

INTRODUCTION



- Façade India Group Company
- FITI Panel Member with NBC
- 15 Yrs Testing Design System
- 150 + Satisfied Clients & Exports
- DNA Innovation & Differentiation
- Patents / IPR Many Patents & IPR
- Product Portfolio 92% For Building facades

INTERNATIONAL PRESENCE



Façade One International FZ LLC Dubai

• Façade One International Swiss

Façade One International

Representative
 Newzeland

Representative Australia

VISION



- We aspire to be among leading International companies in façade and fenestration products through innovative, robust and sustainable design solutions.
- We continue to develop a culture of innovation in the organization and innovate architectural concepts and products of next generation to convert architectural vision in to reality.

MISSION



- Year 2029 to Become 1.5 Billion \$ Group
- Company shall provide freedom to Innovate & perform, training to enhance skills and competence of employees.

INFRASTRUCTURE INDIA



- Design office 12000 sq.ft
- Organization 100 + Designers and Support functions
- R & D center spread over 150,000 sq.ft land
- Asia's largest Test Laboratory

DESIGN SOFTWARE



- Autocad version 2017 (2D / 3D)
- Athena software Curtain wall design
- Staad pro V8i Structural analysis
- S J MEPLA Glass design
- REVIT Beam modeling
- ECOTECT Building physics
- FLIXO Thermal analysis
- 3D Max & Lumion 3D Modeling & Rendering
- Orgadata Estimation , Optimization & Fabrication
- Rhino + Grass hopper Free form designs
- 3D Printer 3D Object printing



PRODUCT MANUFACTURED

- India
- Dubai GULFEX



PREMIUM PRODUCTS

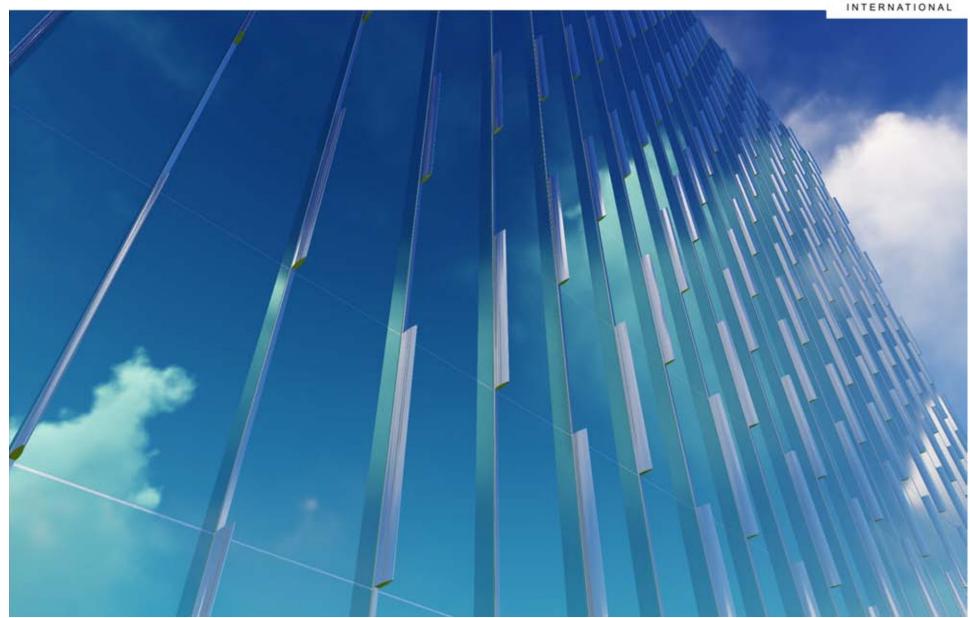
- AS 300 ENTRANCE GLAZING
- ENERGY EFFICIENT CURTAIN WALLS &
- DOUBLE SKIN
- BOMB BLAST RESISTANT FAÇADE -15 & 120 Kpa
- SWISSCLAD WALL CALDDING FIRE CLASS A1
- DYNAMIC FACADES
- PANORAMA SLIDING WINDOW & CASEMENTS
- ARCHITECTURAL LOUVERS
- SEAMLESS RAILING & BALUSTRADE RAILING
- SWISS SCREEN 3D SCREEN



ALUSLEEK ENTRANCE GLAZING

Innovation to Unique Lobby Entrances

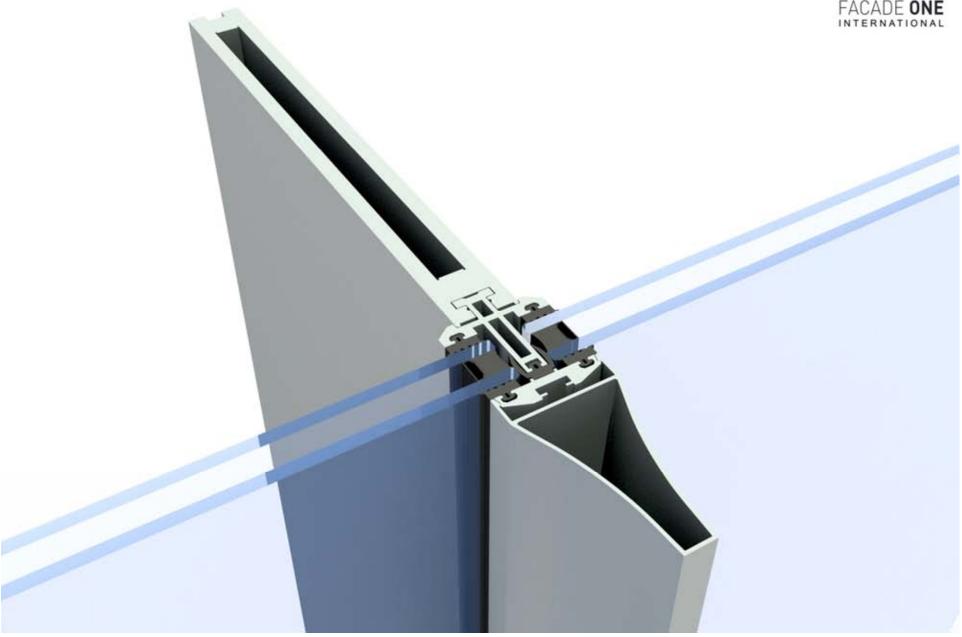
















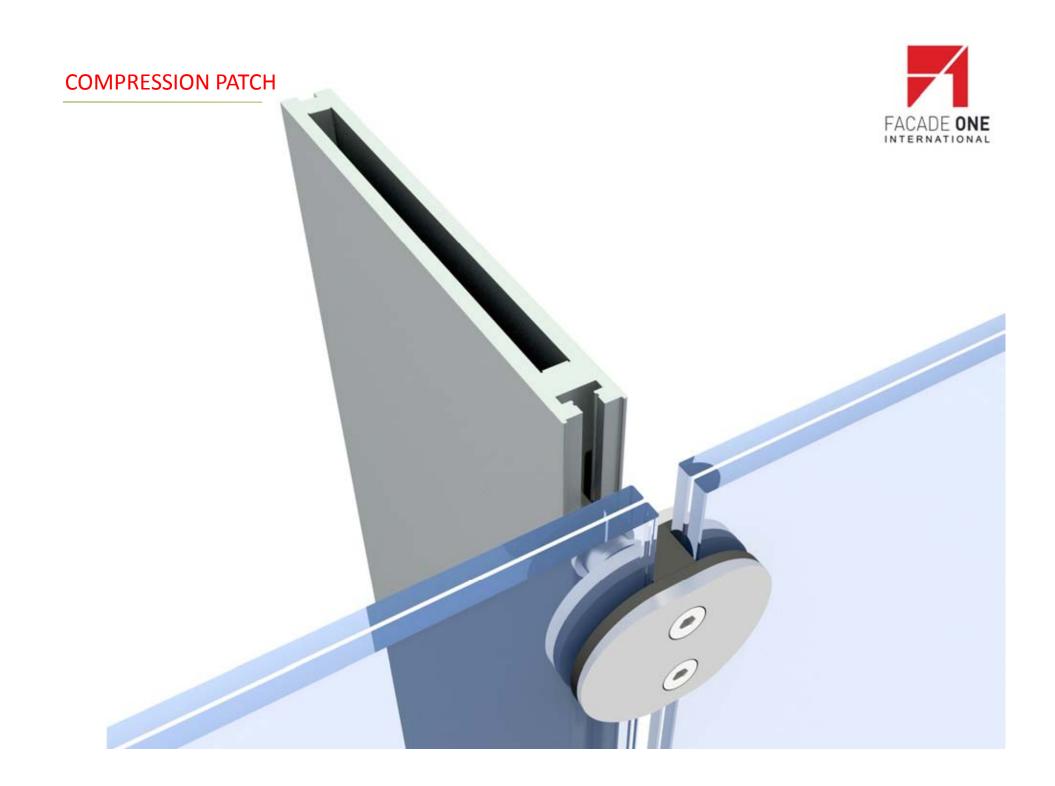
TOGGLE FIXING





ALUSLEEK ENTRANCE GLAZING

19m Tall Entrance without any steel intermediate support

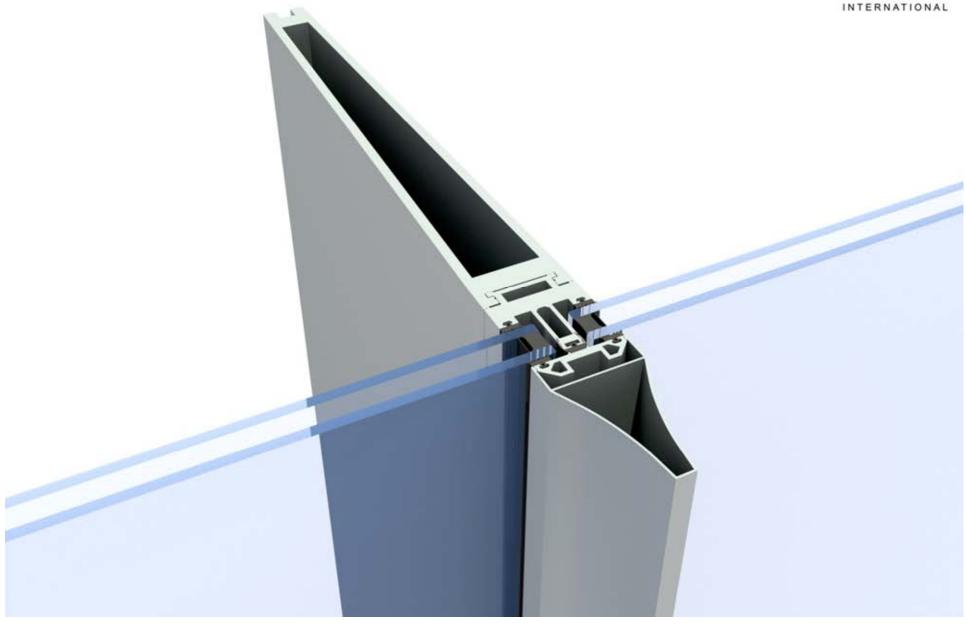


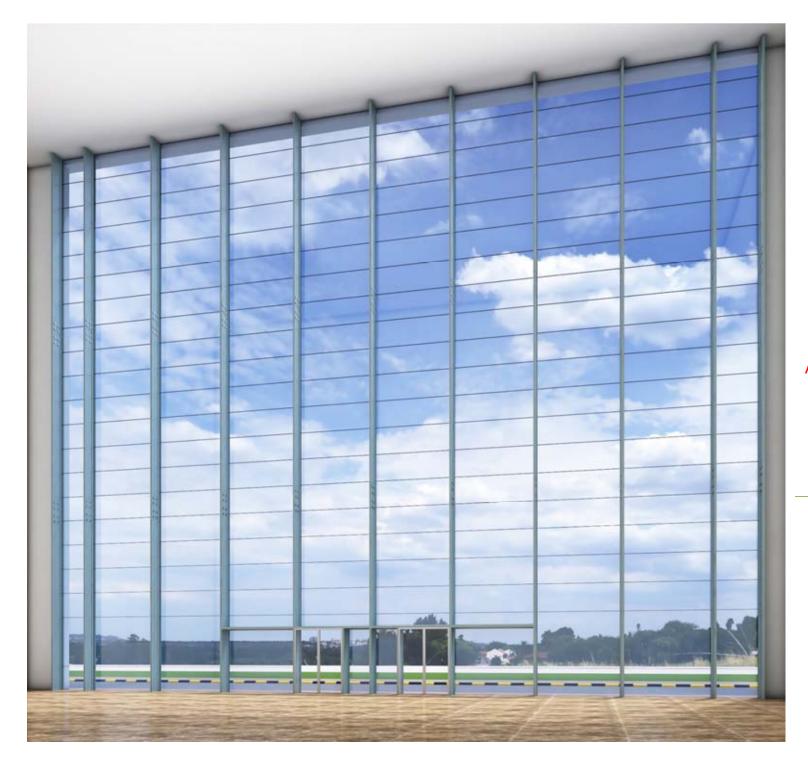
ALUSLEEK ENTRANCE GLAZING – 16.6m Entrance with Canopy Supported







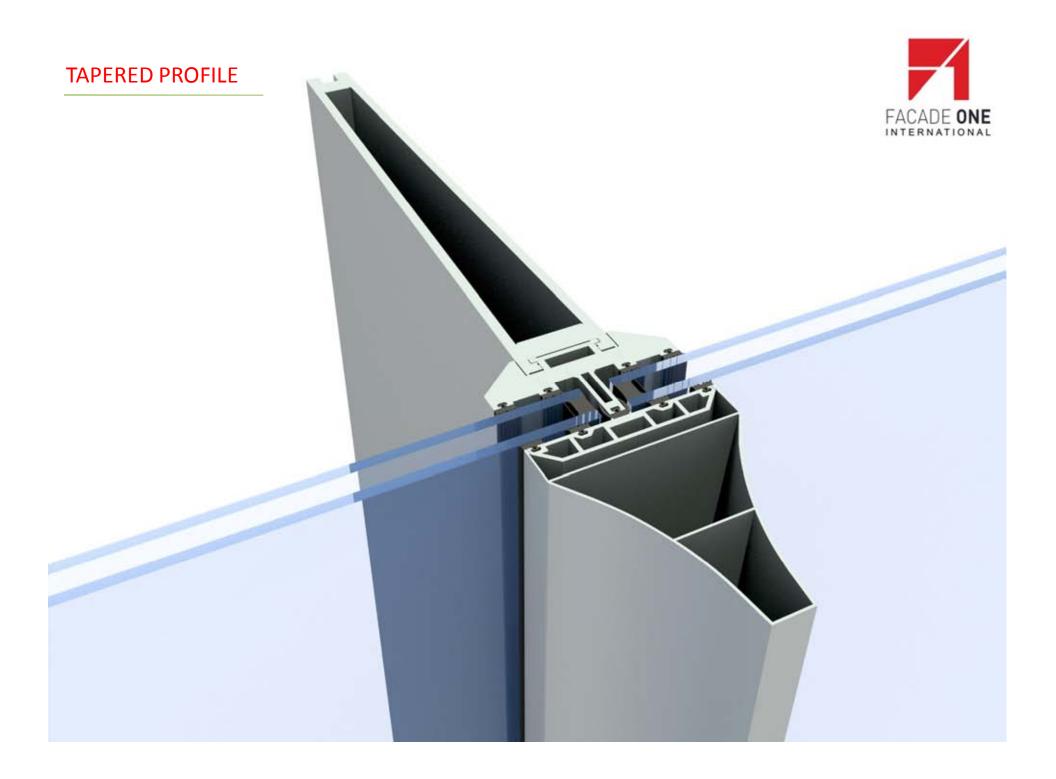






ALUSLEEK ENTRANCE GLAZING (4070500)

