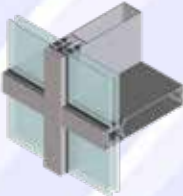
Air permeability:	Pass 750 Pa
Water tightness:	Pass 750 Pa
wind resistance:	Pass 2400 Pa, Safety 3600 Pa

Design flexibility increases with options for 2 sided structural silicone glazing (**EFP 50 TSH and EFP 50 TSV**) with vertical or horizontal sight lines. A bespoke finish can be achieved through using a variety of cover caps. Thermally efficient dependent on the selection of vertical or horizontal lines at the structurally glazed side and is achieved with a 20mm EPDM gasket or silicone joint gasket. This joint can also be done with a silicone sealant. The both vertical and horizontal options use standard 50mm profiles as in **EFP 50 RCW** series.

EFP Regular Curtain Wall Appearances

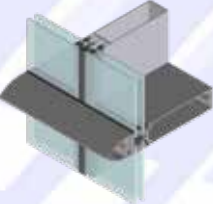
RCW

Capped Horizontally and Vertically



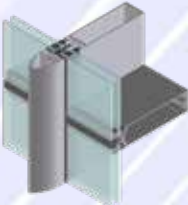
TSH

Two Sided Structural Silicon Glazing,
Horizontal Cap



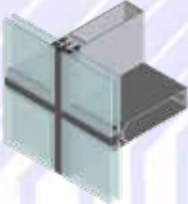
TSV

Two Sided Structural Silicon Glazing,
Vertical Cap



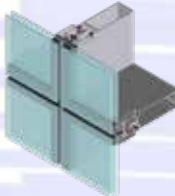
FSS

Four Sided Structural Silicon Glazing

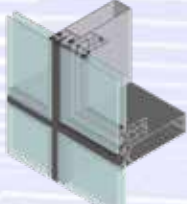


SU

Semi Unitised (sub-frame four sided
structural silicon glazed)



Concealed Curtain Wall Window
(for all types)



Expansion (split) Mullion



Fixed on Steel solutions



European Facade Products



Skylights

The architect's choice...EFP's solution

Further to the EFP 50 Regular Curtain Wall Systems EFP developed a complete Skylight System. The combination of rafters, transoms and dome ridges creates the concept! EFP Skylights are special developed for the use without any steel support structure. EFP made an elliptical sphere with a major axis of 21 meters!

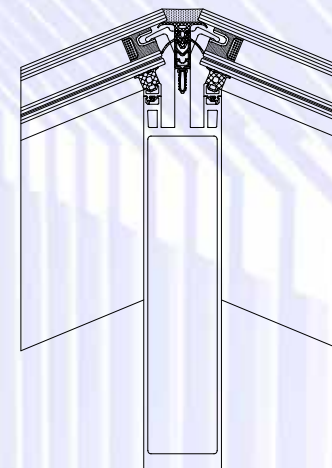
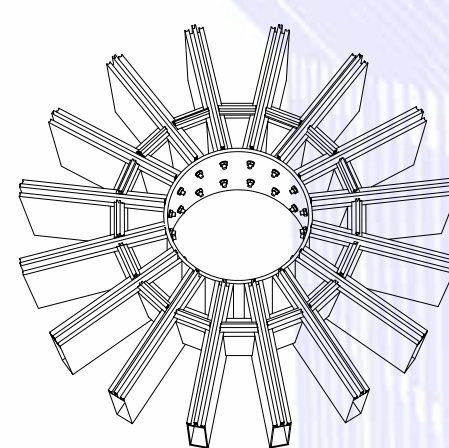
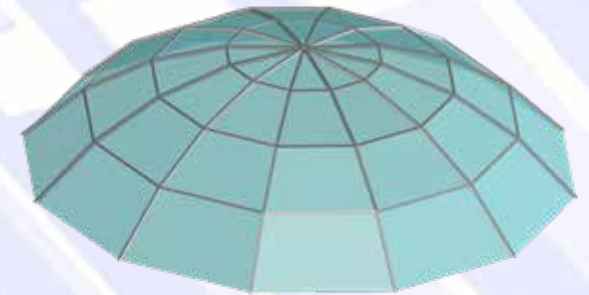
Skylights allow for natural light to penetrate through the roof. The tried-and-tested EFP Skylight Systems allow for customizable variable designs to be executed efficiently and reliably, either structurally glazed or with cover caps.

The main advantages of our skylight systems are:

- Variable glass thickness.
- Completely compatible with EFP curtain walls.
- 50mm face width profiles.
- Possibility of having operable vents.



