

Facade ONE International

Facade ONE Internationalis a leading Facade Solution and System Supply Company established in year 2012. Based in Mumbai, Facade ONE has International office at Dubai, Sales offices in Switzerland & USA shall be operational in 2019.

The company is part of 15 year old Facade India Group, providing complete solutions backed up by Cutting Edge Technology with highest performance parameters.

Facade India Group having three core technical verticals of Facade Design Consulting, Facade Performance Testing and Facade system solution gualifies uniquely at Global level.

The philosophy and DNA or organisation is Innovation and Differentiation.

Leadership

The VisionaryFounder member VS. Ravi with his 35 yrs of rich experience in Facade Engineering along with New generation member Shashank Iver with his 8 years of Facade and Strategic management experience bringing combination of experience and Dynamism to the Company's growth.

Under leadership of V. S. Ravi, Facade India Group has become a brand and most sought after Design Consulting & Testing Laboratory having delivered more than 550+ Projects all over India and abroad. The Façade India Group has Design & Engineering Cell + large Testing laboratory Vertical + System Solution Company. This brings best Technological Features in the products with high Performance in the System.

Positioning

Facade ONEInternationalbecame one of most Innovative and Quality oriented System Supply Company in last 6 yrs of its Operation. Innovation, Sustainable design, Passion one the Hallmark of Façade ONE International Philosophy. Innovation being in the DNA of company has resulted in many IPR and Design Patents. World class infrastructure with Design office spread over 12000 ft2 and R&D centre over 150000 ft2. The manufacturing and supply sources from India as well from Dubai with present extrusion size capabilities up to 510mm.

Up to 92 % of Buildings Architectural requirement which serviced by Facade ONE International Products. Company is poised to grow in India, GCC region, Europe, US, Africa & South East Asia. Facade ONE International has completed 150+ Projects in last 6 yrs of Operation including International projects in Srilanka, Africa & UAE.

Façade ONE International 85+ organisation and fast growing.

Products

- Facade ONE International provides Energy efficient Thermal Break Curtain wall system
- Next generation **Double Skin Unitised System** & BespokeCurtain wall designs to suit Project requirements.

As a special Engineering requirement Facade ONE International also provides solution to Bomb Blast Resistance facade from 8 KPa load to 15 KPa blast load.

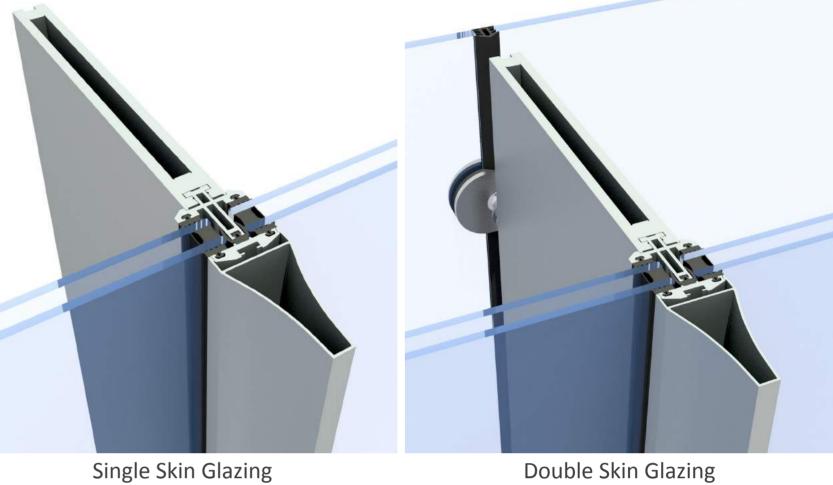
- Unique curtain wall solutions in Skewed, Articulated, Diamond design & Offset design helps Architects to push limits in Envelope design.
- The product portfolio also comprise of Alusleek Lobby Glazing for large spans. Complete range of slim line window system, seamless railings and baluster railings, All aluminium Swiss cladding & 3D Screens, Architectural louvers etc.