22m Tall Entrance

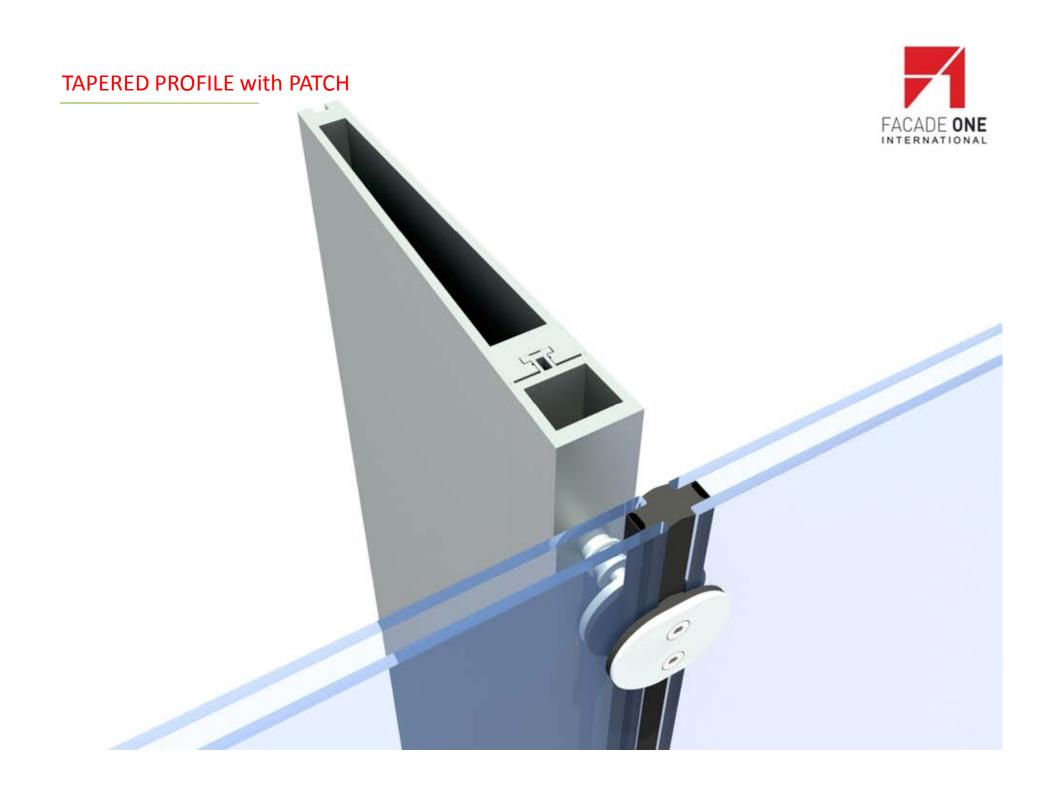




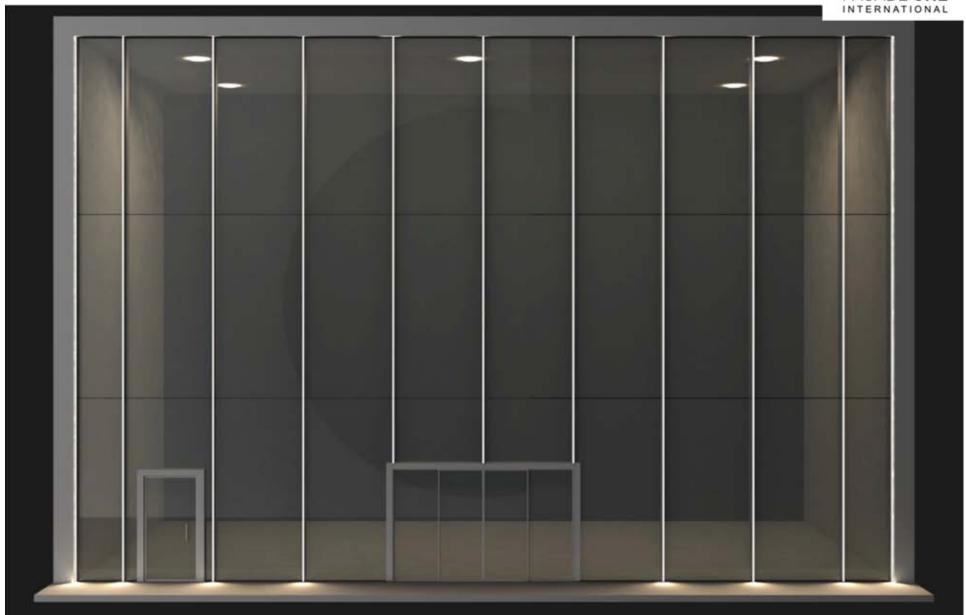


ALUSLEEK ENTRANCE GLAZING

60m Tall Alusleek Entrance Glazing In-Side View



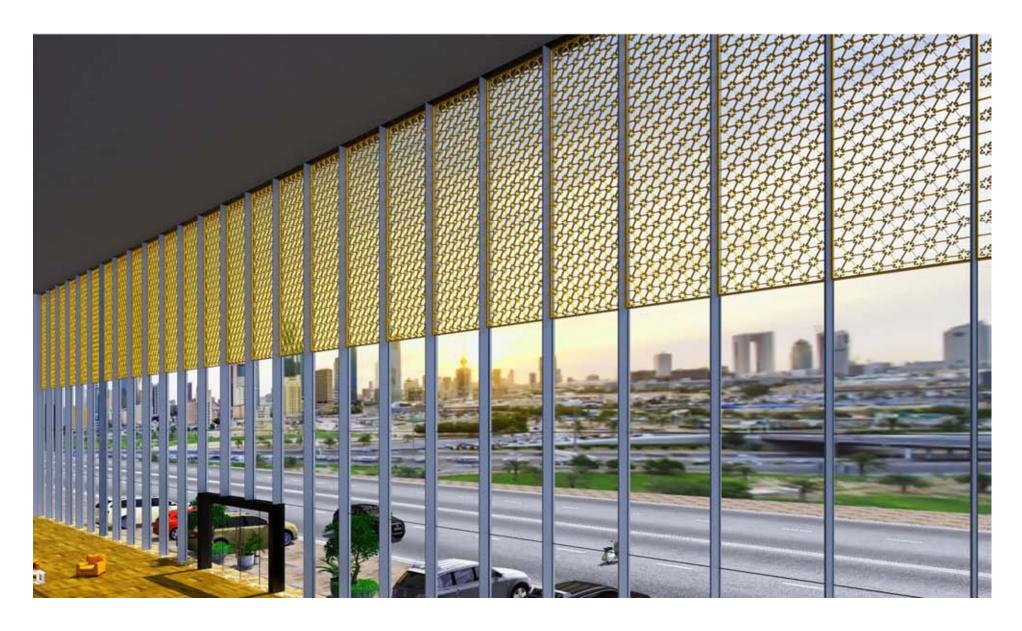




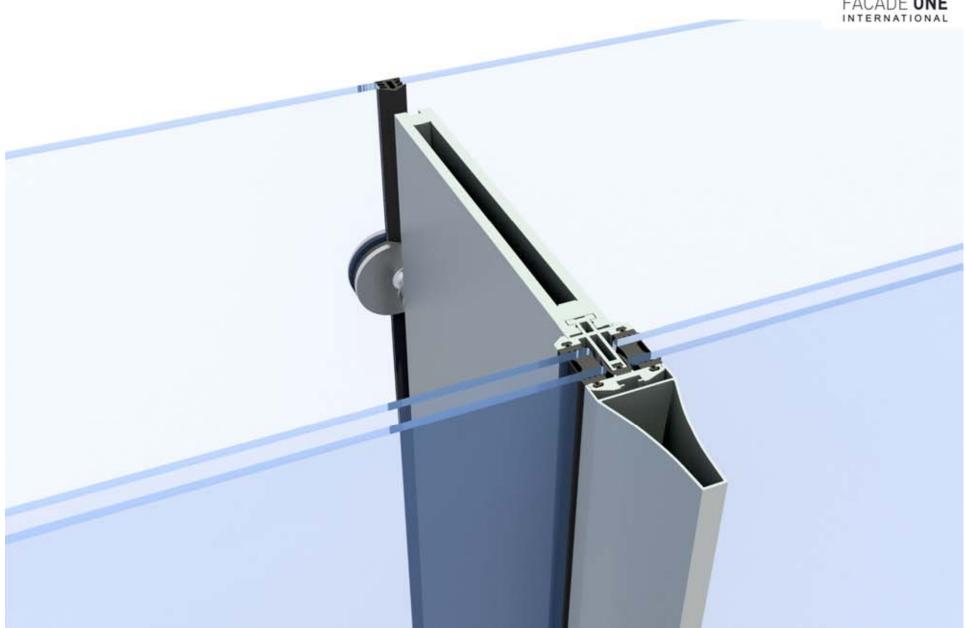


ENTRANCE GLAZING WITH SCREEN

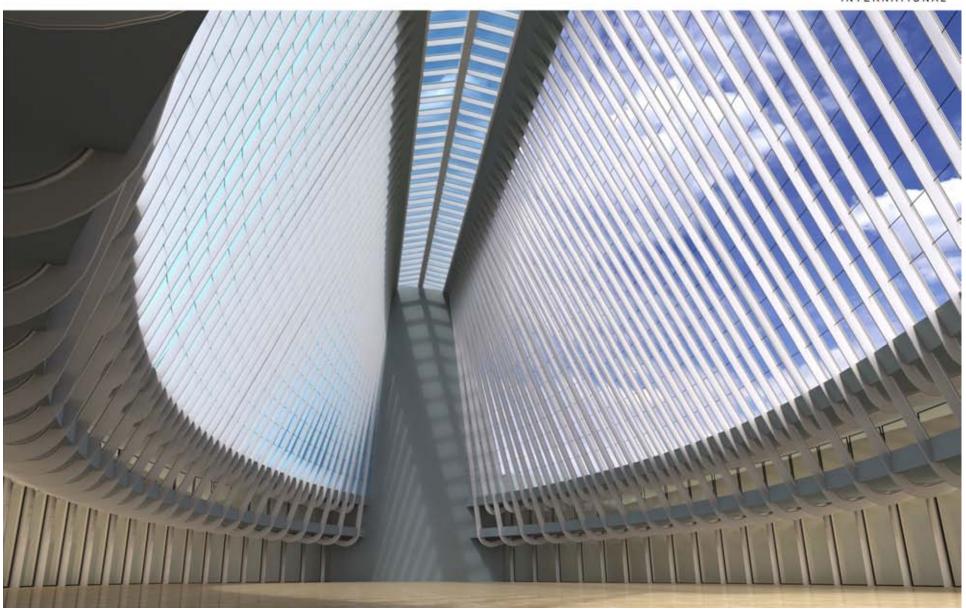




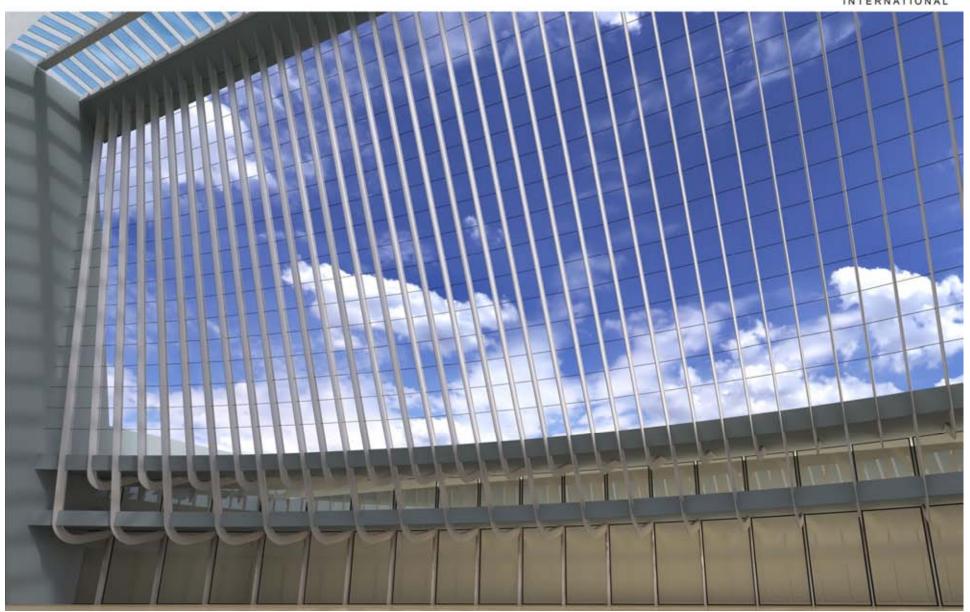




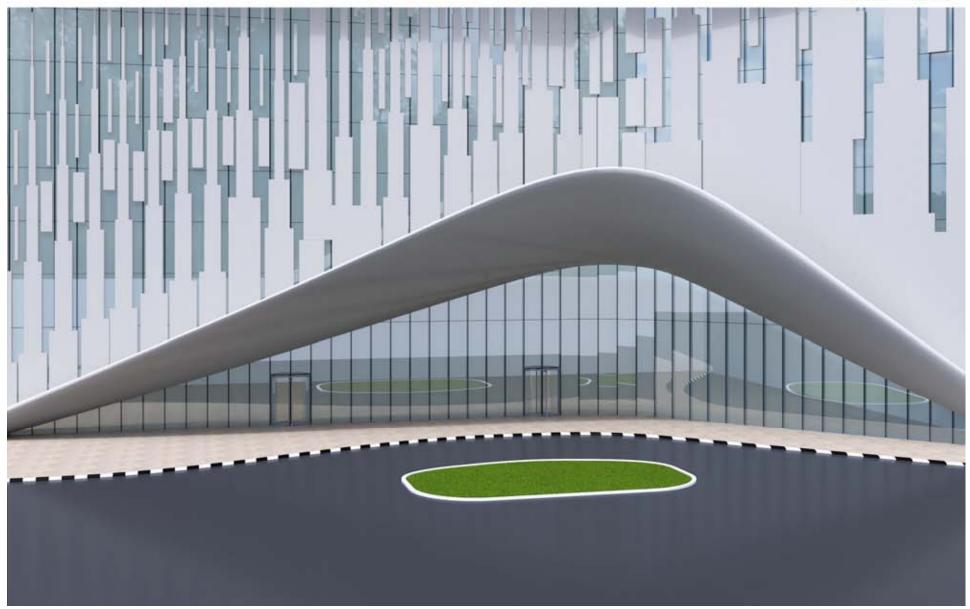














CURTAIN WALLS

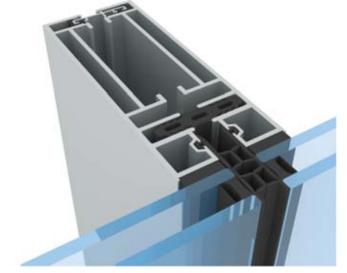
Innovation to Unique facades

GLASS WALL ELEVATION (400-800-2800)



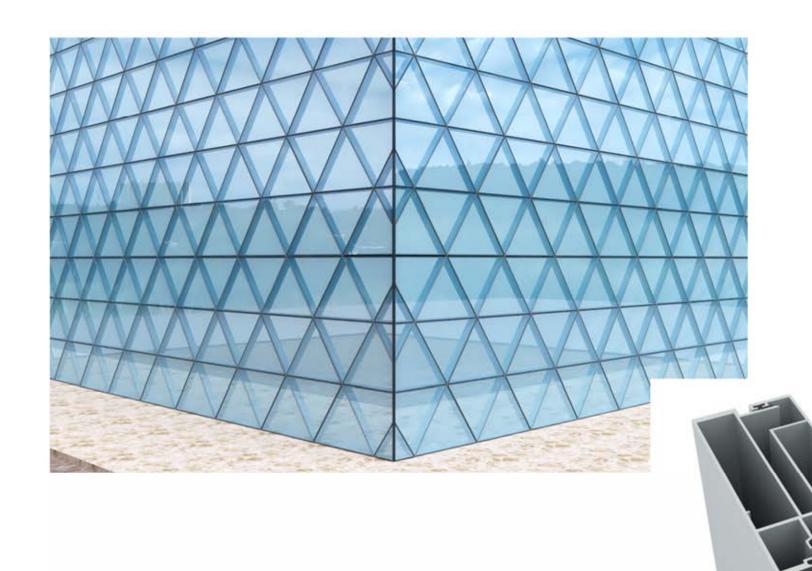






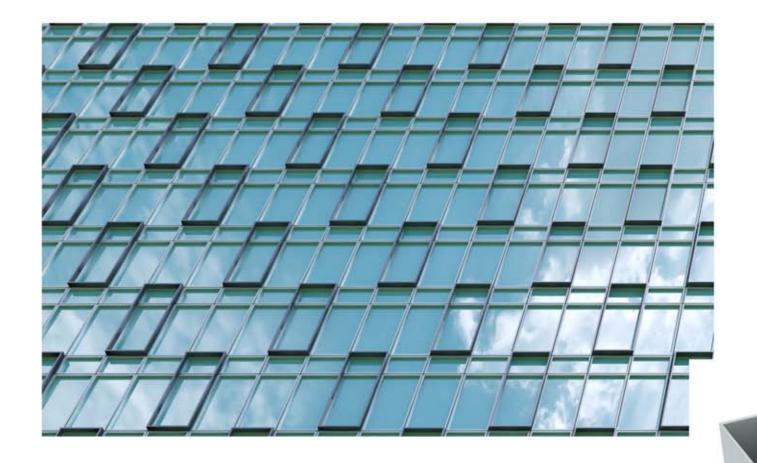
UNITISED CURTRAIN WALL GLAZING





UNIQUE 3D FACADES

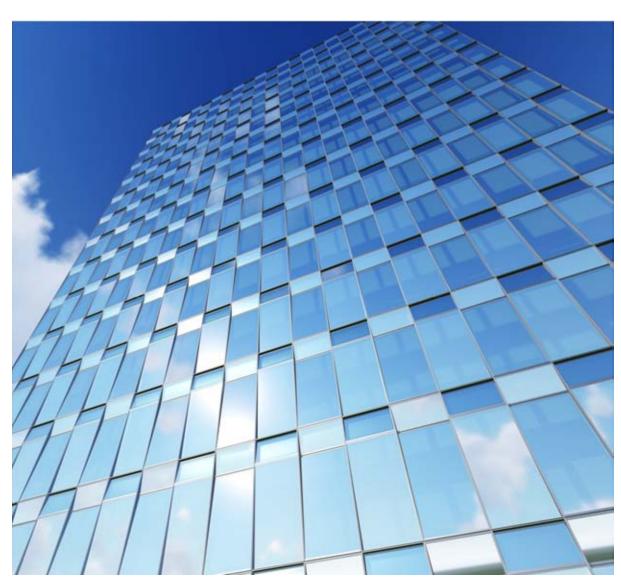


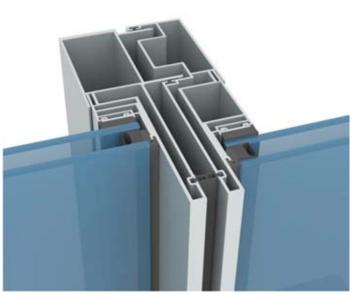






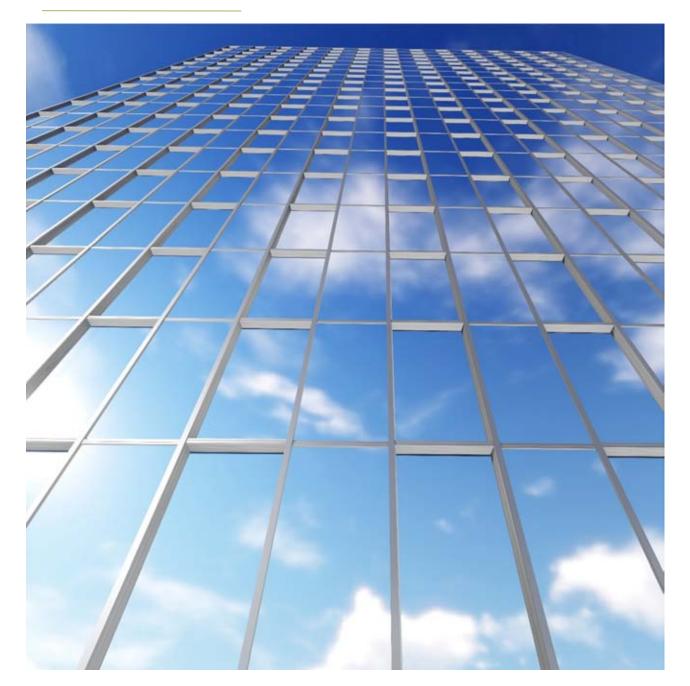


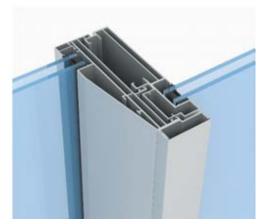


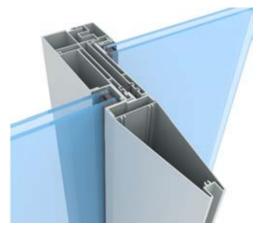


SLEEK CURTAIN WALL



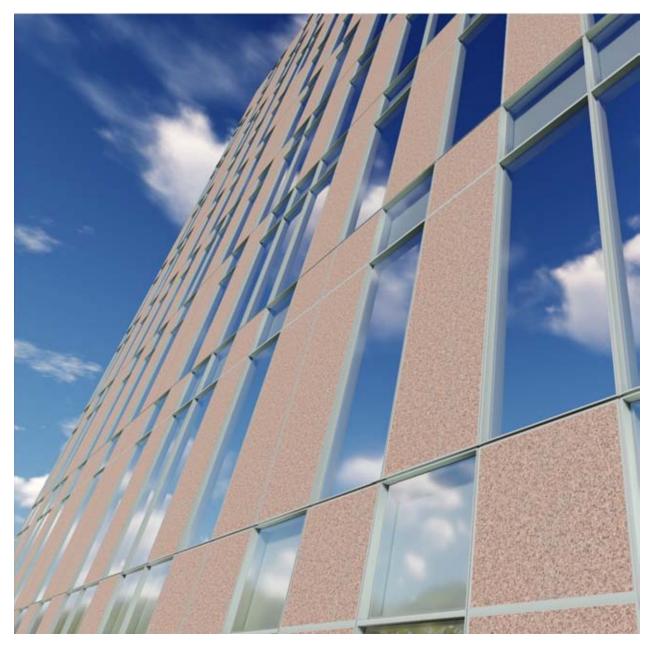




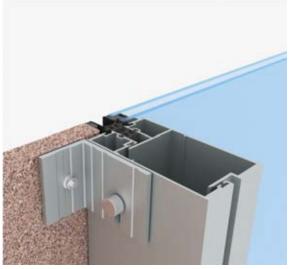


UNITISED GLASS AND GRANITE WALL

















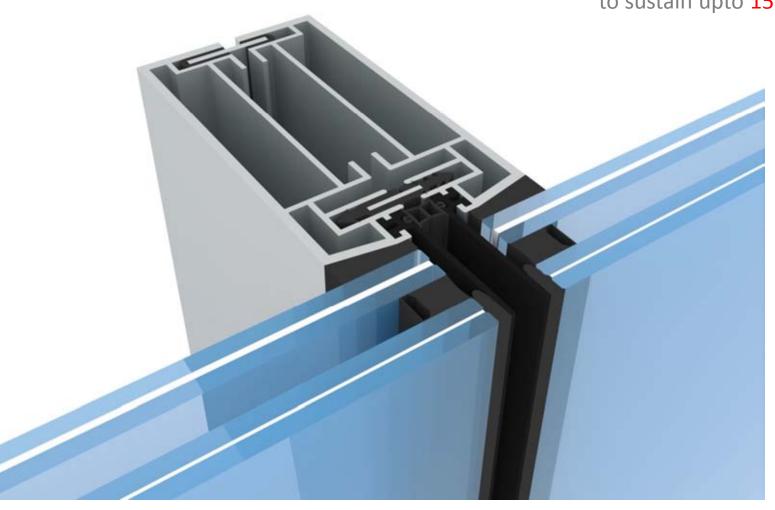


CURTAIN WALLS

Innovation to Special facades



Design blast resistance system to sustain upto 15 KPa



BLAST RESISTANCE LOBBY GLAZING







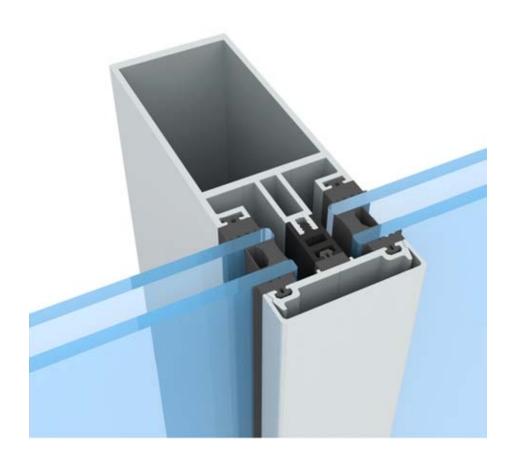
CURTAIN WALLS

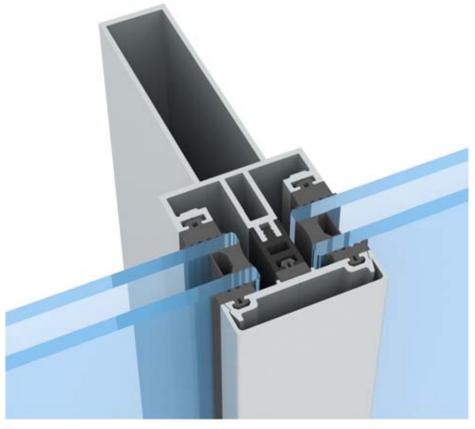
Innovation to Energy facades

THERMAL BREAK CAP CURTAIN WALL



SYSTEMU VALUE – 4 W/m².K



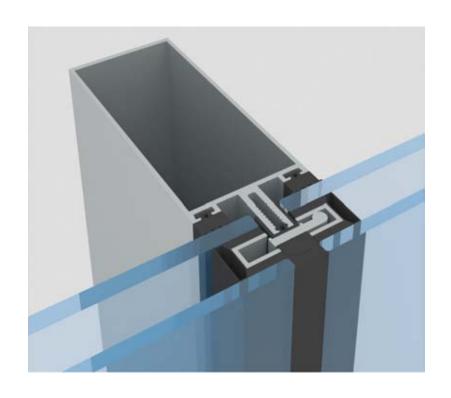


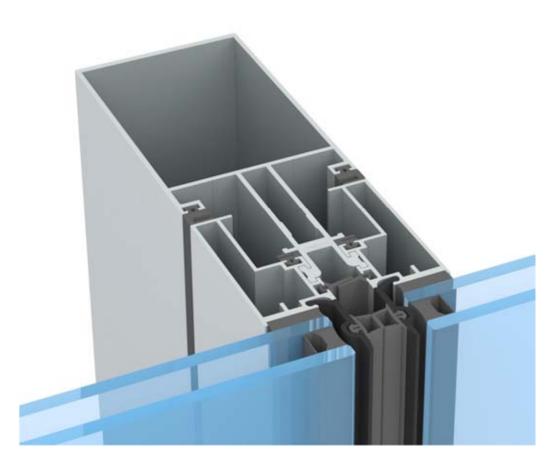
STICK CURTAIN WALL (TOGGLE SYSTEM)