King Saud University Riyadh, K.S.A



“The main tool for an architect...light”

Unitised Curtain Walling

Modern

Today, construction requires faster lead times, construction costs and failure costs must to be reduced and the number of staff on the construction site must be kept to a minimum. The combination of these factors has led to the development of the EFP 65 Unitised System, a system in which the artistic design freedom of the architect has almost no limits. An experienced team technicians is at your service to develop the optimum! Knowing that the EFP 65 Unitised System consists of elements that are manufactured in a conditioned and controlled environment with the use of specialised machines and where the elements are glazed, hence the chance of errors is minimal. The logistical advantages are also very large, the elements can be delivered to the construction site in accordance with the Just-In-Time principle, where it can be installed with a minimum number of people. This allows a team to install more than 300m² per day! And that without using expensive scaffolding and special cranes. The sky is the limit!

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*EFP is exclusively selling
to approved and trained
fabricators only*
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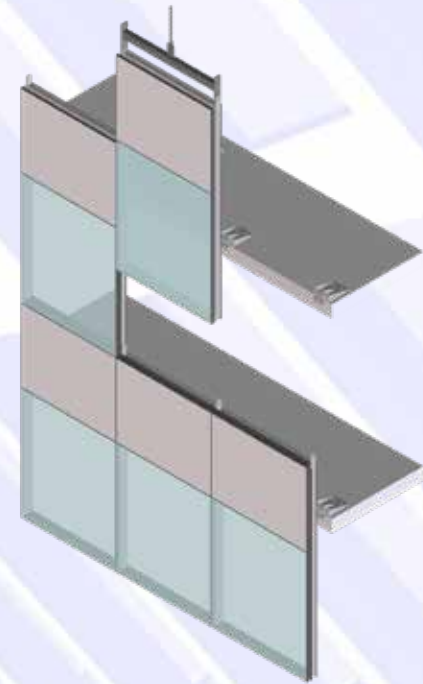


Unitised Curtain Walling

Design

The EFP 65 Unitised System enables the construction of an attractive and with a high degree of freedom in design, curtain walling. This with the benefits of vertical and horizontal sightlines of 15mm only! The thermally broken system is fully drained and pressure equalised and consists of 65mm wide mullions and transoms. Various external features such as cover caps, integrated canopies and stone panel solutions are available for the system. Integrated concealed windows are designed to create possibilities of natural ventilation without showing any visible window bars.

3 barrier system

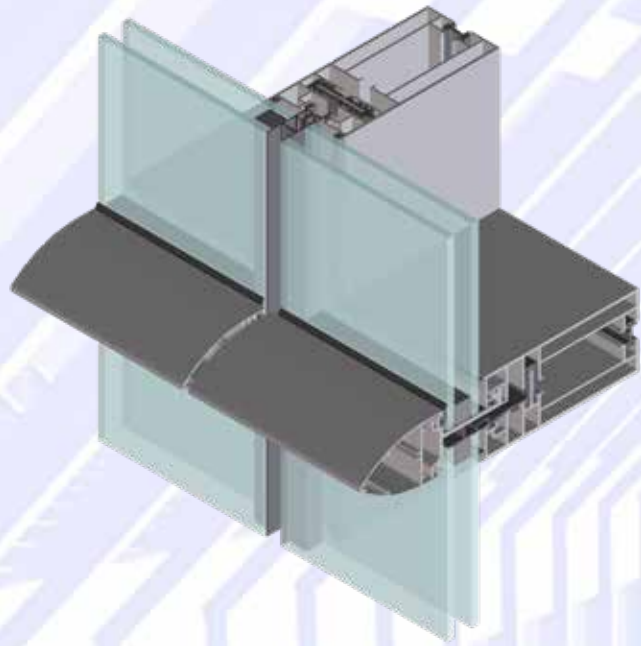


Glass thickness	24mm up to 68mm; glazing according BS 6262
Drainage	mullion drained and pressure equalised as specified in BS 6262
Thermal insulation	class 2.1 in accordance with EN ISO 10077-1
Sound isolation	Depending largely upon the glass spec, the frame reduces the figure about 2dB(A)
Wind resistance	- 2400 Pa design - 3300 Pa safety - according ASTM E 330
Water tightness	up to 1200 Pa cyclic pressure (AS/NZS 4284) and static according ASTM E 331
Air infiltration	According ASTM E 283

Unitised Curtain Walling

Proven

- Factory made units to get optimum quality
- Short installation time with minimum site staff
- 3 barrier, drained and pressure equalised system
- Thermally insulated
- Rigid frames, crimped corners so minimal use of sealant required
- Unique 3-way adjustable wall/floor bracket
- Tested and certified
- Bespoke solutions
- Floating system