ALUSLEEK ENTRANCE GLAZING

ALUSLEEK VERTICAL ARCHITECTURE





30300

PERFORMANCES		
1. MATERIAL		
Aluminium	Alloy 6063 - T6 / 6061 - T6	
2. DESIGN STANDARDS		
IBC	International Building Code	
BS EN	British Standard European Norm	
NFRC	Overall Facade Thermal Resistance Meeting National Fenestration Rating Council (NFRC) Energy Performance Requirement	
3. PERFORMANCE		
Thermal Resistance (Uf - Value) (EN ISO 10077-2 / EN ISO 10211)	0.72 BTU/hr/ft²/°F - 1.39 BTU/hr/ft²/°F (4.1 W/m².K - 7.9 W/m².K)	
Air infiltration (ASTM E 283)	6.25 psf (300 Pa)	
Water Resistance (Static) (ASTM E 331)	12.53 psf (600 Pa)	
Water Resistance (Dynamic) (ASTM E 501.1)	12.53 psf (600 Pa)	
Wind Load Resistance (Structural) (ASTM E 330)	27.15 psf (1300 Pa)	
4. SYSTEM VARIANTS		
ALUSLEEK GLAZING	30200 30250 30300 50300	

 (1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame, which is Achieved from Flixo Thermal Analysis Software.
 (2) The air tightness test measures the volume of air that would pass through a closed Glazing at a certain air pressure. (3) The water tightness testing involves applying a uniform water spray at constant air pressure until water penetrates the Glazing.
(4) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.

Double Skin Glazing 30300

ALUSLEEK SYSTEMS

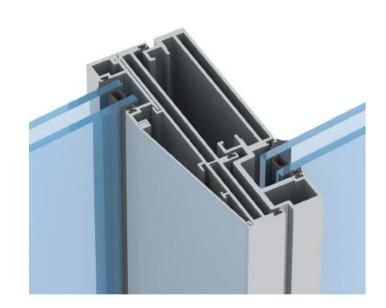
ALUSLEEK ENTRANCE GLAZING

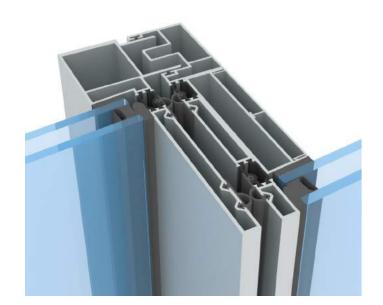


NO HORIZONTAL

NO STEEL

SKEWED CURTAIN WALL





PERFORMANCES

1. MATERIAL	
Aluminium	Alloy 6063 - T6 / 6061 - T6
2. DESIGN STANDARDS	
IBC	International Building Code
BS EN	British Standard European Norm
NFRC	Overall Facade Thermal Resistance Meeting National Fenestration Rating Council (NFRC) Energy Performance Requirement
3. PERFORMANCE	
Thermal Resistance (Uf - Value) (EN ISO 10077-2 / EN ISO 10211)	1.29 BTU/hr/ft²/°F (7.3 W/m².K)
Air infiltration (ASTM E 283)	6.25 psf (300 Pa)
Water Resistance (Static) (ASTM E 331)	12.53 psf (600 Pa)
Water Resistance (Dynamic) (ASTM E 501.1)	12.53 psf (600 Pa)
Wind Load Resistance (Structural) (ASTM E 330)	50 psf (2400 Pa)

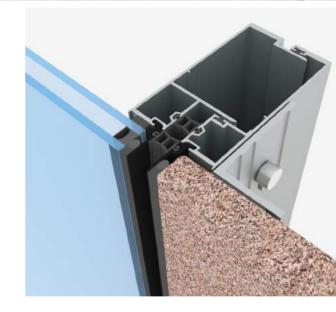
The performance values, which can be achieved for specific configurations and opening types, we also customised as per requirement.