SYSTEM U VALUE – 4.5 W/m².K

SYSTEMU VALUE – 2.7 W/m².K

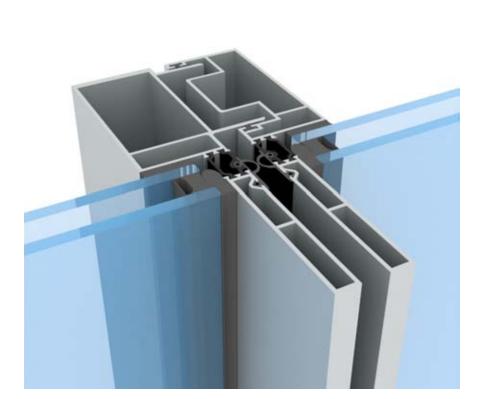




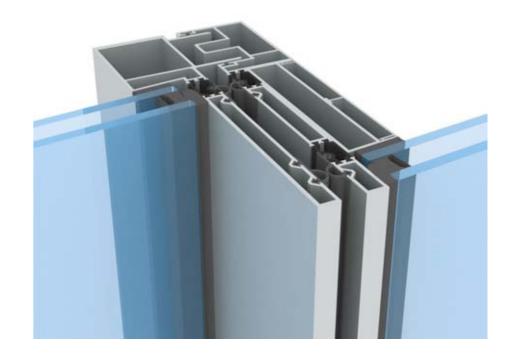
ARTICULATED CURTAIN WALL (THERMAL BREAK)



SYSTEMU VALUE – 3.8 W/m².K



SYSTEMU VALUE – 7.8 W/m².K

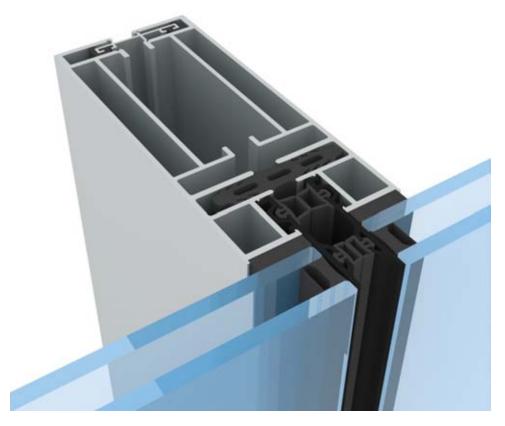


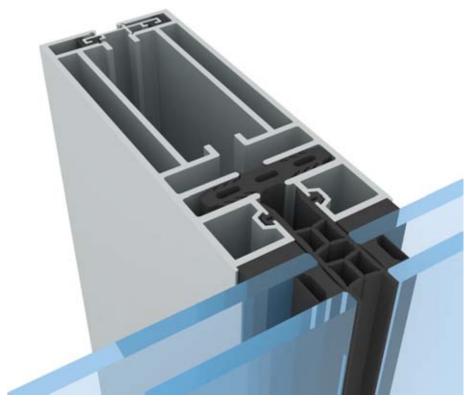
EUROPEAN CURTAIN WALL (POLYAMIDE / SILICON GASKET EDGE GUARD



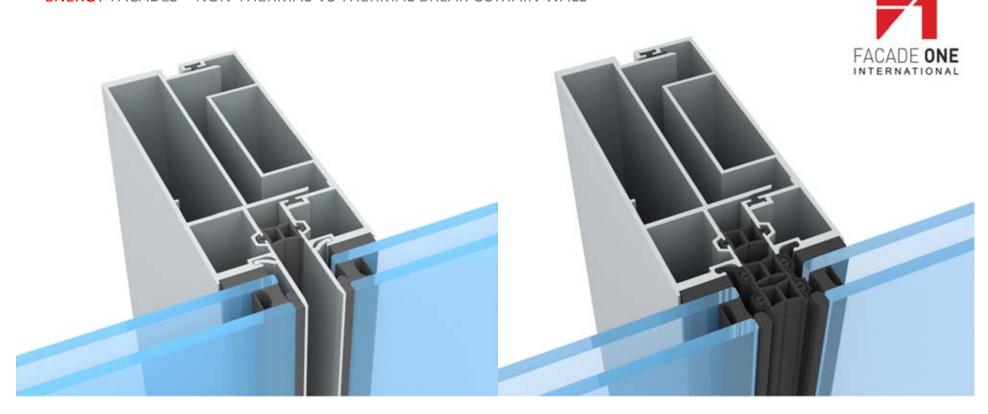
SYSTEMU VALUE – 2.3 W/m².K

SYSTEMU VALUE – 1.8 W/m².K





ENERGY FACADES – NON-THERMAL VS THERMAL BREAK CURTAIN WALL



MULLION DETAIL

Profile U Value – 15.3 W/m²K Glass U Value - 1.7 W/m²K

OVERALL FAÇADE ASSEMBLY U VALUE – 2.5 W/m²K

By using Non thermal Break curtain wall system glass U value performance reduces by 50%.

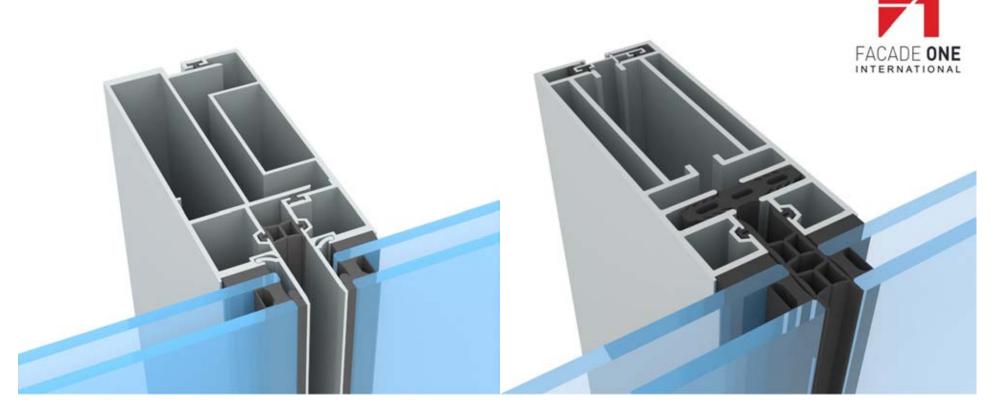
Profile U Value – 2.7 W/m²K Glass U Value – 1.7 W/m²K

OVERALL FAÇADE ASSEMBLY U VALUE – 1.43 W/m²K

By using Thermal Break Curtain wall system, glass U value performance improves by 16%.

Thermal Break profile improves over all façade U value by 75 % against Non thermal break

ENERGY FACADES – NON-THERMAL VS THERMAL BREAK CURTAIN WALL



MULLION DETAIL

Profile U Value – 15.3 W/m²K Glass U Value - 1.7 W/m²K

OVERALL FAÇADE ASSEMBLY U VALUE – 2.5 W/m²K

By using Non thermal Break curtain wall system glass U value performance reduces by 50%.

Profile U Value – 1.8 W/m²K Glass U Value – 1.7 W/m²K

OVERALL FAÇADE ASSEMBLY U $VALUE-1.37\;W/m^2K$

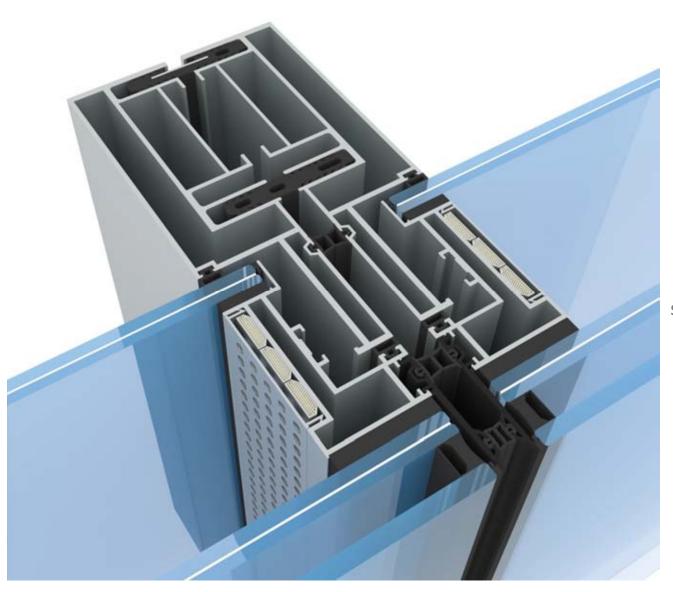
By using Thermal Break Curtain wall system, glass U value performance improves by 20%.

Thermal Break profile improves over all façade U value by 83 % against Non thermal break

ENERGY WITH ACOUSTIC FACADES SUBFRAME

MULLION DETAIL





Profile Uf-Value

0.39 BTU/hr/ft²/°F (2.2 W/m².K)

Vision Glass U Value (75%)

0.18 BTU/hr/ft²/°F (1.02 W/m².K)

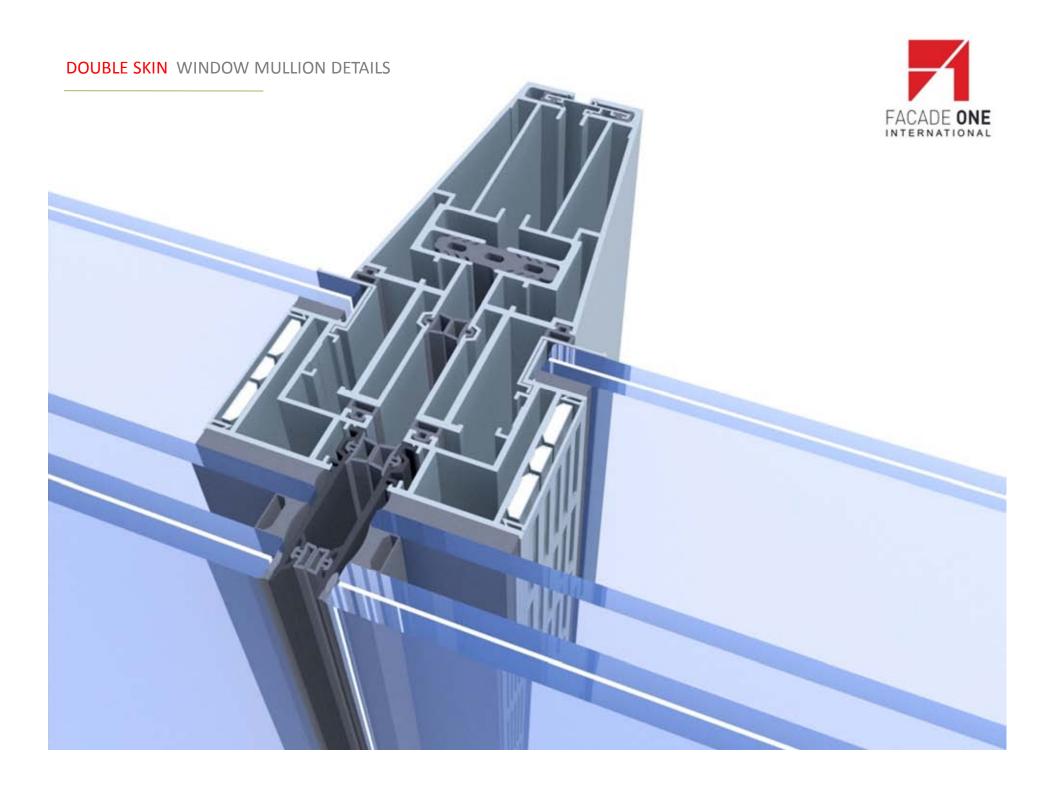
Spandrel Glass with Shadow bow (25%)

0.06 BTU/hr/ft²/°F (0.34 W/m².K)

OVERALL FAÇADE ASSEMBLY U VALUE

0.17 BTU/hr/ft²/°F (0.94 W/m².K)

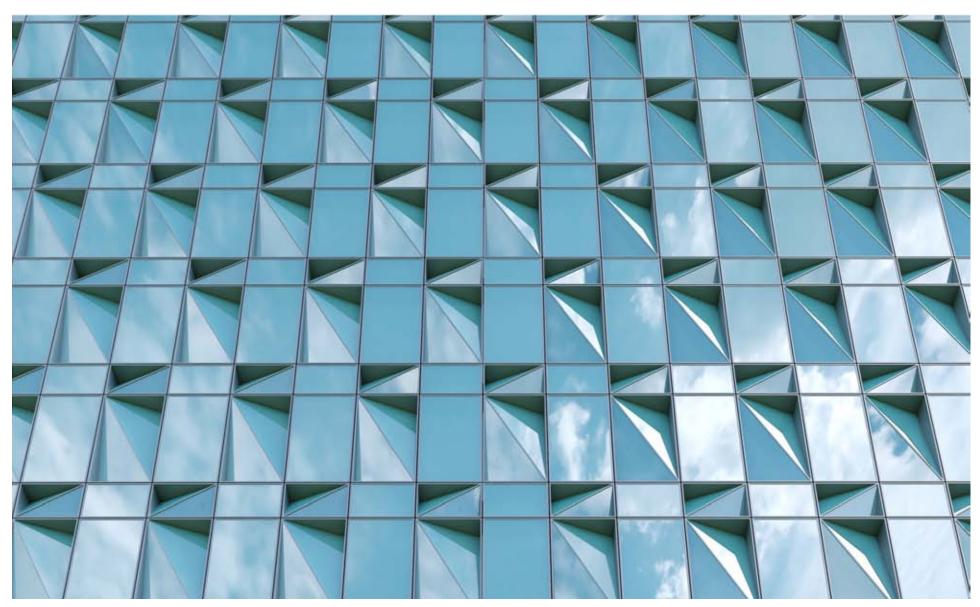
Improved acoustic performance





UNIQUE FAÇADE CONCEPTS

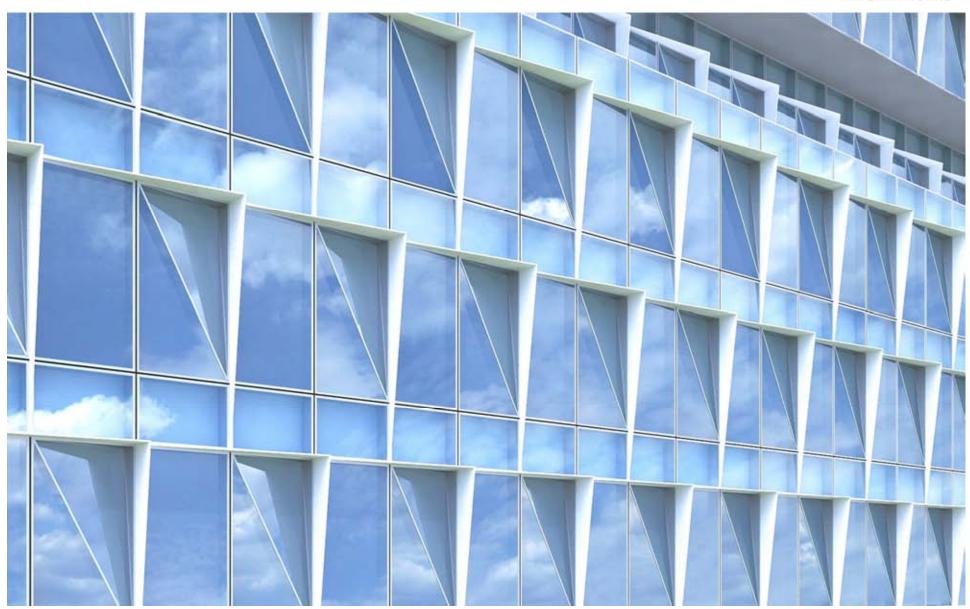






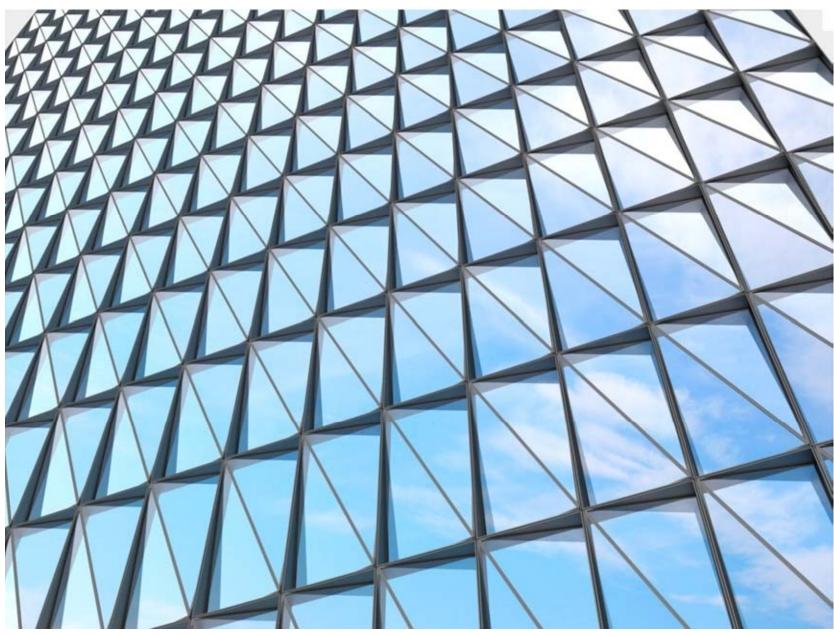


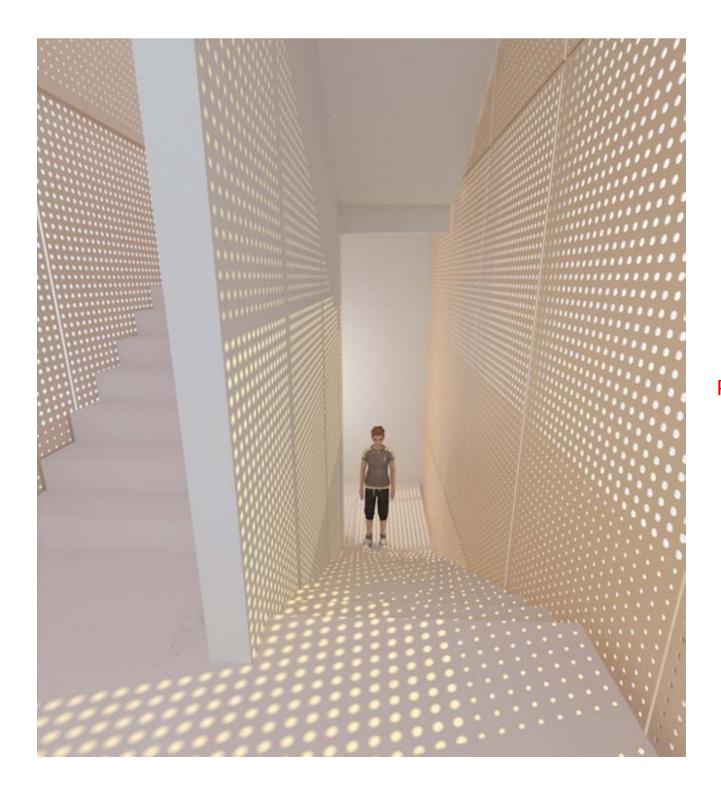




SKEWED AND ARTICULATED WALL









PERFORATED LIGHT WALL



SKYLIGHT AND DOME











SWISSCLAD WALL CLADDING

Innovation to Life Safety

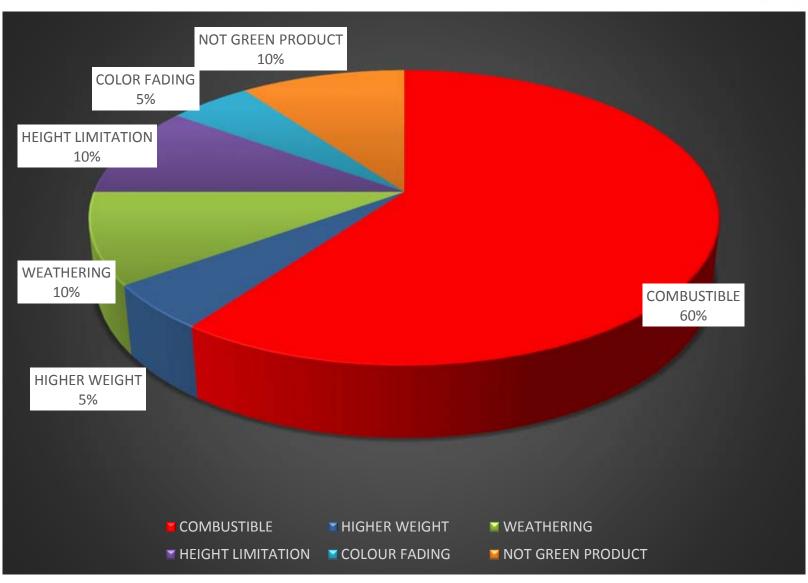


SWISSCLAD

- Aluminium wall cladding system
- All aluminium solid profiles
- Non Combustible fire class A1. Life safe cladding
- Approved by IBC & NBC
- Various sizes and shapes