New! Unitised Dry Glazed Series



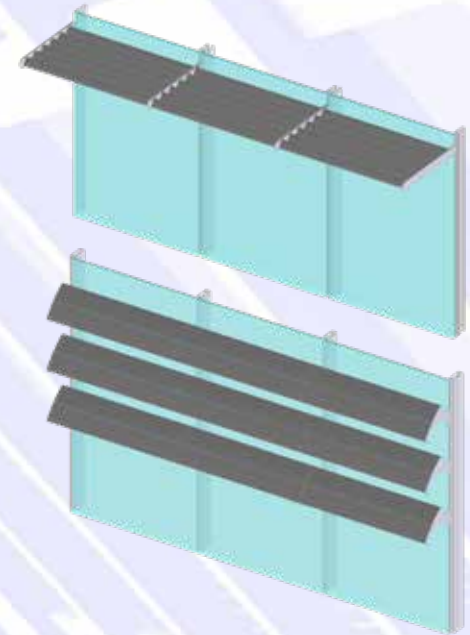


Louver and Sunshade blades

Comfort

Not only from an esthetic point of view, but one of the most important challenges nowadays in buildings is controlling and optimising the natural daylight. By implementing the EFP Louver & Sunshade Systems you will limit the building's solar heat gain and reduce the energy consumption due to air-condition. The EFP Louver & Sunshade System offers a wide range of blades and brackets with a variety of shapes and sizes to meet specific building requirements and increase the aesthetics of the façade. Hollow blades in an elliptical look from 100mm till 600mm!

The EFP Louver & Sunshade blades can be fully integrated into EFP Curtain wall systems, either Stick or Unitised. Project solutions with total design flexibility!



Police HQ Al Ahmadi, Kuwait

FSDB Fire Service Directorate Building, Kuwait

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“Over 50 standard types available”
.....

Window and Door Systems

The range

The EFP aluminium window and door range is designed to take into account the needs of the users of aluminium windows and door systems for now and in the future.

The users are the designing specifiers and architects who care about delivering an aesthetic solution with a long term performance and the end user wants a building that will stand the test of time.

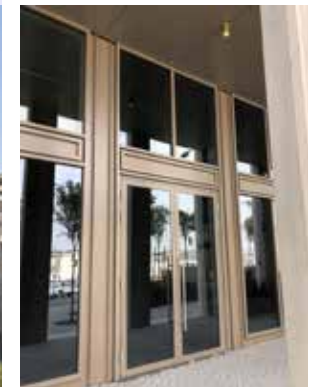
The EFP range includes all window configurations, such as side-hung, bottom-hung, top-hung, horizontal and vertical pivot, tilt and turn, top-swing reversible and sliding. EFP Window and Door Systems fully integrates with its Curtain Walling Systems.







Various window types can be constructed. Like fixed lights, side-top and bottom hung with butt hinges or friction hinges/stays. Double casement (French windows) open in or open out, vertically and horizontally pivoting windows are available within these systems. The smallest sight line of 45mm can be achieved when selecting a hidden vent. Various door types can be constructed. Like single or double hinged, swing and automatic doors.

Hardware

EFP Windows and Doors Systems utilises **EFP hardware** and optional state of the art brands like Siegenia and Giese. The euro groove gives an almost unrestricted choice of hardware.