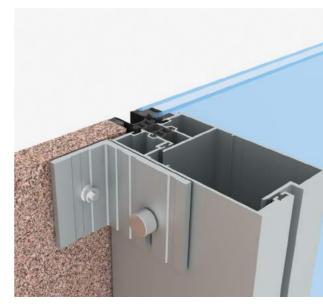
(1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame, which is Achieved from Flixo Thermal Analysis Software. (2) The air tightness test measures the volume of air that would pass through a closed Glazing

at a certain air pressure.

(3) The water tightness testing involves applying a uniform water spray at constant air pressure until water penetrates the Glazing.

(4) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.





CURTAIN WALL with **STONE**



PERFORMANCES	
1. MATERIAL	
Aluminium	Alloy 6063 - T6 / 6061 - T6
2. DESIGN STANDARDS	
IBC	International Building Code
BS EN	British Standard European Norm
NFRC	Overall Facade Thermal Resistance Meeting National Fenestration Rating Council (NFRC Energy Performance Requirement
3. PERFORMANCE	
Thermal Resistance (Uf - Value) (EN ISO 10077-2 / EN ISO 10211)	1.09 BTU/hr/ft²/ºF (6.2 W/m².K)
Air infiltration (ASTM E 283)	6.25 psf (300 Pa)
Water Resistance (Static) (ASTM E 331)	12.53 psf (600 Pa)
Water Resistance (Dynamic) (ASTM E 501.1)	12.53 psf (600 Pa)
Wind Load Resistance (Structural) (ASTM E 330)	56.4 psf (2700 Pa)

The performance values, which can be achieved for specific configurations and opening types, we also customised as per requirement.

(1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame, which is Achieved from Flixo Thermal Analysis Software. (2) The air tightness test measures the volume of air that would pass through a closed Glazing at a certain air pressure.

(3) The water tightness testing involves applying a uniform water spray at constant air pressure until water penetrates the Glazing.

(4) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.

UNIQUE FACADE



PERFORMANCES	
1. MATERIAL	
Aluminium	Alloy 6063 - T6 / 6061 - T6
2. DESIGN STANDARDS	
IBC	International Building Code
BS EN	British Standard European Norm
NFRC	Overall Facade Thermal Resistance Meeting National Fenestration Rating Council (NFRC) Energy Performance Requirement
3. PERFORMANCE	
Thermal Resistance (Uf - Value) (EN ISO 10077-2 / EN ISO 10211)	0.65 BTU/hr/ft²/ºF (3.7 W/m².K)
Air infiltration (ASTM E 283)	6.25 psf (300 Pa)
Water Resistance (Static) (ASTM E 331)	12.53 psf (600 Pa)
Water Resistance (Dynamic) (ASTM E 501.1)	12.53 psf (600 Pa)
Wind Load Resistance (Structural) (ASTM E 330)	155 psf (7400 Pa)

The performance values, which can be achieved for specific configurations and opening types, we also customised as per requirement.

 The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame, which is Achieved from Flixo Thermal Analysis Software.
 The air tightness test measures the volume of air that would pass through a closed Glazing

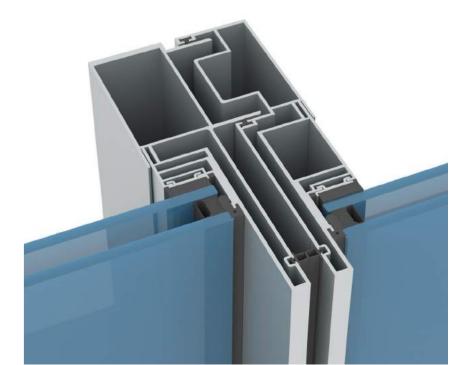
at a certain air pressure. (3) The water tightness testing involves applying a uniform water spray at constant air pressure until water penetrates the Glazing.

(4) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.