LIMITATIONS IN CONVENTIONAL MATERIAL





TODAY'S CHALLENGES

SPREAD OF FIRE THROUGH EXTERIOR FAÇADE

DOHA, QATAR - 2006



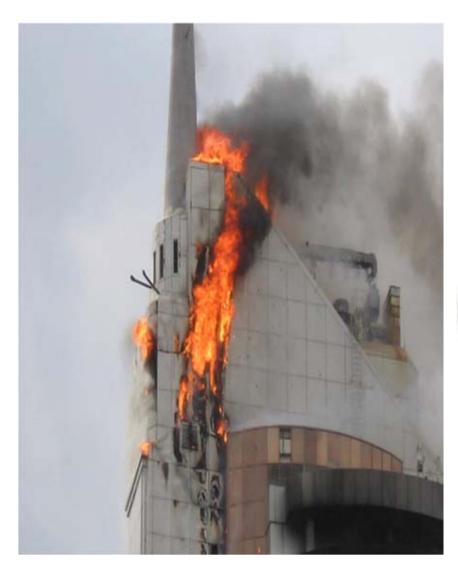




Fire spread through ACP Cladding

ASTANA, KAZAKHSTAN - 2006







Fire spread through ACP Cladding

GREENFELL TOWER - LONDON





Fire spread through ACP Cladding

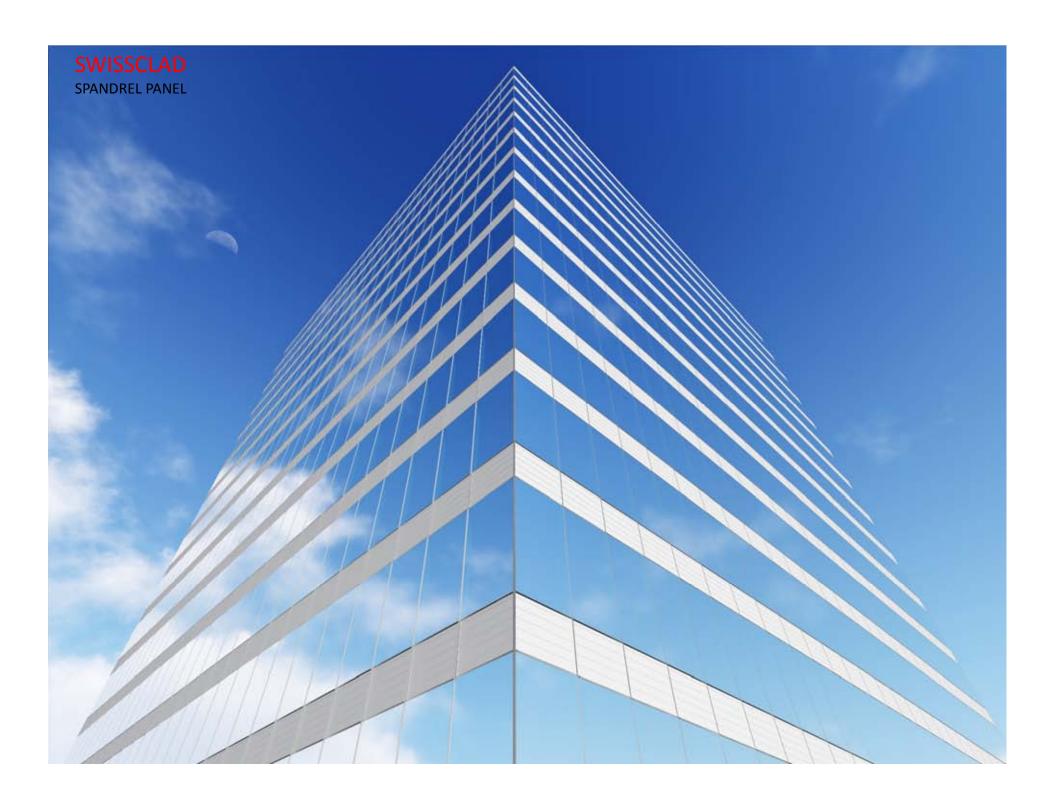


SWISSCLAD

FIRE PROOF – NO SMOKE



ZERO COMBUSTIBILITY



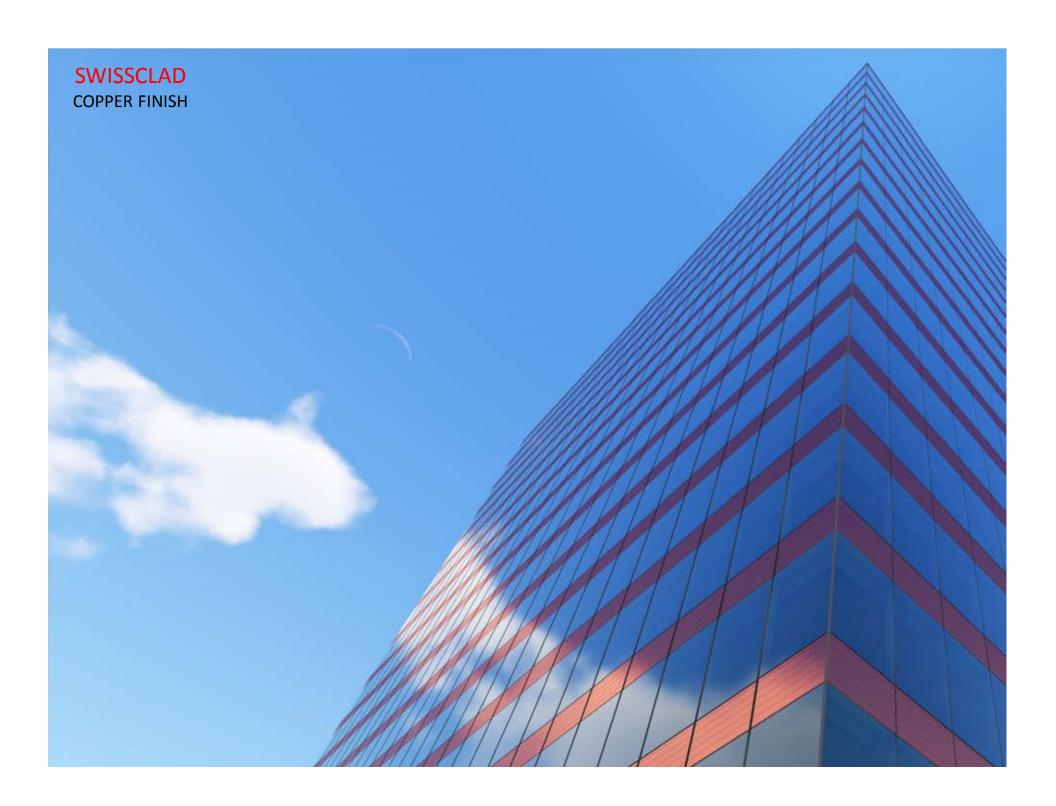
FACADE ONE

SCLAD 150 SPANDREL

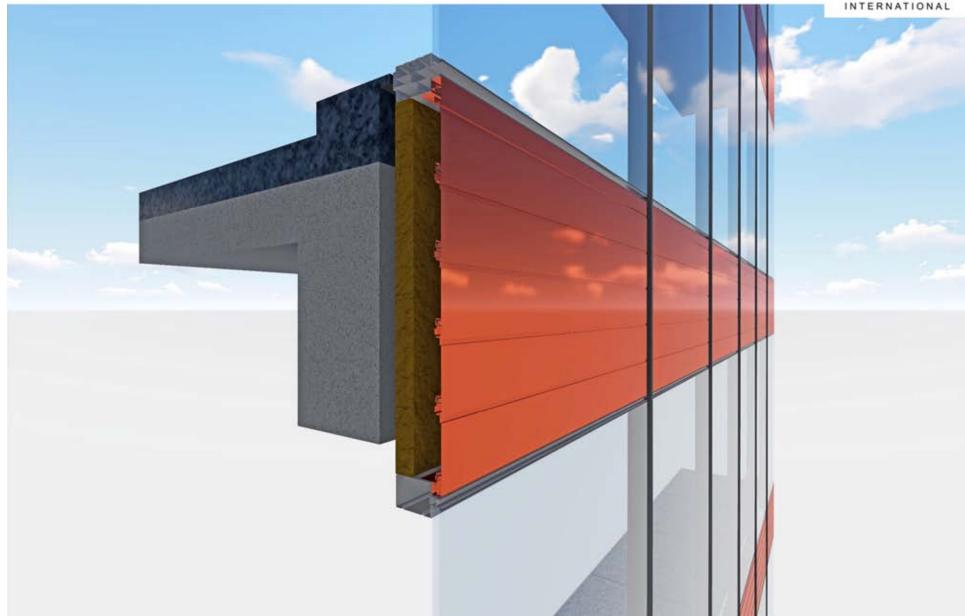




DETAIL VIEW







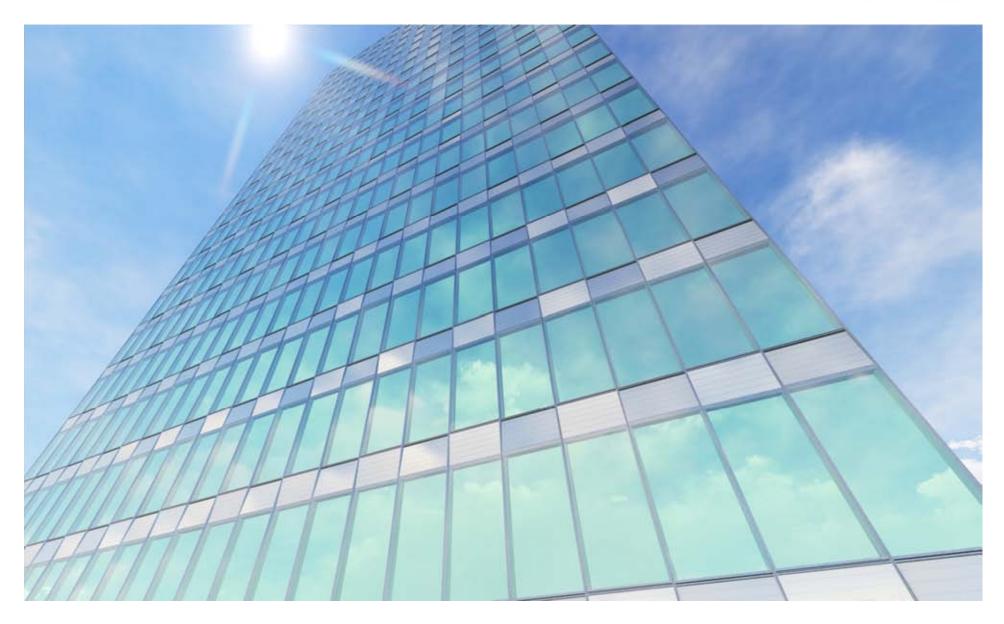


SKEWED GLAZING SPANDREL

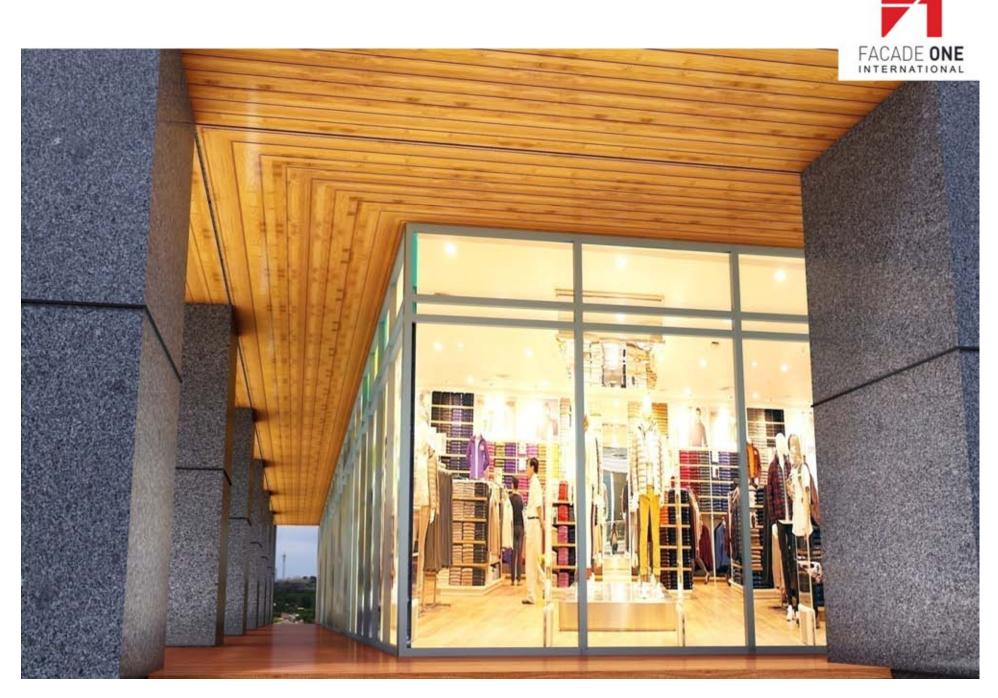




SWISSCLAD ARTICULATED WALL SPANDREL





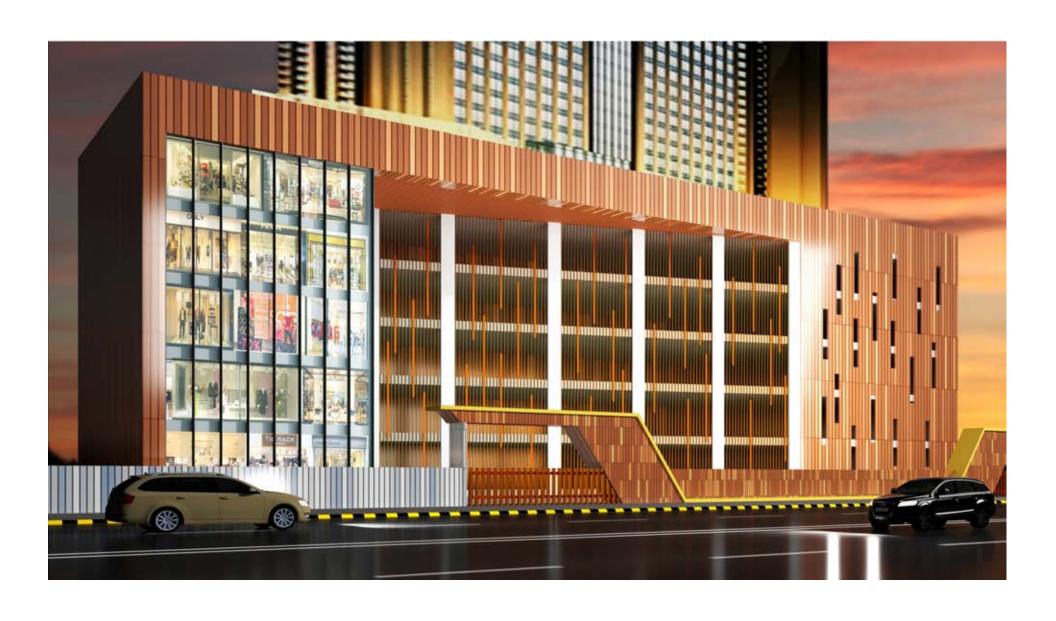
























SCLAD

FALSE CIELING



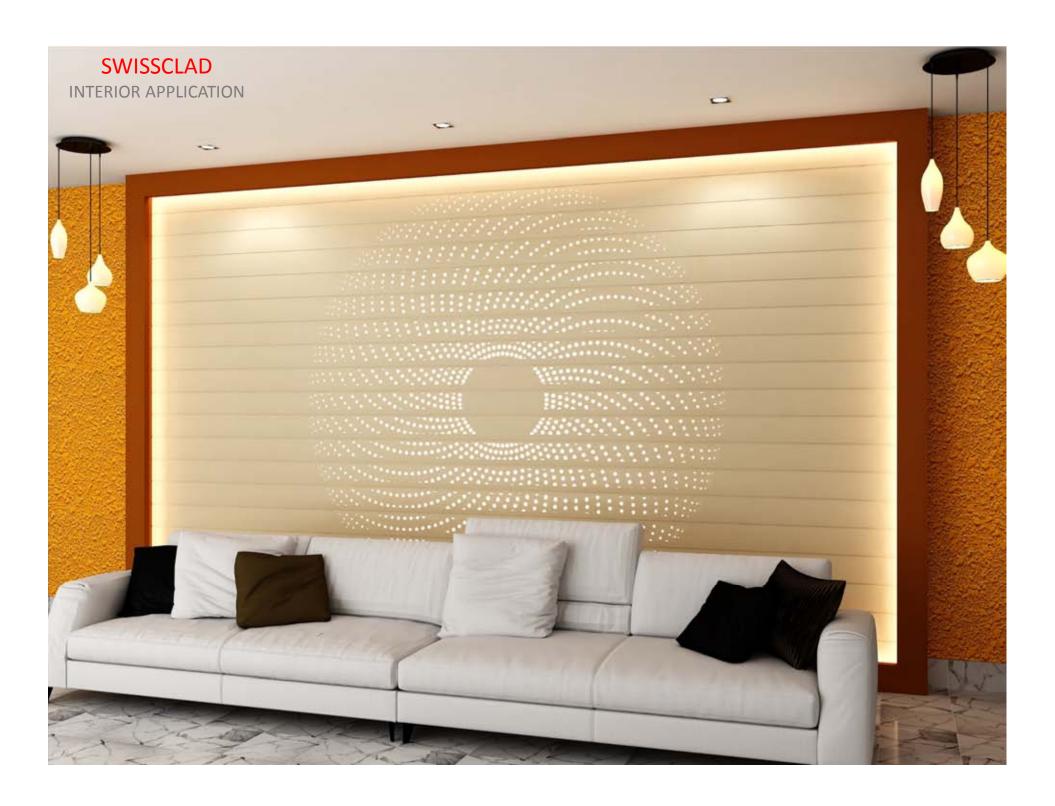




SCLAD SOFFIT









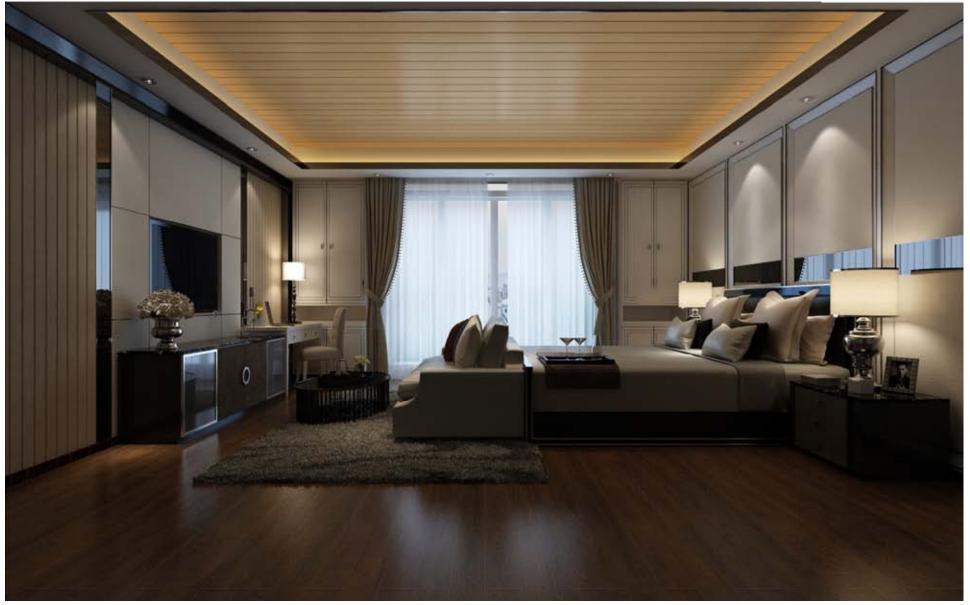


PERFORATED COLUMN

SCLAD

FALSE CIELING





VARIENTS





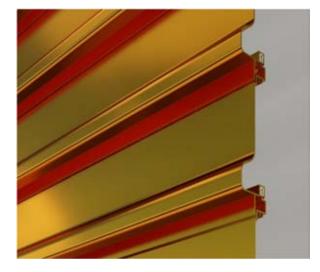






OFFSET 150

ZIGMA 150





ALSO CUSTOMIZED
AS PER YOUR REQUIREMENT

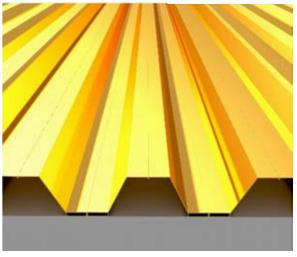
OMEGA 150 OMEGA 250

VARIENTS

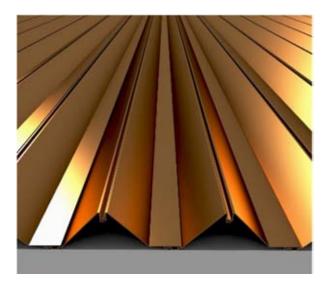


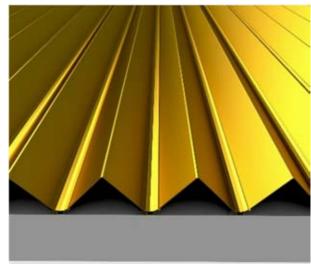






SIGMA 200 APEX 100 OFFSET 220





ALSO CUSTOMIZED
AS PER YOUR REQUIREMENT

APEX 260 APEX 230



SWISS CLADDING CONNECTION DETAILS

SWISS CLADDING