Polyamide glassfibre reinforced thermal break



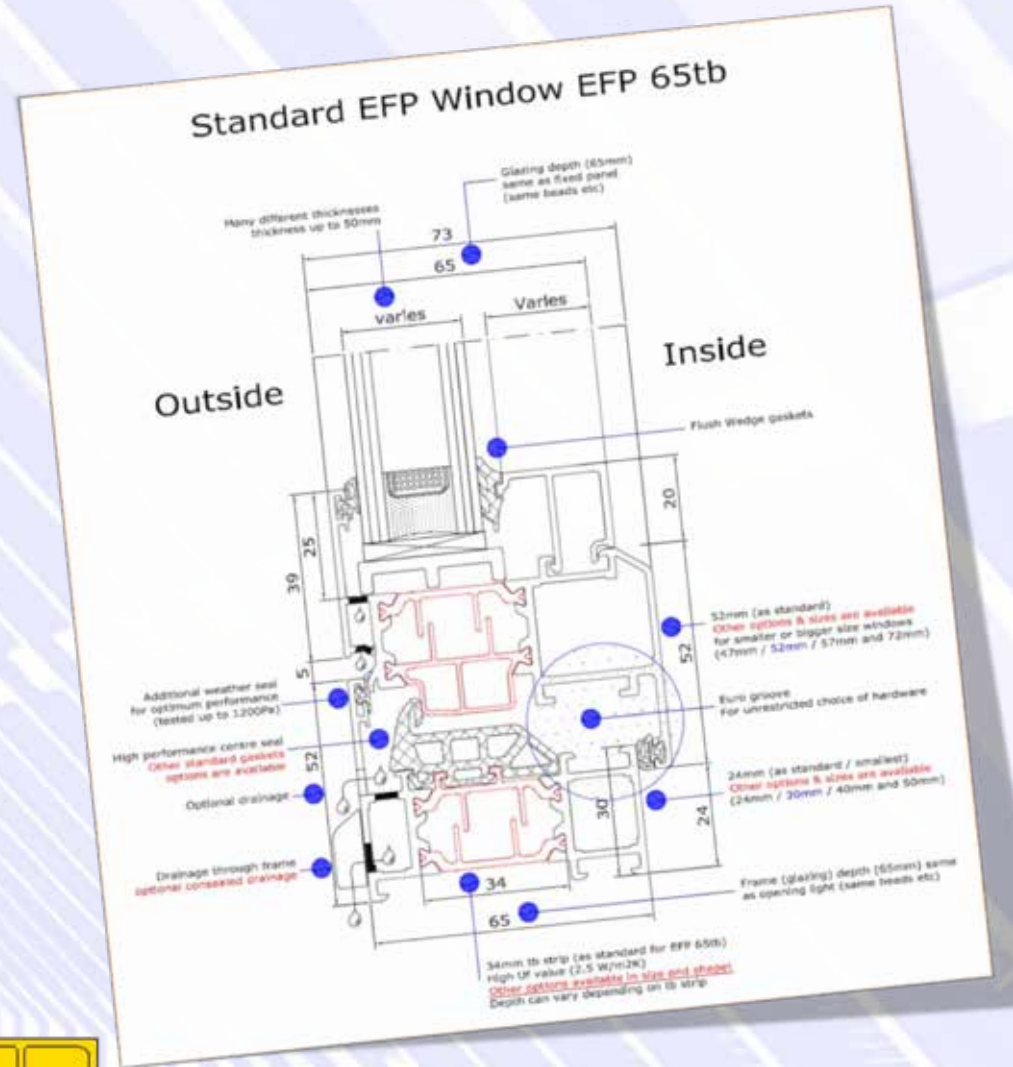
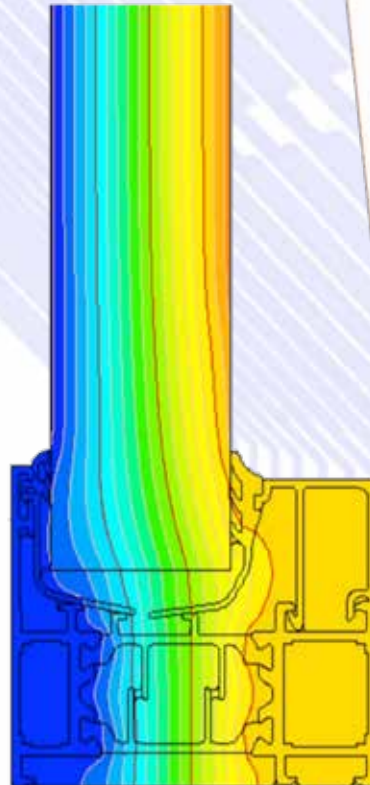
	EFP 55	Windows EFP 55 tb	EFP 65 tb	EFP 55	Doors EFP 55 tb	EFP 65 tb
						
Glass thickness up to	40mm	40mm	50mm	40mm	40mm	50mm
Drainage	Pressure equalised and drained system					
Thermal insulation	EFP55 tb Class 2.1 (2.0-2.8 W/m ² K) and EFP65 tb Class 1.0 (< 2.0 W/m ² K) according EN ISO 10077-1					
Sound reduction	Depending largely upon the glass spec, the frame reduces the figure about 2dB(A).					
Wind resistance	2000 Pa design / 3600 Pa safety, Class C5					
Water tightness	Class E 1200					
Air infiltration	Class 4					



Window & Door Systems

Thermal performance

Wall openings are thermal weak points in building envelopes. EFP is fully adapted to the cold climate and has the knowledge in sophisticated energy efficiency, designing and engineering to ensure compliance with today's stringent performance requirements.



Sliding Window & Door Systems

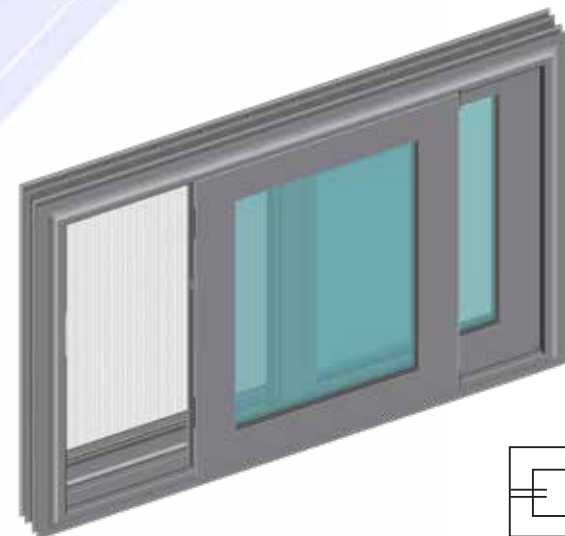
Slide, Lift & Slide and Folding

Sliding windows are a modern solution for the increasing demand for wider openings and clear sightlines. EFP Sliding Systems offers a complete range of slide, tilt&slide and folding doors. High-quality insulation, attractive design and simplicity are the most important criteria for sliding windows, sliding doors and lift&sliding doors. By using high-quality materials and state of the art hardware, we guarantee stability, safety and a long service life.

To increase comfort, the systems can be equipped with integrated mosquito screens.

The system is very suitable for high rise buildings thanks to the special developed interlock and excellent thermal insulation properties.

.....
*Watertight up to
a pressure of 600 Pa*
.....

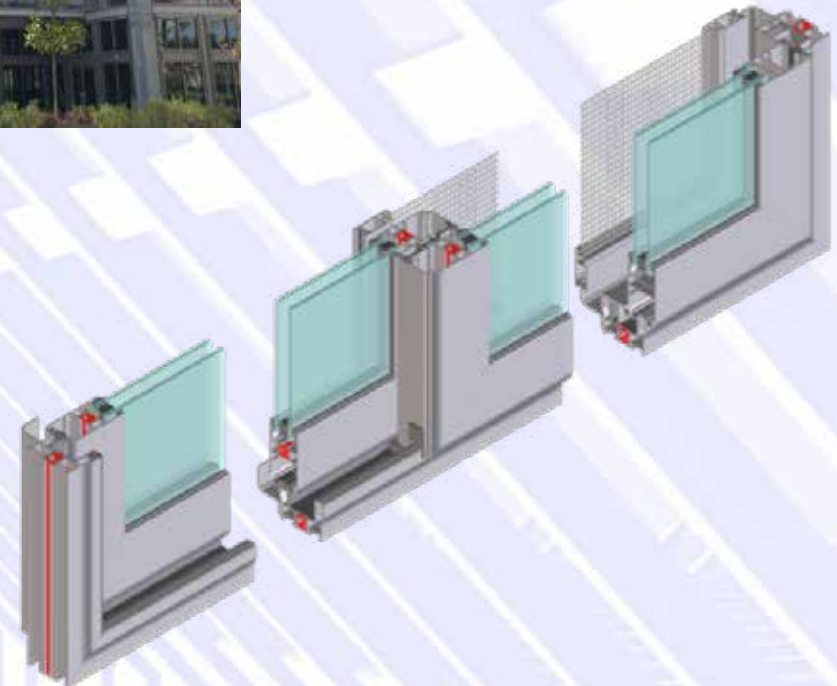


EFP
European Facade Products

Sliding Window & Door Systems



Sabah Al Salam Residential Towers, Kuwait



	35/35 tb*	38/38 tb	48 tb	55 tb	55 tb lift & slide*
Glass thickness up to	24 mm	26mm	36mm	43mm	43mm
Drainage	Pressure equalised and drained system. Frame and gutter drainage				
Wind resistance (EN 12210)	Class C3**	Class C3**	Class C3**	Class C3**	Class C3**
Water tightness (EN 12208)	Class 7A 300 Pa	Class 7A 300 Pa	Class 9A 600 Pa	Class 8A 450 Pa	Class E1000 1000 Pa
Air infiltration (EN 12207)	Class 2, 300 Pa	Class 4, 600 Pa	Class 3, 600 Pa	Class 3, 600 Pa	Class 4, 600 Pa
*test pending, levels are objectives. **1200 Pa design 1800 Pa safety					

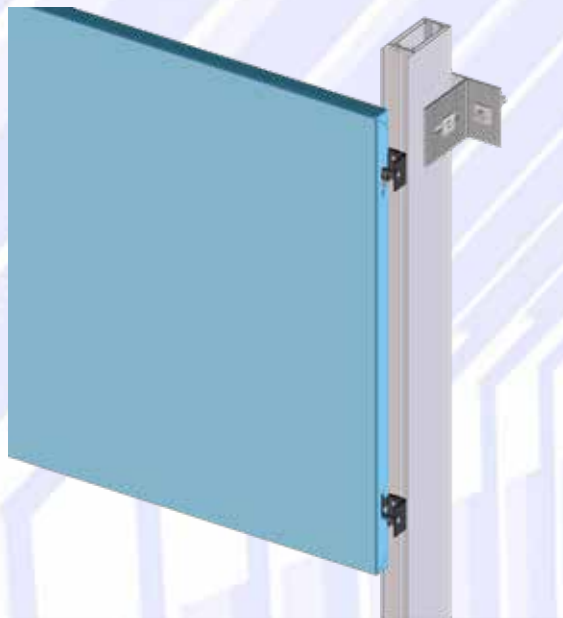
Ventilated Façade Substructures

The EFP 50 HPPS System is a unique, high performance cladding substructure system which enables the construction of attractive cladding projects based on the principles of rainscreen façade technology. This with a panel joint of 15mm only! The joints can be covered by extruded joint profiles made of EPDM, silicone or aluminium.