GRID SYSTEM



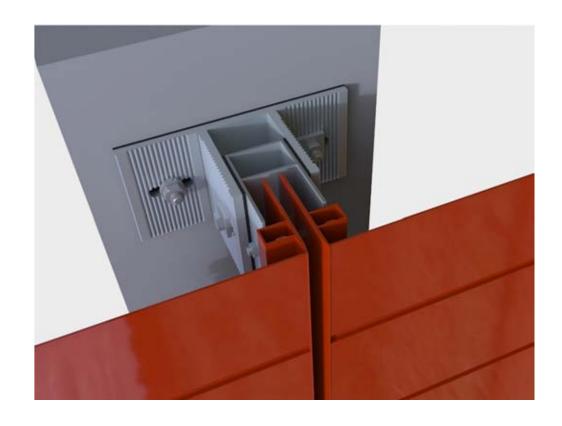




SWISS CLADDING

HOOK ON SYSTEM



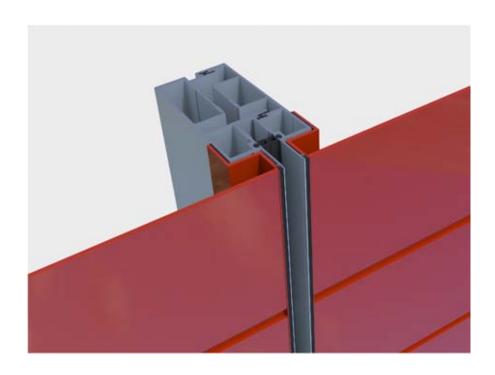




SWISS CLADDING

UNITISED SYSTEM

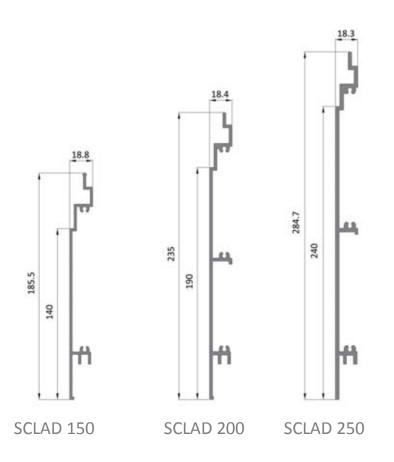


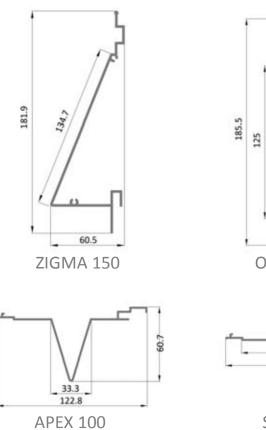


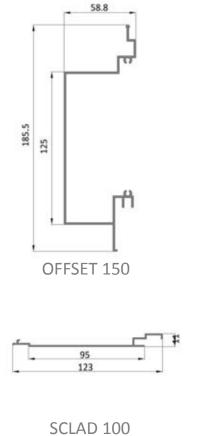


2D SECTIONS











TEST CERTIFICATIONS



Tested at CBRI ROORKE
Fire Class A1
Non Combustible
No Toxic Smoke



Tested at FAÇADE INDIA TESTING INC

Tested for WIND LOAD 1 KPa - 7 KPa



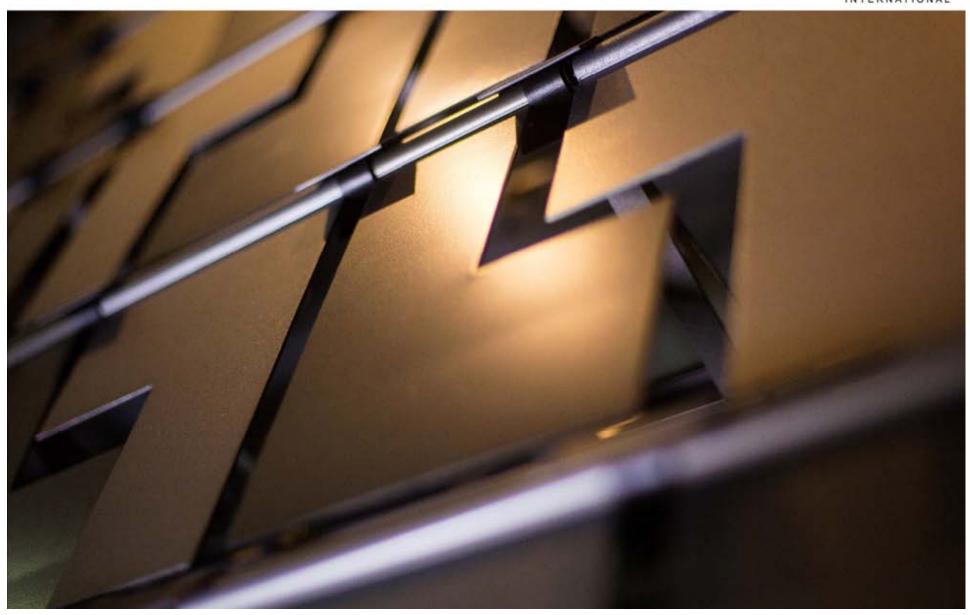
ROI

- Highest Return on Investment.
- Human Life , Intellectual data , Property safety under fire
- Lesser Insurance Premium from insurance co.
- Confirms to National / International Building code (NBC & IBC)
- Confirms to Local Fire Authority requirement (CFO & Municipal)
- Confirms to Green Building Certification.

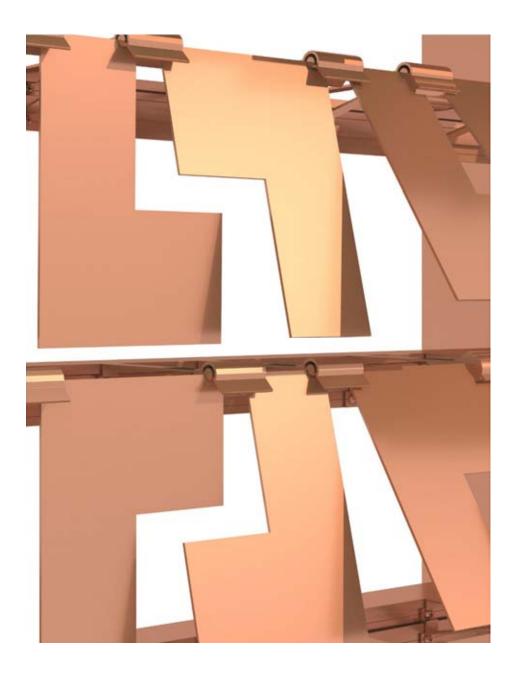


DYNAMIC FACADES



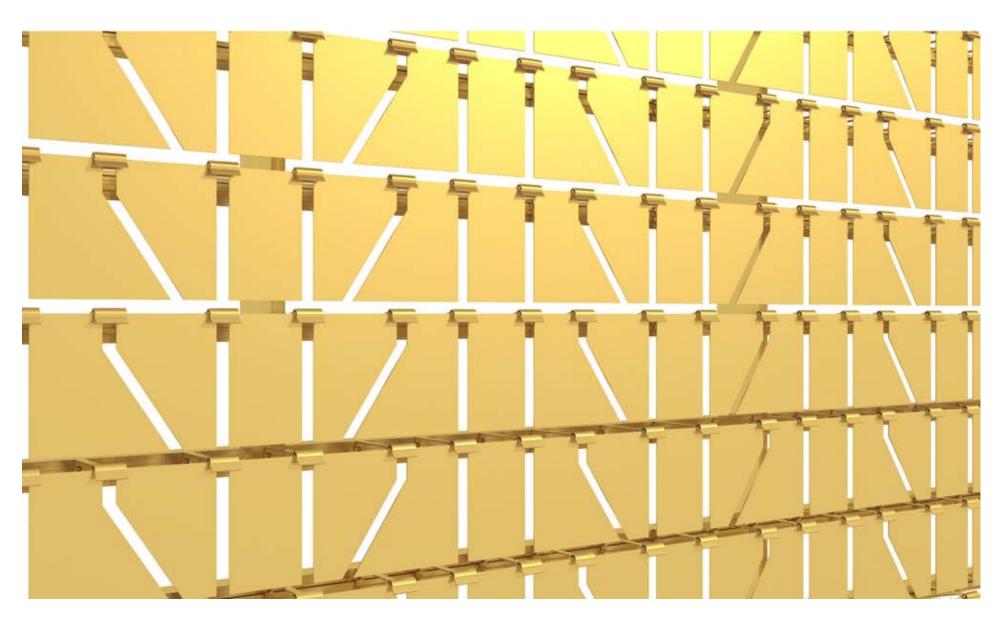


DYNAMIC FACADES

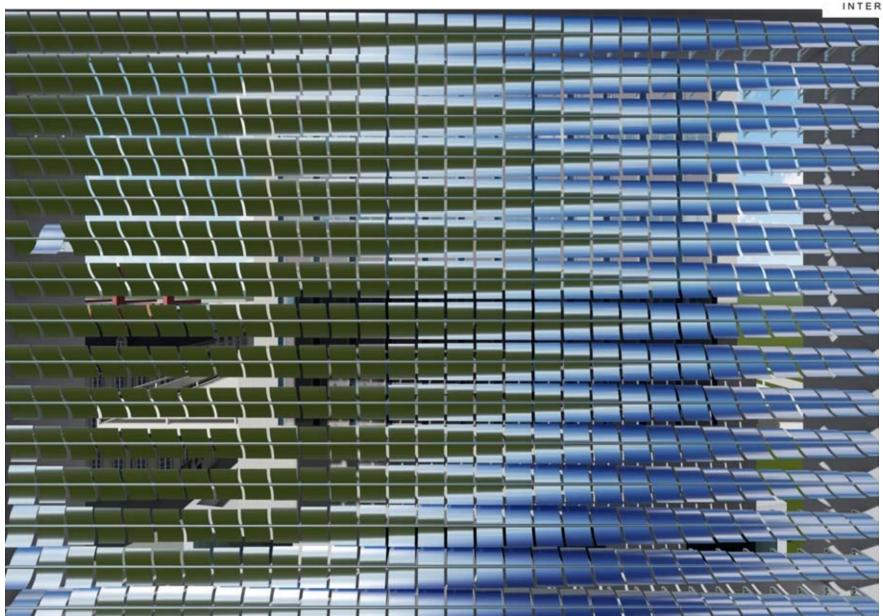




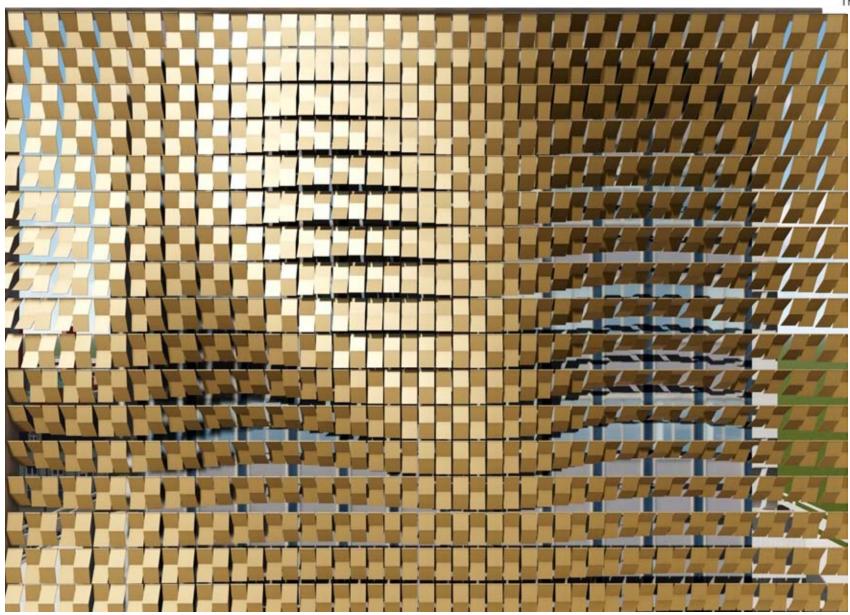


















SLIM LINE SLIDING WINDOWS

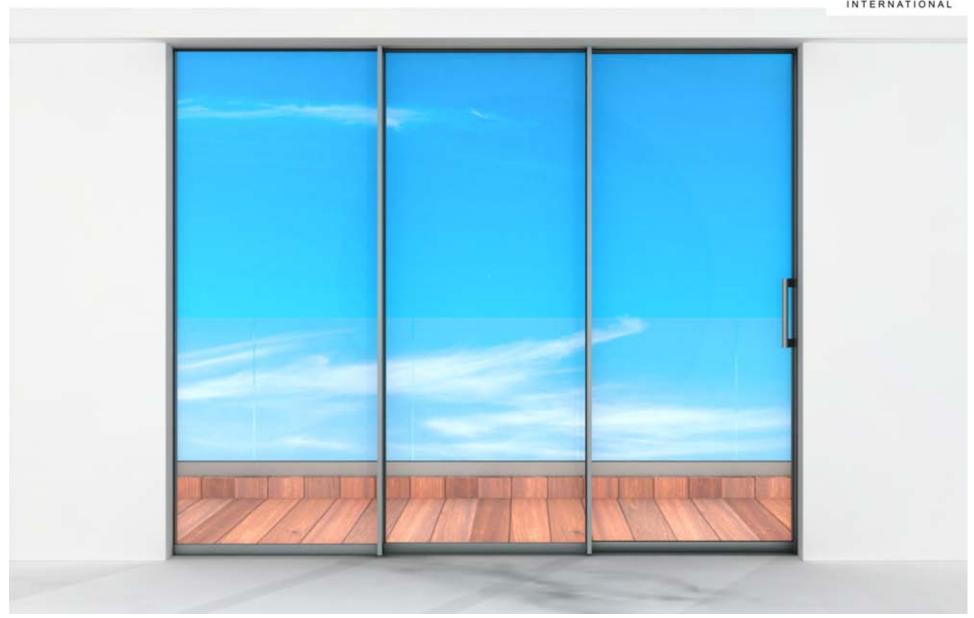
Innovation to slim aesthetics



SLIM LINE WINDOWS

- Slim Interlock 20mm /26mm/30mm
- Height of Window 2m 6 m
- Air Tightness upto 500 Pa
- Water Tightness Upto 600 Pa
- Structural up to 9.5 kpa
- Complete range of windows
- European Accessories