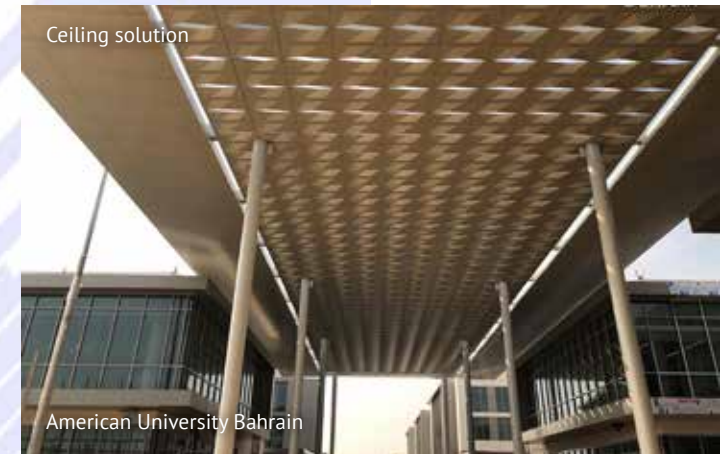
The system, pressure equalized, mullion drained and thermally broken is designed for various substructures like ACP, Terracotta or stone panels. The 50mm wide mullions and transoms are suitable for sloped and vertical facades.

Recently EFP developed a new cladding substructure system with an open joint of 12mm only.

The panels can be easily installed with the adjustable sliding brackets, which are sliding into the guide profiles. There are various guide profiles available either with box- or T shapes and they are suitable for every application, like blind walls or floor to floor spans.



.....
*Easy replacement
of damaged panels*
.....



References

Hotels and Hospitality

Bahrain	Gulf Hotel Manama
Bahrain	Saach Tower, Deva Hotel Manama
India	GVK Airport Hotel Mumbai
India	Sofitel Hotel, Mumbai
India	Crowne Plaza Hotel, Cochin
India	TechPark 2 Ritz Carlton Hotel, Pune
Kuwait	Dalal Complex, Salmiya
Kuwait	Hotel Continental
Qatar	Hilton Hotel, Doha
Saudi Arabia	Al -Anoud Tower Riyadh
Saudi Arabia	Fairmont Hotel Riyadh Blast Resistant System
Saudi Arabia	Adex Building, Rosh Rayhaan by Rotana Hotel Riyadh
Saudi Arabia	Fraser Suites, Riyadh
The Netherlands	Yotel Amsterdam
United Arab Emirates	Centro Barsha Hotel Dubai
United Kingdom	Park Regis Hotel Birmingham

High rise buildings

Kuwait	Hassa Towers
India	Trump Towers Pune
Kuwait	Al-Nassar Tower, Four Points by Sheraton
Kuwait	Fahad Al Salem Tower (Kuwait Building) (F^2)
Qatar	Al Jazeera Tower Doha
Qatar	Al Asiri Tower Doha
Qatar	Al Seal Tower Doha
Qatar	Regency Tower
Qatar	Al-Nasr Twin tower, Doha
Qatar	Dolphin Tower
Saudi Arabia	Nakheel Tower Riyadh
Saudi Arabia	Damac Twin Towers Riyadh (F^9)
Saudi Arabia	Al Swailem Tower Riyadh Hyatt Regency
Saudi Arabia	Al Obeikan Tower Riyadh
Saudi Arabia	Majdoul Tower, Riyadh
Saudi Arabia	Jazan University Administration Building
Saudi Arabia	View Tower Riyadh
United Arab Emirates	RP Heights Tower Dubai (F^1)

Sports, leisure and lifestyle

Bahrain	American University Bahrain (AUBH)
Kuwait	Al Salam Palace Museum
Kuwait	Al Marzouk Mall, Hawally

Kuwait	Dar Hamad Restaurant
Kuwait	Joori Restaurant
Kuwait	Audi Kuwait (F^7)
Kuwait	Al Seddiq Neighbourhood Center
Kuwait	Oxygen Health Club
Kuwait	Sheikh Abdulla Al Salem Cultural Centre
Kuwait	MOE Bowling Center
Kuwait	Al Salem Palace Museum
Kuwait	Small boats harbour project
Kuwait	Shaab Thema Park Renovation
Kuwait	Khiran Outlet Mall (KOM)
Kuwait	Sports Hall
Qatar	Al Sadd Sports Stadium
Saudi Arabia	King Fahad National Library Riyadh
Saudi Arabia	Prince Salman Science Oasis Centre Riyadh
Saudi Arabia	Taif College of Engineering
Saudi Arabia	Granada Shopping Mall Riyadh
Saudi Arabia	Al Rashid Mall Abha
Saudi Arabia	Yara Avenue
United Arab Emirates	Expo 2020
United Arab Emirates	DIFC Gate Avenue, Dubai
United Arab Emirates	EMC Mercedes Show Room and Offices, Abu Dhabi
United Kingdom	Costa Coffee UK
United Kingdom	Durham University Sports Hall
United Kingdom	ALI BMW Thames Ditton
United Kingdom	Mercedes Benz Showroom Milton Keynes