SLIDING WINDOW WITH INBUILT RAILING – 3T3S





SLIDING WINDOWS WITH INBUILT RAILING – X-2X-X









CURTAIN WALL WITH STRUCTURALLY GLAZED WINDOW





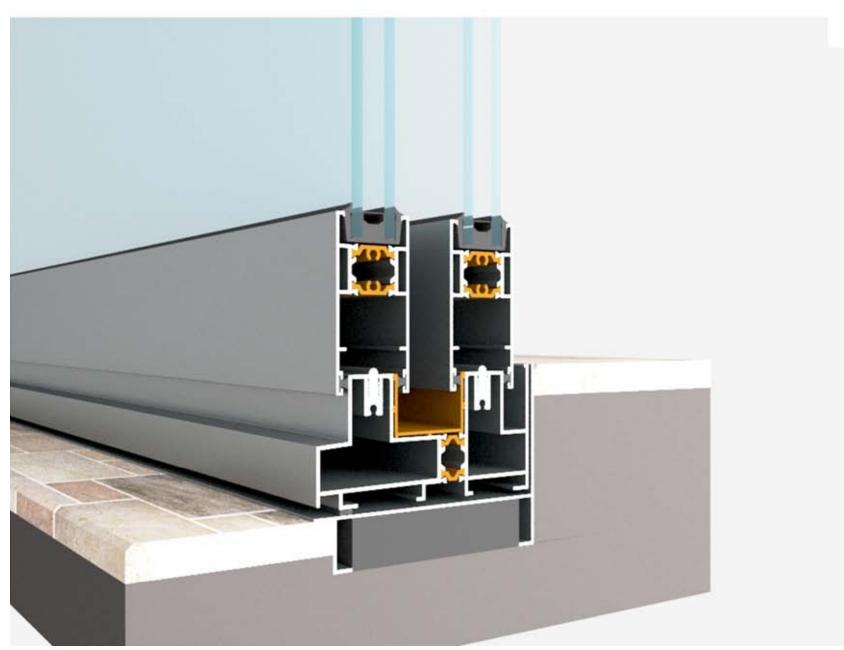
CURTAIN WALL WITH POPUP WINDOW





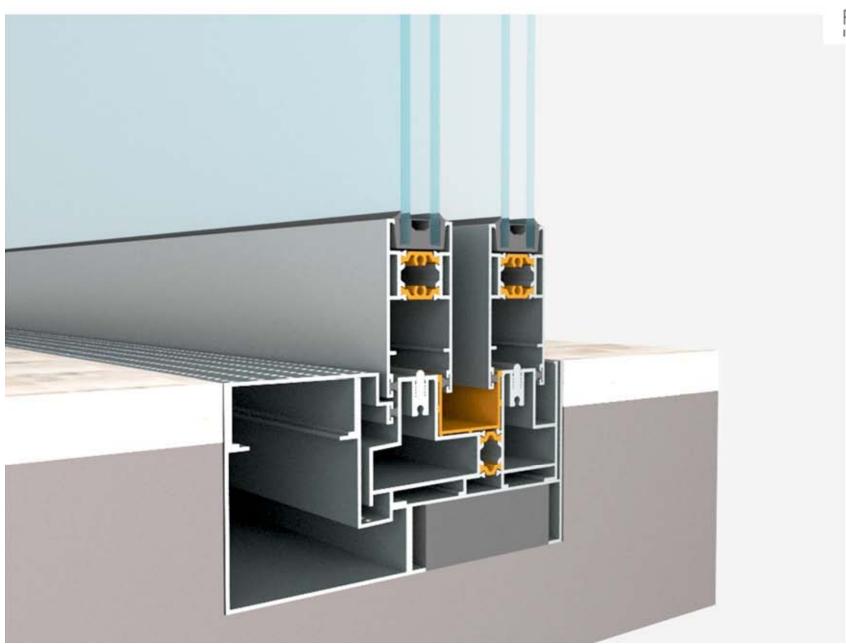
THERMAL BREAK 2T2S INSIDE FLUSHED TRACK



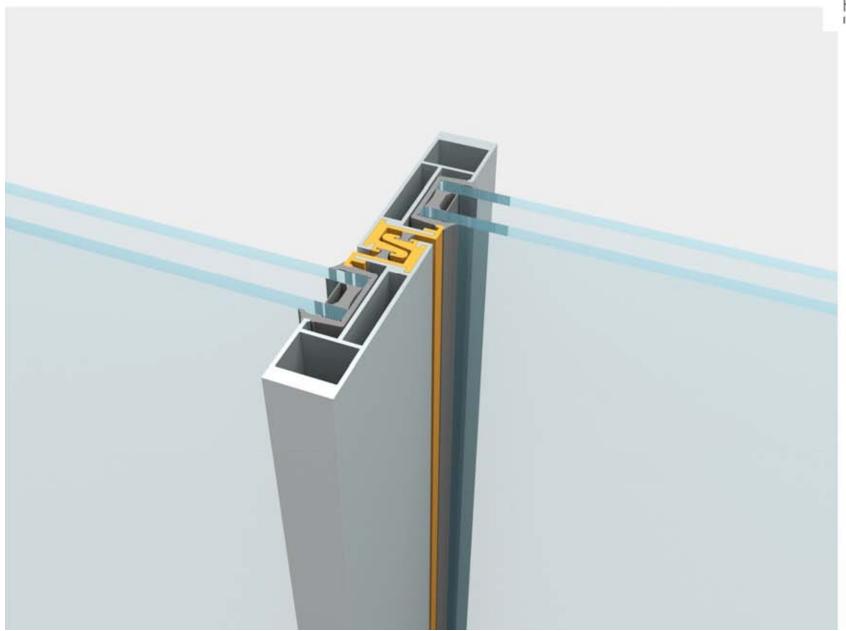


THERMAL BREAK 2T2S FULL FLUSHED TRACK



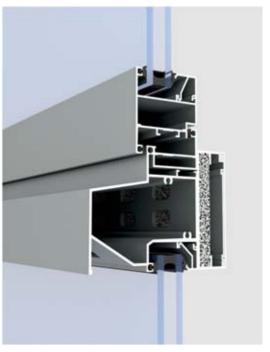






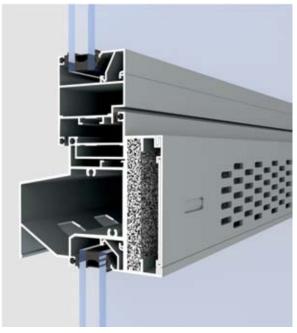












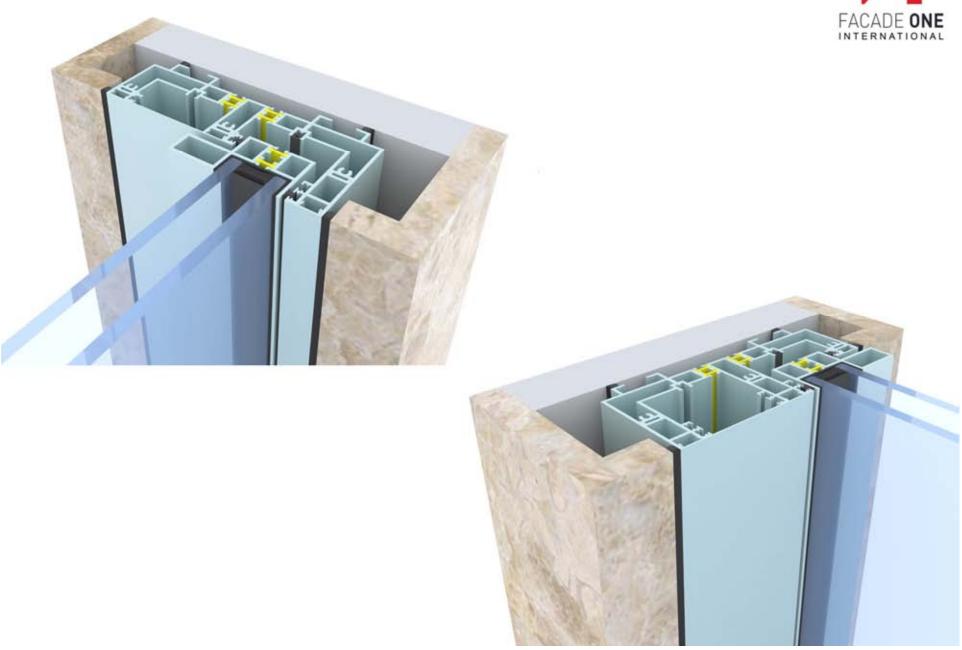




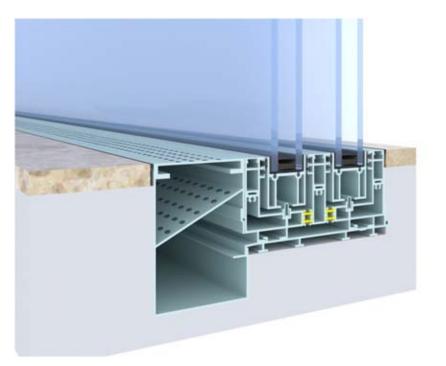


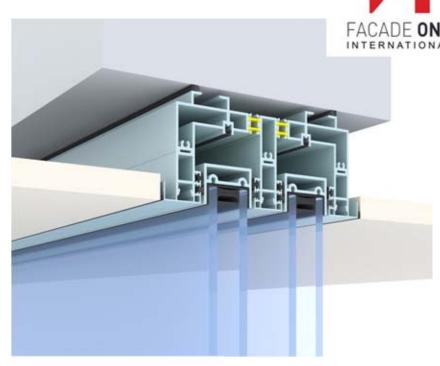


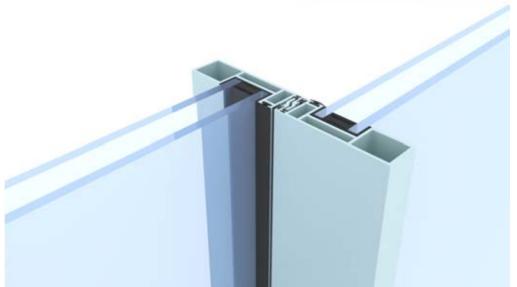




PANAROMA KHALID WINDOW









ARCHITECTURAL LOUVERS

Innovation to Architectural Imagination







VERTICAL FIN LOUVERS











SLIDING LOUVERS







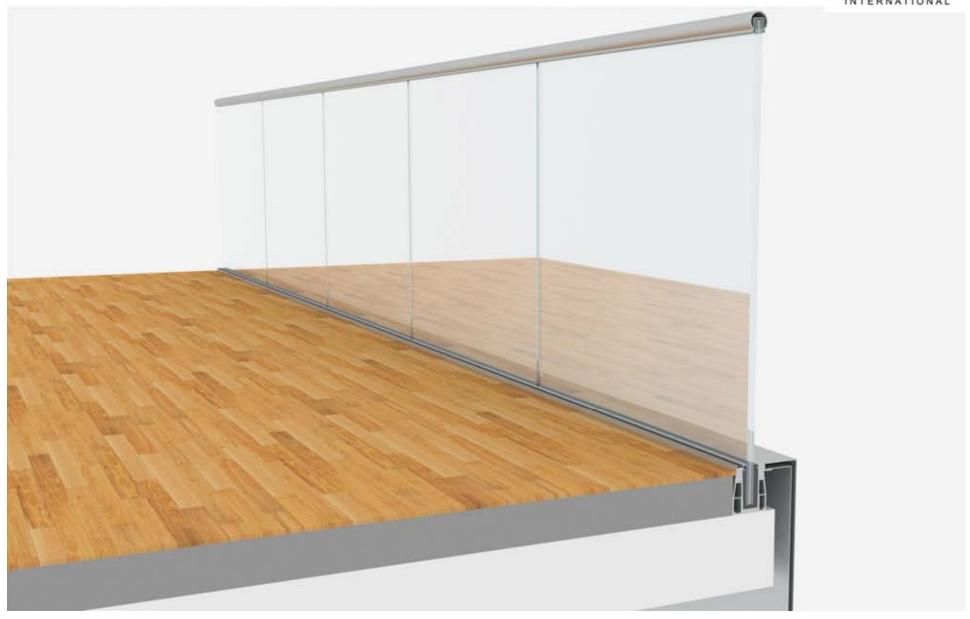
SLIDING LOUVERS

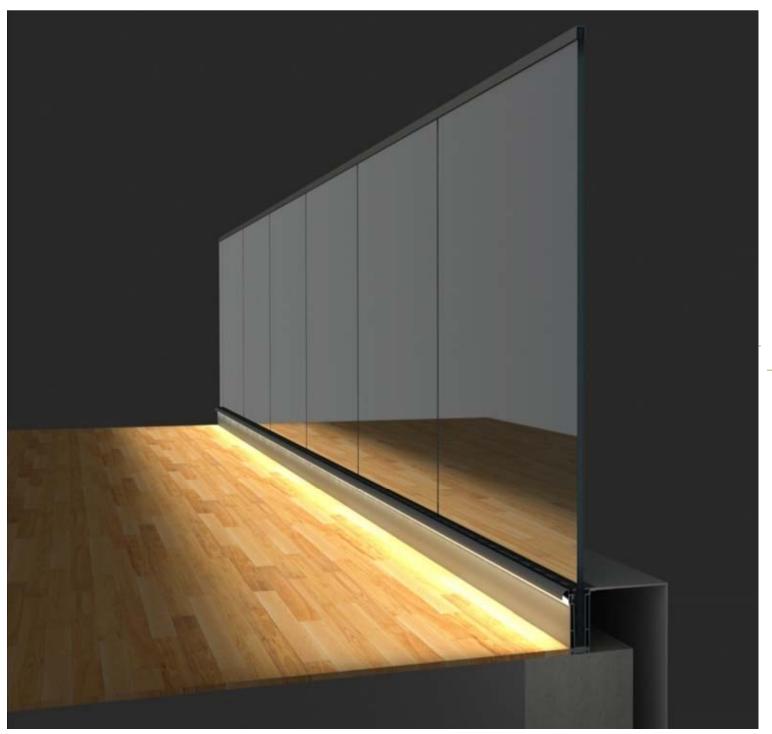


SEAMLESS RAILINGS

Innovation to Seamless Safety







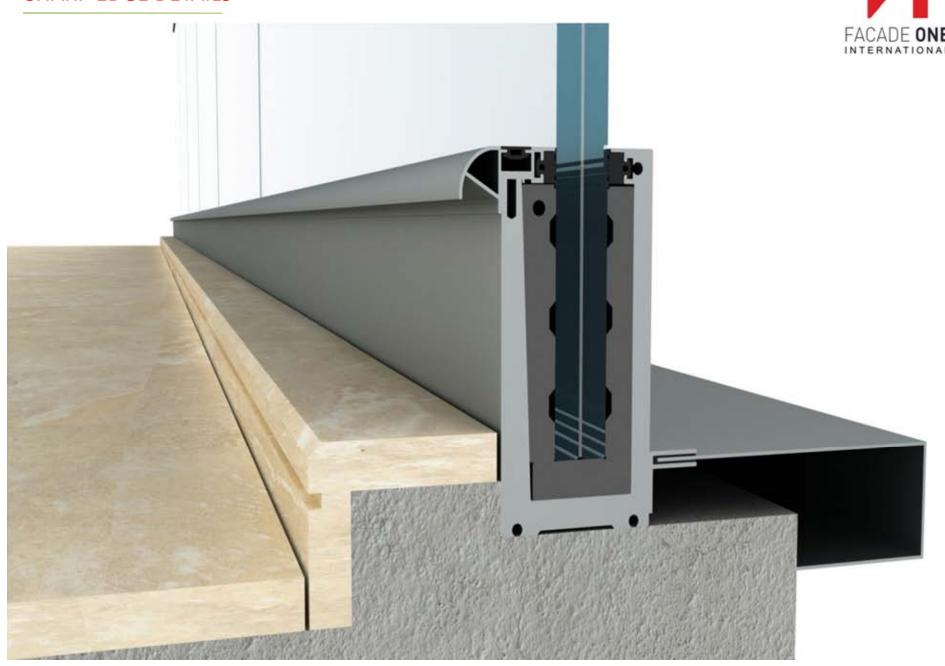


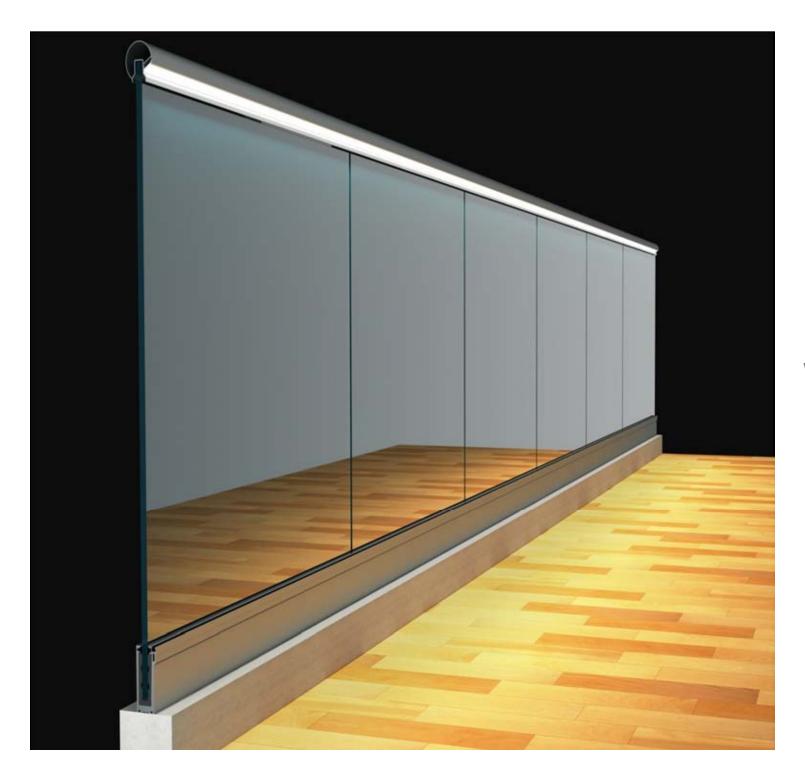
BALCONY LED INTEGRATION





SHARP EDGE DETAILS



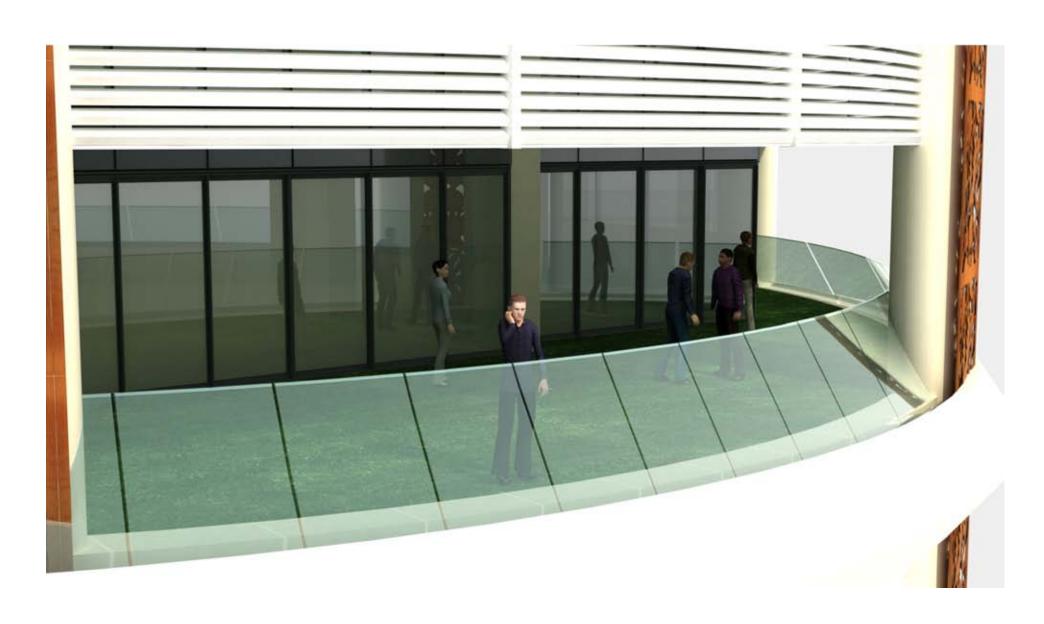


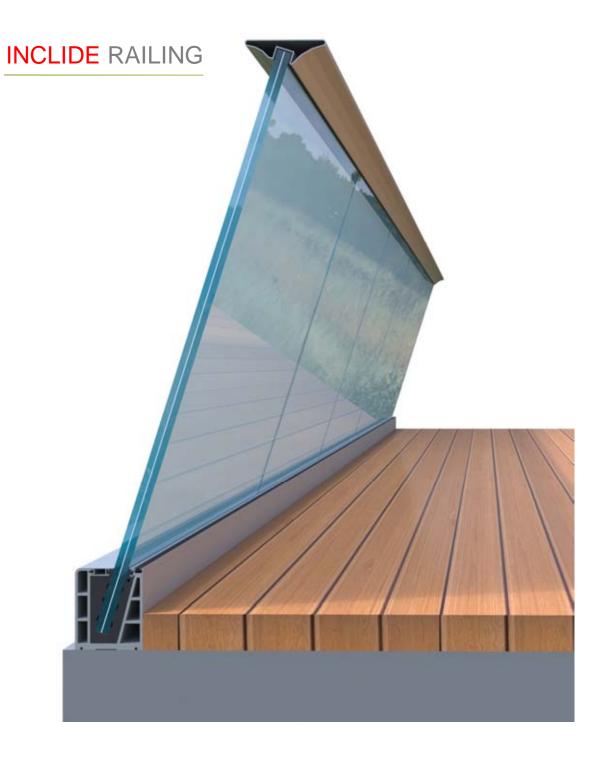


LED FROM TOP

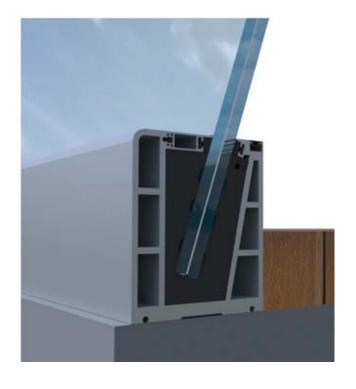
WASHING BALCONY









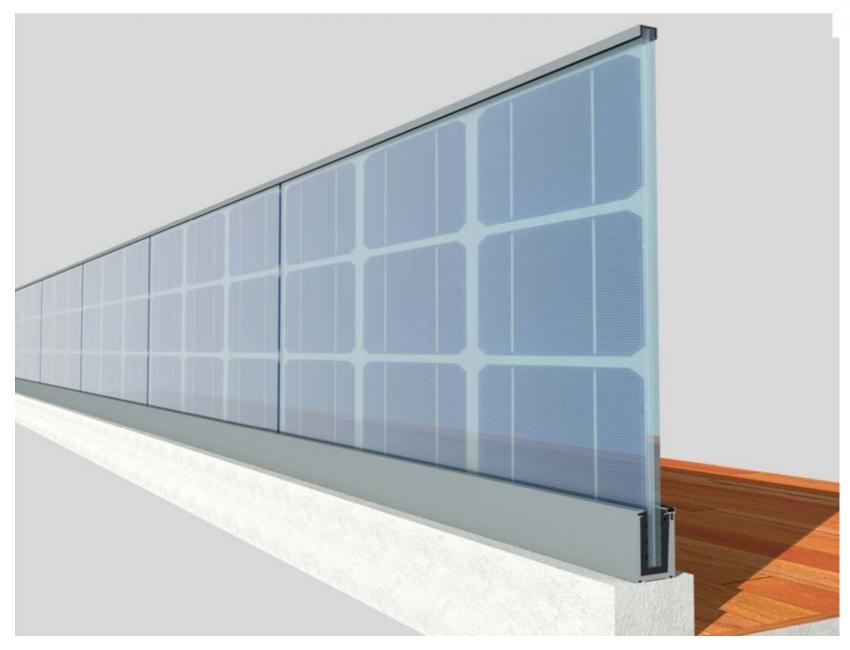


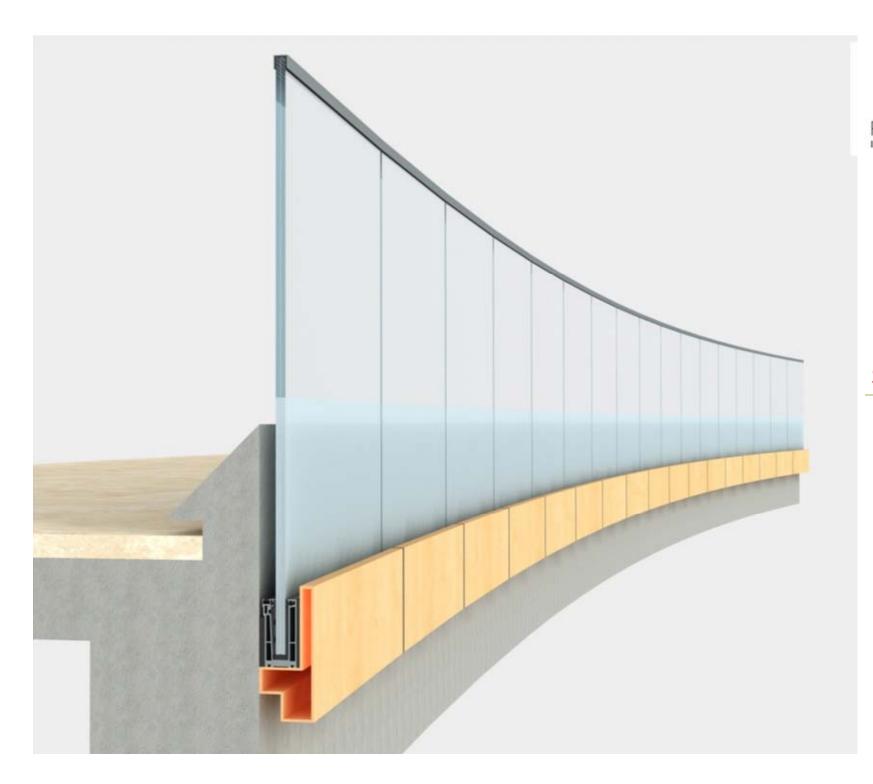




INTEGRATED SOLAR PANEL









CURVED SLAB EDGE







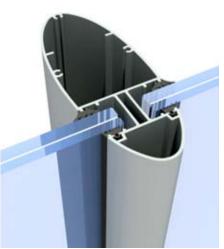


GLASS FIXING INSIDE

OBLONG SHAPE RAILING





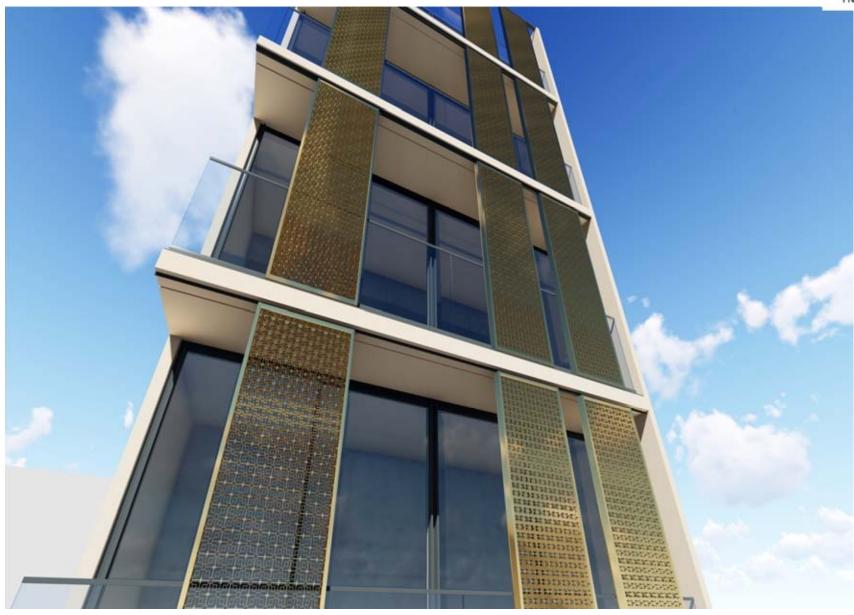




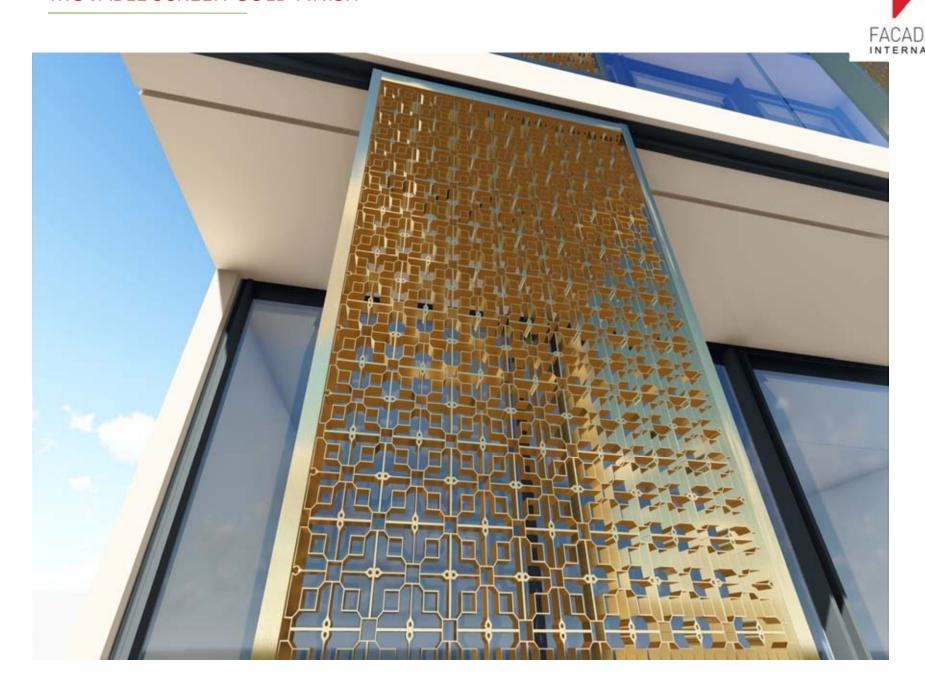
MOVABLE SCREENS

Innovation to Architectural Imagination

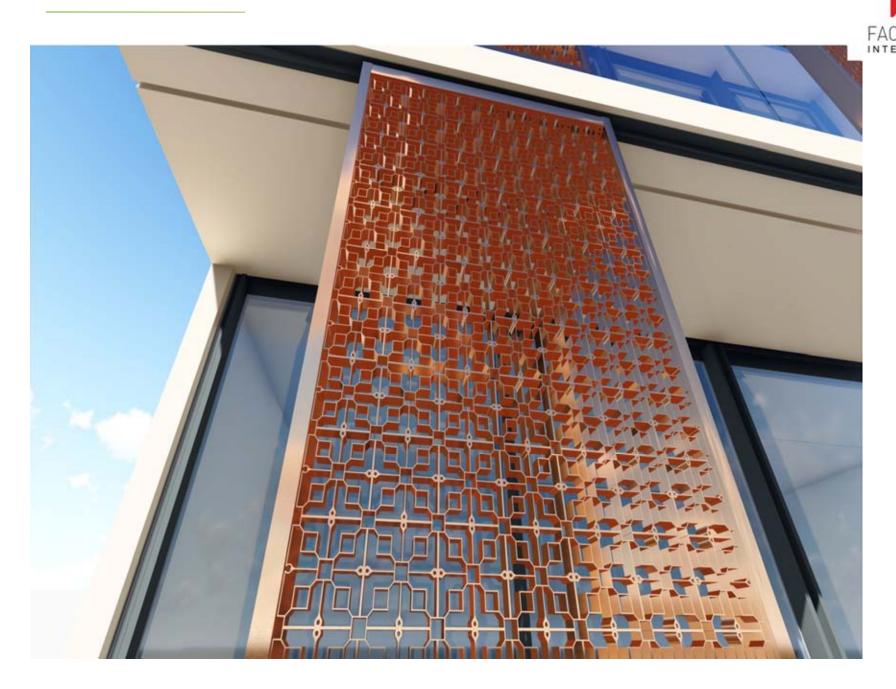




MOVABLE SCREEN GOLD FINISH



MOVABLE SCREEN ROSE GOLD FINISH





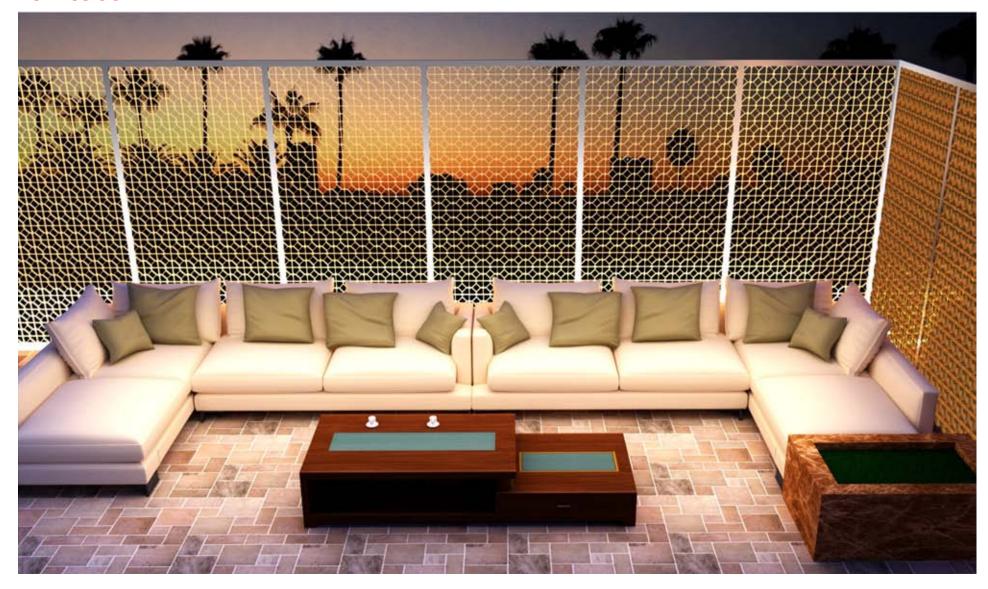
Innovation to Architectural Imagination



- All Aluminium 3D Screen
- 20 Designs complimenting architecture
- Exterior & Interior application
- Screen thickness can be 10mm to 60mm

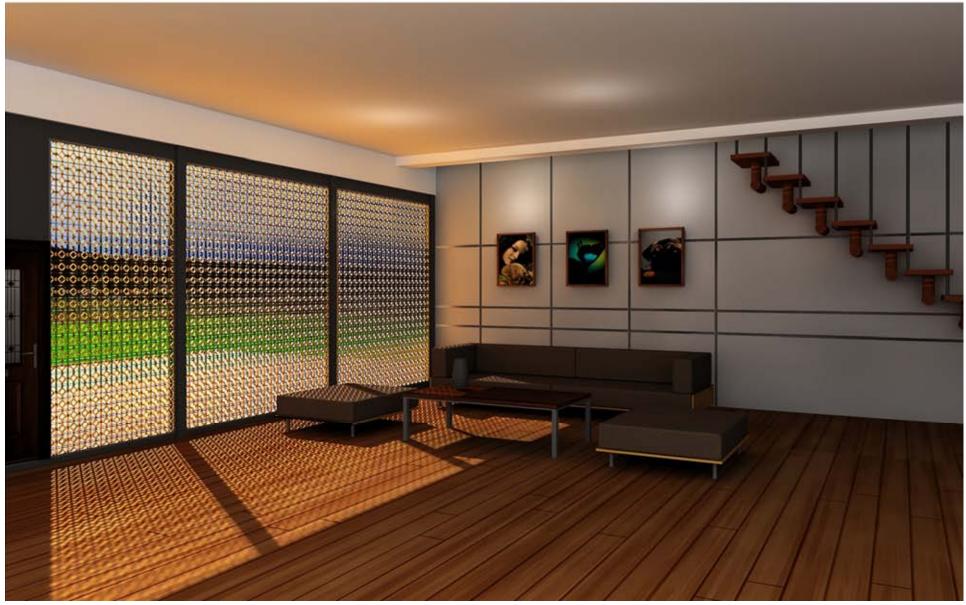


SWISS SCREEN OUTDOOR SITTING

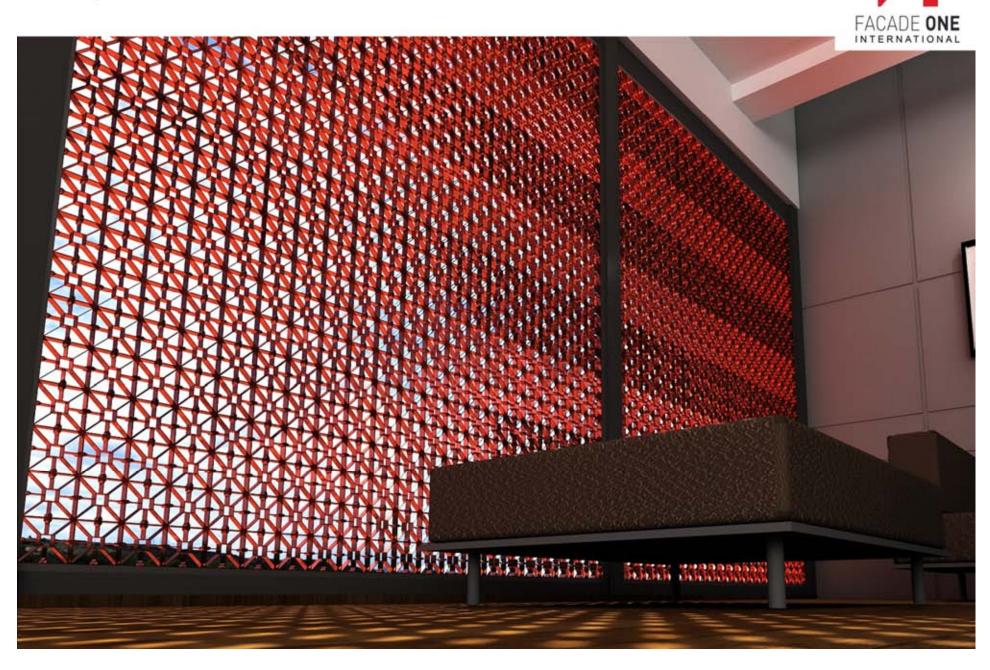




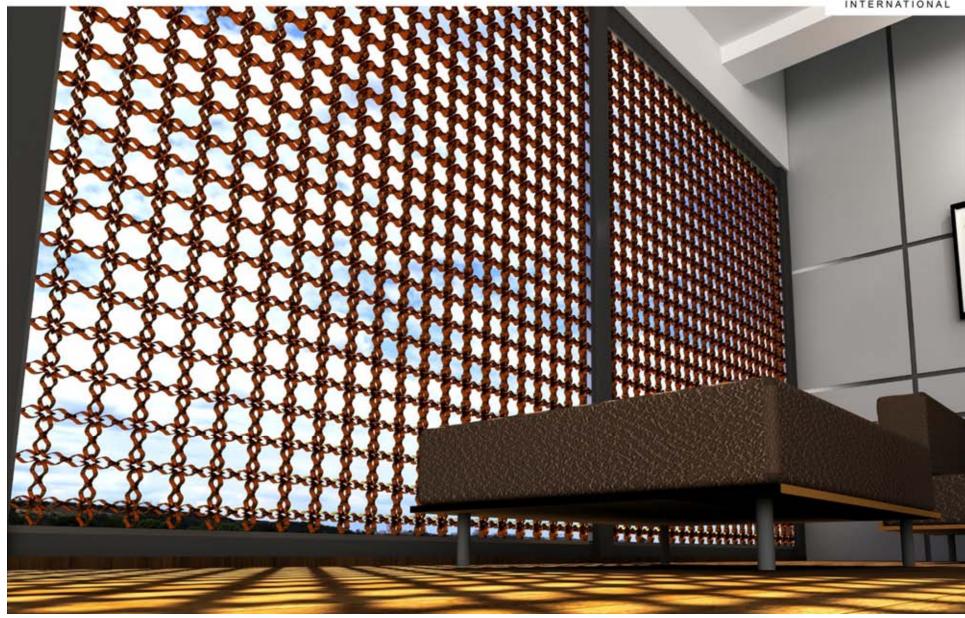
SWISS SCREEN LIVING ROOM APPLICATION



SINGLE / DOUBLE SKIN







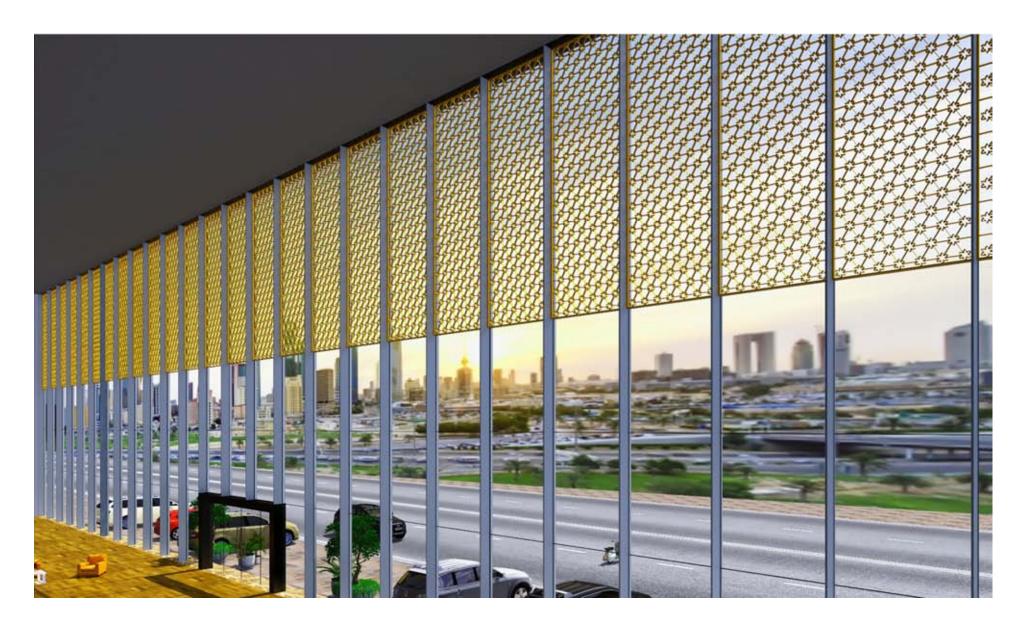
ENTRANCE GLAZING WITH SCREEN





ENTRANCE GLAZING WITH SCREEN









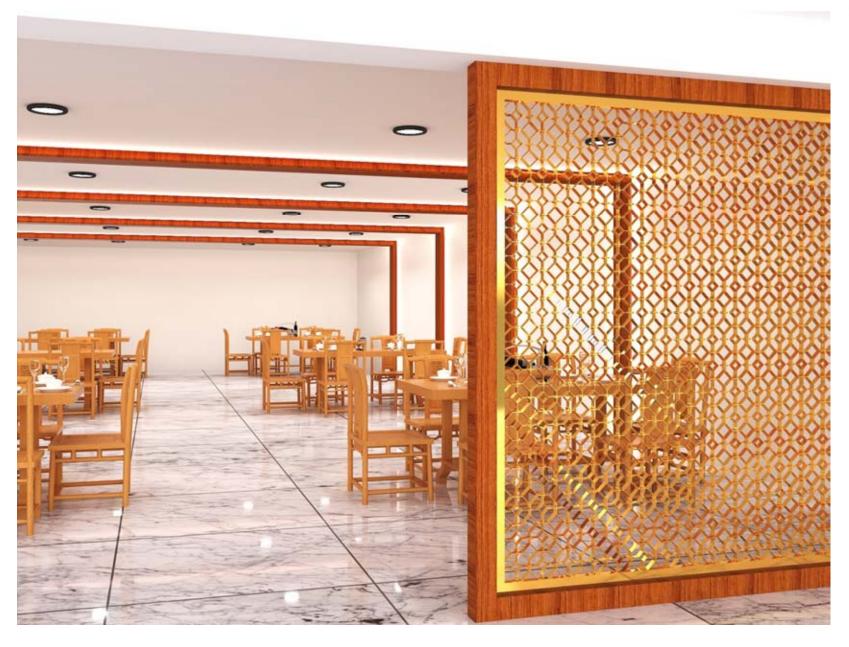


SWISS SCREEN INTERIOR



SWISS SCREEN INTERIOR







OUTDOOR SITOUT

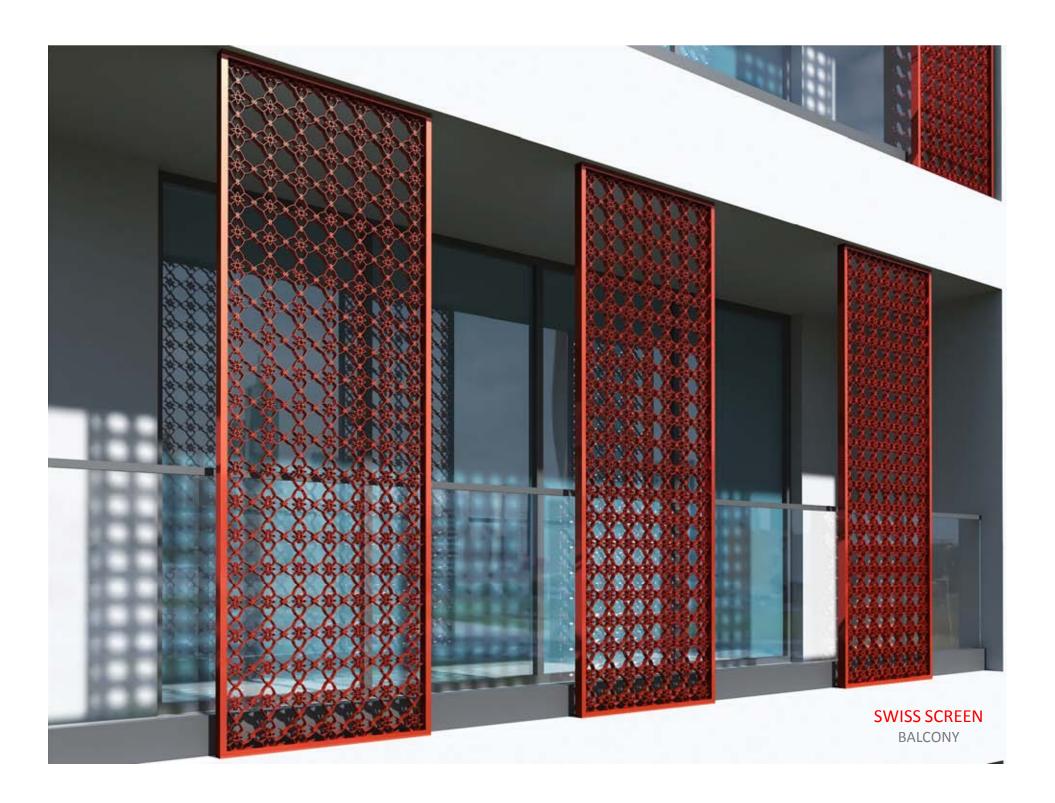




OUTDOOR PERGOLA WITH SCREEN



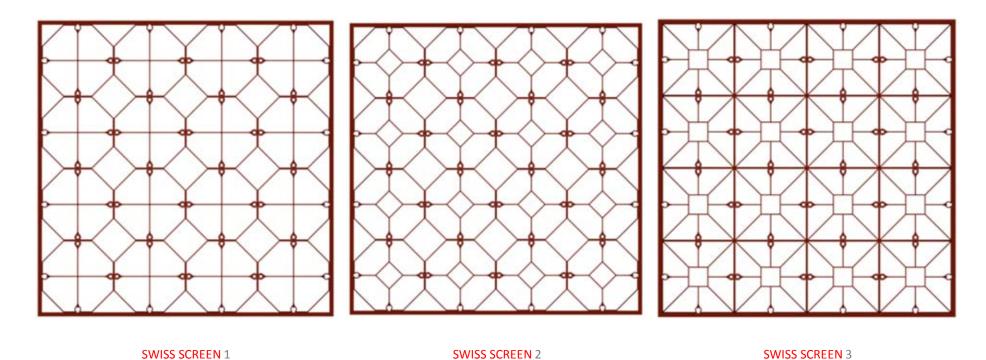




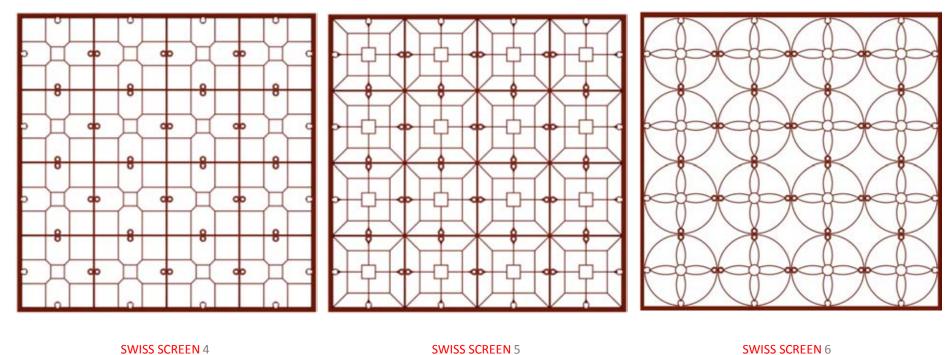


SWISS SSCREEN CONNECTION DETAILS



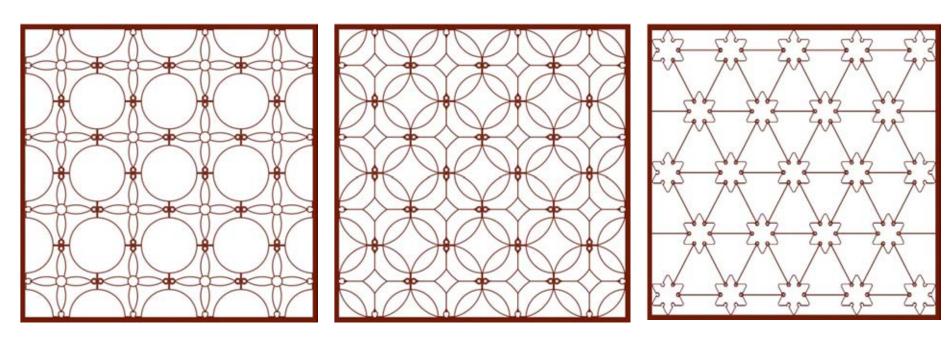






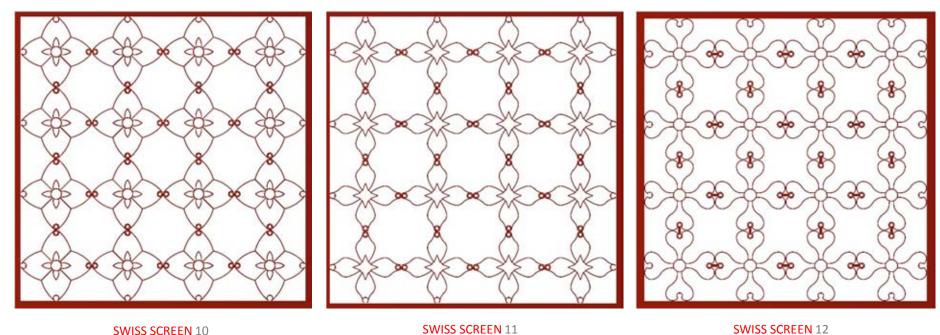
SWISS SCREEN 5





SWISS SCREEN 7 SWISS SCREEN 8 SWISS SCREEN 9

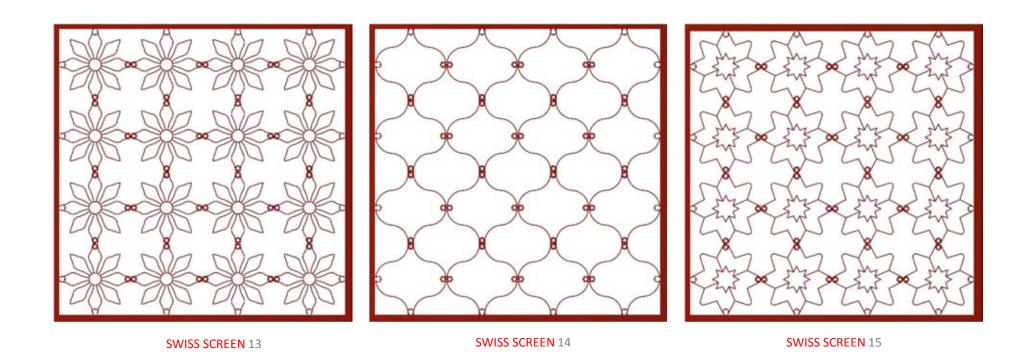




SWISS SCREEN 11 SWISS SCREEN 10



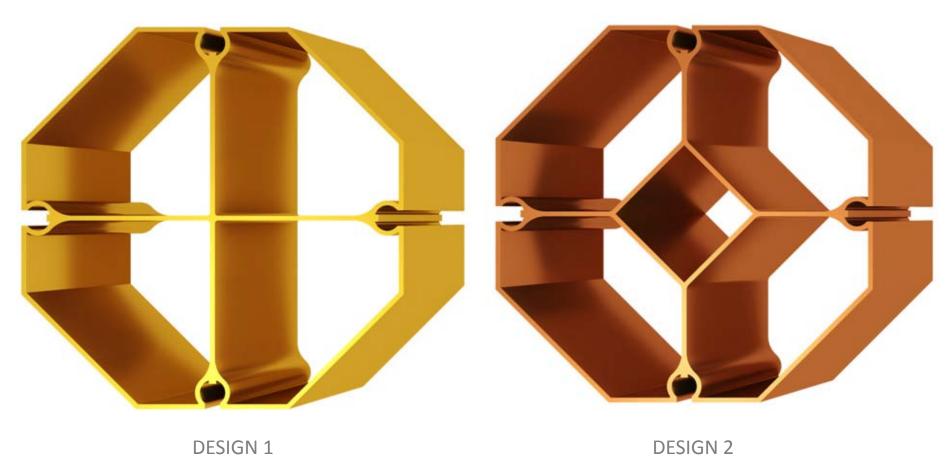




ALSO CUSTOMISED TO ARCHITECTURAL IMAGINATION

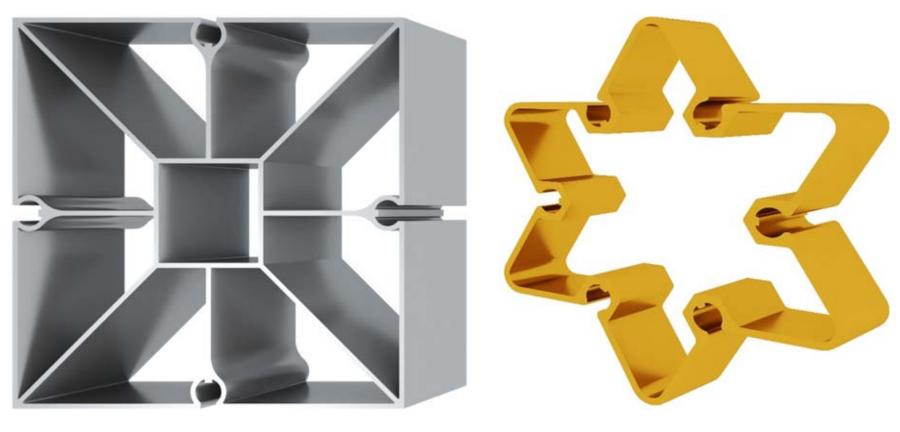
SOME FINISHES





SOME FINISHES





DESIGN 3 DESIGN 9

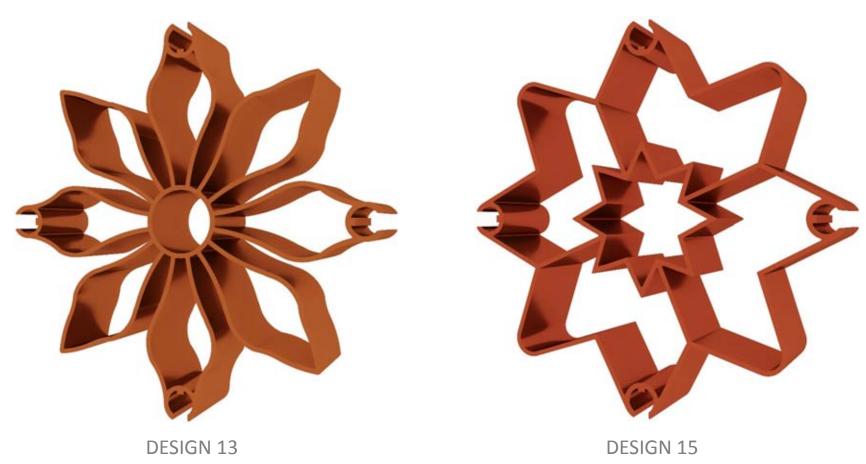
SOME FINISHES





SOME FINISHES





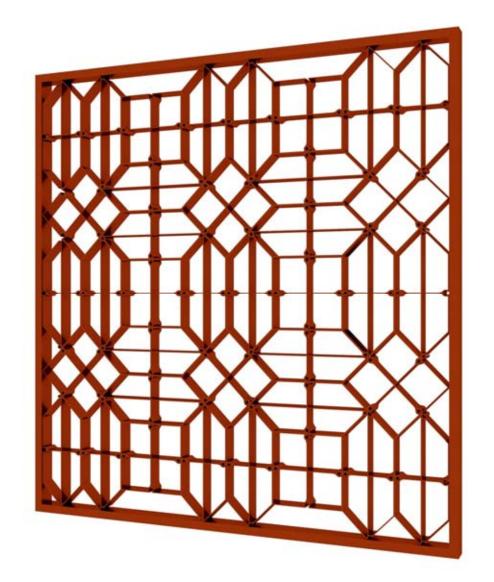
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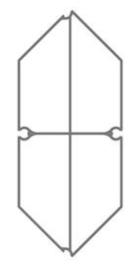


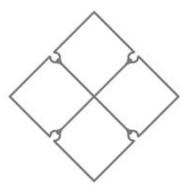


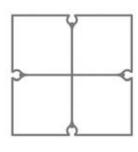
SOME FINISHES





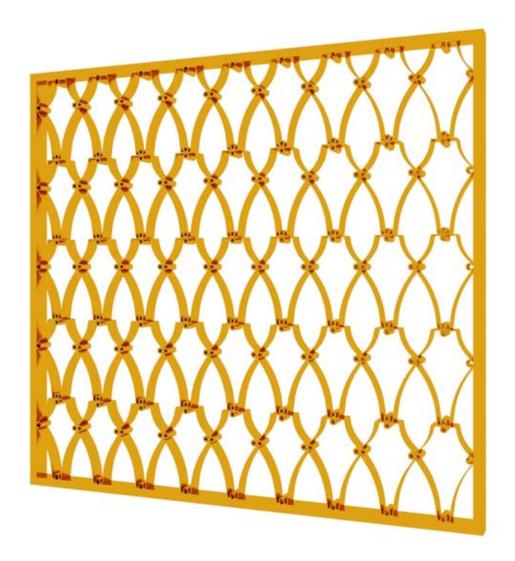


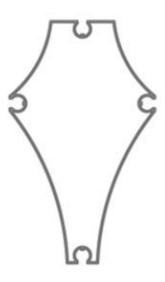




SOME FINISHES

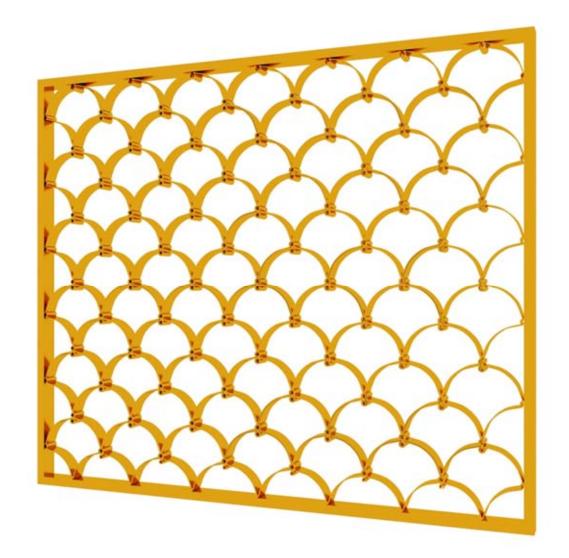






SOME FINISHES



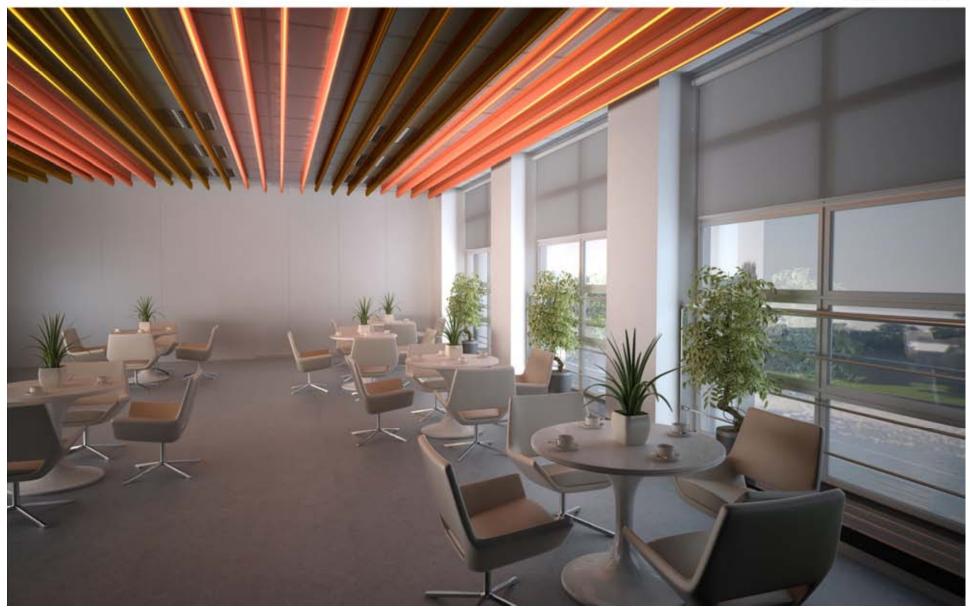






BAFFEL DESIGNS



















SELECTED WORKS



Project : CEEBROS ONE74

Client : CEEBROS

Architect : RMA

F1 System : INFINITY Sliding System 10000 m²,

Seamless Railing 10,000 m²

Completion By: DEC 2017





Project : DY PATIL UNIVERSITY, MUMBAI

Client : DY PATIL GROUP

Architect : FOSTER + PARTNERS

F1 system : INFINITY sliding system 12000 m²

Facade contractor : ANGEL FAÇADE SYSTEM

Completion by : 2018





Project : KOHINOOR SQUARE (205mtr tall) Commercial

Client : KCTNL Mumbai

Architect : GKK Works & SAA Mumbai

F1 System : Articulated Unitized curtain wall system 96000 m²

Facade contractor : Glass Wall Mumbai

Completion : By Dec 2018







Project : ALTAIR Colombo. Residential 284m tall

Client : Indocean Developer Pvt Ltd

Architect : Mosse Safdie

F1 System : Baluster & Seamless Railing 6000 Rmt

Facade contractor : Nitson & Amitsu Kolkata

Completion By : Dec 2018







Project : BRIGADE WTC Bangalore - 128 mtr tall Commercial

Client : Brigade Enterprise Ltd

Architect : HOK & Venkatraman Associates

F1 System : Skewed Unitised curtainwall system 52000 m²

Facade contractor : SP Fab Mumbai

Completion By : Dec 2012





Project : BRIGADE WTC Bangalore - 128mtr tall Commercial