Governmental and Hospitals

Egypt	Osar al Shohdaa hospital
India	TATA Medical Centre, Kolkata
Kuwait	Kuwait Cardiac Research & Rehabilitation Centre
Kuwait	Ghanima Alghanim Center, Hospital for Premature & Genetics
Kuwait	Al Sabah Hospital
Kuwait	Kuwait Fire Directorate Building
Kuwait	Molecular Imaging & Medicine Hospital (MIM)
Kuwait	Sabah Al-Ahmad Urology Center
Kuwait	Al Razi Hospital
Kuwait	KCC Kuwait Cancer Centre
Kuwait	Al Farwaniya Court Complex (F^8) Blast Resistant System
Kuwait	Clover Medical Center-Mazaya, Jabriya
Kuwait	Police HQ at Al Ahmadi
Kuwait	Police HQ at Jahra

Kuwait	Police HQ at Farwaniya
Kuwait	Pulmonary Rehabilitation Center
Kuwait	Ali Alghanim Clinic
Kuwait	TB Hospital
Kuwait	Addan Hospital
Kuwait	Sabah Al Ahmed Cardiac Center
Kuwait	Farwaniya Hospital
Kuwait	Link bridge Sabah Hospital
Kuwait	Cardiac Center Al-Amiri Hospital
Kuwait	Hisham A. Alsager Cardiac Center
Kuwait	Urology centre
Kuwait	Infectious Diseases Hospital
Kuwait	WDC-II Mina Abdullah & Az Zour
Kuwait	Az -zour CCGT 1 & 2
Kuwait	Old people care centre
Kuwait	Multipurpose building for College of Education Keifan
Kuwait	Chest Disease Hospital, Kuwait
Kuwait	International Hospital
Kuwait	Kuwait Hospital
Kuwait	Social Security Offices
Qatar	Military Medical Complex (B^7)
Saudi Arabia	King Faisal University, School complex for boys & girls, Hasa
Saudi Arabia	King Faisal University, Social college & Applied Study, Hasa
Saudi Arabia	King Saud University Riyadh
Saudi Arabia	Ministry of Higher Education Riyadh
Saudi Arabia	Head Office Monetary Agency
Saudi Arabia	Orphans Welfare Riyadh
Saudi Arabia	Prince Sultan Cardiac Center
Saudi Arabia	AMC Hospital Riyadh
Saudi Arabia	Specialist Hospital Riyadh
United Kingdom	Barking Town Hall
United Kingdom	Weymouth Community Fire Station
United Kingdom	Saville House Sheffield
United Kingdom	Anglesey County Council Offices, Isle of Aglesey
United Kingdom	Aston 6th Form

Airports

Kuwait	Kuwait New International Airport office building
Qatar	Car rental New Doha International Airport
Qatar	New Arrivals Terminal Building
Qatar	Doha Int Airport Several Office Buildings
Saudi Arabia	Arar Airport India Chennai Airport, Chennai
Saudi Arabia	Kaden Business Center Riyadh Airport
Saudi Arabia	King Khaled International Airport
United Arab Emirates	Al Maktoum International Airport, Control Tower & Technical Offices (Jebel Ali)

United Arab Emirates	GCAA Airport Building, Abu Dhabi
United Kingdom	Farnborough Airport Building (F^6)
United Kingdom	Southend Airport

Offices

Bahrain	Al Hasawi Bld Yh1
Bahrain	SK 5 Office Building
Bahrain	Un Al Darna
Bahrain	SK1 Buiding
Bahrain	Office block Bahrain
Bahrain	Business Centre (near int. Airport)
Bahrain	AXA Headquarters (F^3)
Bahrain	SE 1 F1 Tower
Egypt	Dorra Office Building B107 Smart Village Cairo (B^1)
India	IT Building Kotian C-99 Navi Mumbai
India	Futura by Panchshil Pune (B^5)
India	World Trade Center, Puna (F^5)
India	EON Free Zone Phase 2 Pune
Kuwait	K.O.C. North Office Complex
Kuwait	ATC HQ, Salmiya
Kuwait	SS & J Sulaibikhat Business Center
Kuwait	Information Systems Department, Advanced Technology Center (ITC ATC at Shuwaikh)
Kuwait	Al Zour Refinery
Kuwait	Farah Al Marzouk-Masjid
Kuwait	KOC-North Kuwait Office Complex
Kuwait	Lower Fars Heavy Oil Development Program (LFHO)
Kuwait	Bank of Bahrain
Kuwait	LFHO Project
Qatar	HBK HQ building Doha (B^4)
Qatar	Al Saad Office development
Qatar	Old airport road office block
Saudi Arabia	Arab Sat HQ Riyadh
Saudi Arabia	Raseel Centre Riyadh
Saudi Arabia	Al Bawani HRO Bld. Riyadh
Saudi Arabia	Tabouk Tower, Tabouk
Saudi Arabia	Edafah Office Bld, Fraser Suites, Riyadh
Saudi Arabia	Dar Al Akeel
Saudi Arabia	Nasser Al Mutawa building, Riyadh (B^3)
Saudi Arabia	Saudi Press Agency HQ Building Riyadh
Saudi Arabia	Al Dugethir Building Riyadh
Saudi Arabia	Public Pension Agency Riyadh
Saudi Arabia	Al Mohana offices
Saudi Arabia	Masic Office Office Building Jeddah
Saudi Arabia	Al Amoudi Jeddah (B^9)
Saudi Arabia	Adex Building Jeddah (B^6)