Client : Brigade Enterprise Ltd

Architect : HOK & Venkatraman Associates

F1 System : Skewed Unitized curtain wall system 52000 m²

Facade contractor : SP Fab Mumbai

Completion By : Dec 2012







Project : SHERATON HOTEL Colombo

Client : Lanka Hotel & Residences Ltd.

Architect : ATKINS

F1 System : Unitized Strip glazing system 12000m2

Facade contractor : Glass Wall Mumbai

Completion By : January 2016







Project : WORLD TRADE TOWER, Noida -

Client : Brigade Enterprise Ltd

Architect : NEB, DUBAI

F1 System : Unitized curtain wall system 42000m2

Facade contractor : True Wall System

Completion By : March 2016







Project : KARLE TOWN CENTRE, Bangalore -

Client : Karle Infra

Architect : MERGE STUDIOS

F1 System : Unitized curtain wall system 22000m2

Facade contractor : SP FAB

Completion By : December 2015





Project : RAMUNUJAN IT CITY

Client : TRILL INFO PARK LTD

Architect : EDIFICE ARCHITECTS

F1 System : Unitized curtain wall system 15000 m2

Facade contractor: NOBLE GLAZING

Completion By : MAY 2015





Project : HNH Hospital, Mumbai -

Client : RELIANCE INDUSTRIES LTD

Architect : PERKIN + WILL USA

F1 System : Unitized curtain wall system 20000m2

Facade contractor : MS ENGINEERS







Project : WAVE ONE , NOIDA -

Client : WAVE GROUP

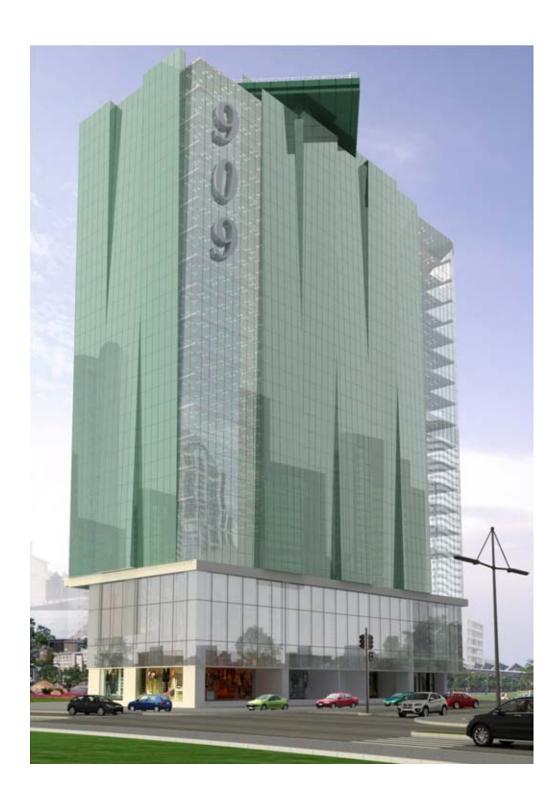
Architect : NOSTRI ARCHITECTS USA

F1 System : Unitized curtain wall system 47000m2

Facade contractor : GLASS WALL

Completion By : FEB 2018





Project : SKAV 909 , BANGALORE -

Client : SKAV PROPERTIES

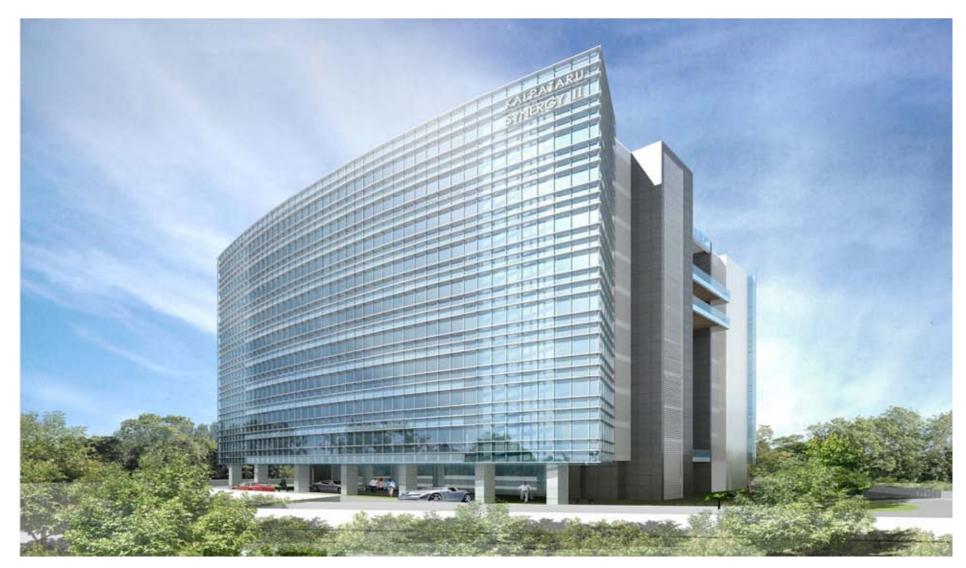
Architect : TEAM 2

F1 System : Unitized curtain wall system 15000m2

Facade contractor : ENVELOPES

Completion By : July 2016





Project : SYNERGY 2 -

Client : KALPATARU HOMES LTD

Architect : AEDAS PTE LTD

F1 System : Unitized System 13000 m2

Facade contractor : AZAD FAÇADE

Completion By : FEB 2015





Project : TCS, PUNE

Client : OMKAR REALTORS

Architect : EDIFICE CONSULTANTS

F1 System : Unitized System 15000 M2

Facade contractor : SP FAB





Project : SYNTEL TIRUNELVELLI

Client : SYNTEL

Architect : EDIFICE CONSULTANTS

F1 System : Unitized System 3000 M2

Facade contractor : SMA





Project : COURTYARD MARRIOT HOTEL

Client : MRG HOSPITALITY

Architect : DESBUILD KRIS ASSOCIATED ARCH

F1 System : Unitized System 11500 M2

Facade contractor: HATIM GLAZING





Project : ATMOSPHERE, KOLKATA

Client : FORUM PROJECTS

Architect : ARC STUDIO

F1 System : Curtain wall ,Sliding System 22000 M2

Facade contractor: GLASS WALL SYSTEM





Project : LOTUS 101

Client : ENPAR GROUP

Architect : SKYLINE ARCHITECTS

F1 System : Seamless Railing 7,800 M2

Facade contractor : GLASS WALL SYSTEM





INDIA I DUBAI I USA I SWITZERLAND

201, DOSTI PINNACLE, WAGLE INDUSTRIAL ESTATE THANE (WEST). MUMBAI +91-22-6767 3300 I sales@facade1.com I www.facadeone.com