Saudi Arabia	Hital Tower Riyadh
Saudi Arabia	Airbaaian Riyadh
Saudi Arabia	Al Ailan Twin Building Riyadh
Saudi Arabia	Al Khayal Building Jeddah
Saudi Arabia	Al Sheikn Tower Riyadh
Saudi Arabia	Dar Al Montada Building
Saudi Arabia	Deem Center Building
Saudi Arabia	EPCC Head Office Building Al Khobar
Saudi Arabia	Al Wefaq Tower
Saudi Arabia	Al Henaki Building
Saudi Arabia	Herpy Building
United Arab Emirates	Dubai World Central Logistics, Ancillary buildings and Agents Buildings
United Kingdom	King Point Office Complex Oldham UK
United Kingdom	Tower Wharf
United Kingdom	Winfarm Onshore Offices Cumbria
United Kingdom	Pineapple

Commercial and Residential

Bahrain	Marassi NBR
Bahrain	SE 1 F2 Tower
Bahrain	FS 1 Tower, Hotel Serene Landmark, Manama
Bahrain	FH 1 Building Bahrain
Bahrain	Adliya Building Bahrain
Bahrain	Nyla Villa
Egypt	Grand Plaza Cairo
India	Suncourt residential tower Noida
India	Krishavaraj Residential Tower
India	Emami Residential Tower, Chennai
India	MS H20 Residential tower. Mumbai
India	LOMA IT Park Navi Mumbai
India	YOO Luxury Residential Towers, Pune
India	Oberoi Residential Buiding
India	ICC Mall, Pune
India	Imperial Residential Building
India	Quadrant Residential Building Chennai
Kuwait	Tamdeen Square (F^11)
Kuwait	Yaal Commercial Complex, Fahaheel
Kuwait	Sabah Al Salem Complex, Sabah Al Salem
Kuwait	Keifan Commercial Complex
Kuwait	Sama Mall
Kuwait	Najeeb Al Mulla Villa
Kuwait	Ali Alghanim Dasman
Kuwait	Al Tayeb Building
Kuwait	Al-Daisam Commercial Complex
Kuwait	Marzouk Residential Tower

Kuwait	Mazouk Tower
Kuwait	Sabah Al Salam Residential Towers
Kuwait	Kayan Villas
Kuwait	Four Angles residential complex
Kuwait	Dasman Complex (F^10)
Qatar	Commercial Building, Doha
Saudi Arabia	Dareen Commercial Complex Jubail
Saudi Arabia	ANB Bank
Saudi Arabia	Al Saif Palace
Saudi Arabia	Munajem
Saudi Arabia	Shop Riyadh
Saudi Arabia	Tawuniya Riyadh
Saudi Arabia	Al Ajlan
Saudi Arabia	WOW Square Office Buildings, Retail Stores, Jeddah
Saudi Arabia	Jeddah Gate Building by Emaar
Saudi Arabia	Bin Homran Commercial Building Jeddah
Saudi Arabia	Rafal Residential Tower Riyadh
Saudi Arabia	Al Theyab Villa
Sudan	Appartment Building, Khartoum
United Arab Emirates	Dubai Creek Harbour Developments, Island Tower Residential
United Kingdom	Chamberlain (student accommodation) (B^10)
United Kingdom	Cuckoo Farm Light Industrial Building
United Kingdom	TESCO

Mixed used buildings

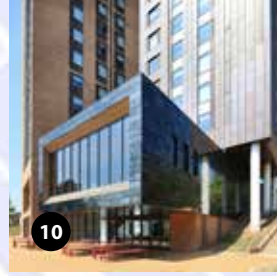
India	ONGC HQ Building & Energy Centre, New Delhi
India	Sky One Offices, Pune
India	Matrix (WTC) Pune
India	EON Waterfront Pune
India	Cummins Project Building, Pune (B^8)
India	Rupa Solitaire, Navi Mumbai
India	IDCO IT Tower Bhubaneshwar
India	IT Building Kotian Project C-99, Navi Mumbai
India	Technology Park TP2, Tower A, Tower B, Pune
India	Rustomjee, Mumbai
India	Wagholi Towers, Pune (B^2)
Nigeria	Trinity Tower, Lagos (F^4)
Pakistan	PTET Telecom Tower, Islamabad
Saudi Arabia	Shatry Building
Saudi Arabia	Ziyad Bin Saeed building Riyadh

F^= front page

B^= back page



European Facade Products



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