ARTICULATED

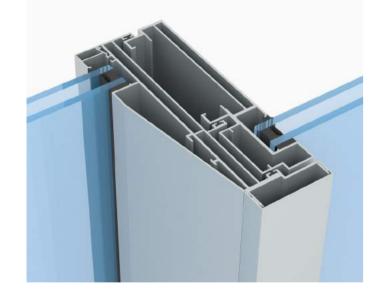
UNIQUE FACADE

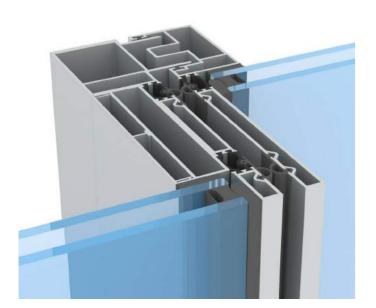




OFFSET CURTAIN WALL







PERFORMANCES

1. MATERIAL	
Aluminium	Alloy 6063 - T6 / 6061 - T6
2. DESIGN STANDARDS	
IBC	International Building Code
BS EN	British Standard European Norm
NFRC	Overall Facade Thermal Resistance Meeting National Fenestration Rating Council (NFRC) Energy Performance Requirement
3. PERFORMANCE	
Thermal Resistance (Uf - Value) (EN ISO 10077-2 / EN ISO 10211)	1.29 BTU/hr/ft²/ºF (7.3 W/m².K)
Air infiltration (ASTM E 283)	6.25 psf (300 Pa)
Water Resistance (Static) (ASTM E 331)	12.53 psf (600 Pa)
Water Resistance (Dynamic) (ASTM E 501.1)	12.53 psf (600 Pa)
Wind Load Resistance (Structural) (ASTM E 330)	50 psf (2400 Pa)

The performance values, which can be achieved for specific configurations and opening types, we also customised as per requirement.

The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame, which is Achieved from Flixo Thermal Analysis Software.
 The air tightness test measures the volume of air that would pass through a closed Glazing

at a certain air pressure.

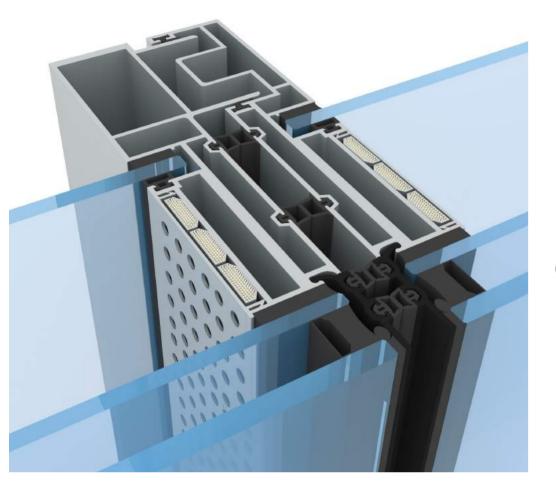
(3) The water tightness testing involves applying a uniform water spray at constant air pressure until water penetrates the Glazing.
(4) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.

UNIQUE FACADE



ENERGY DOUBLE SKIN FACADES

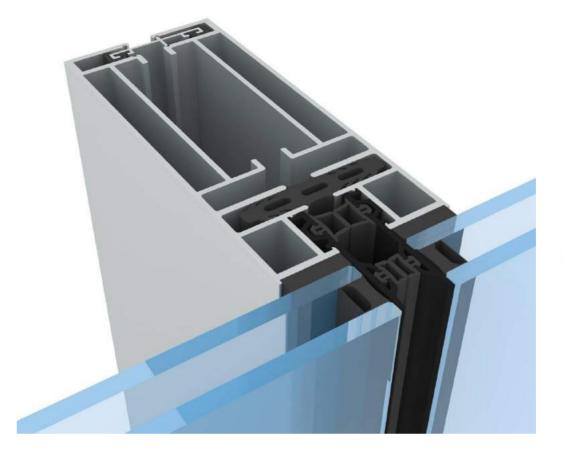
ENERGY SINGLE SKIN FACADES

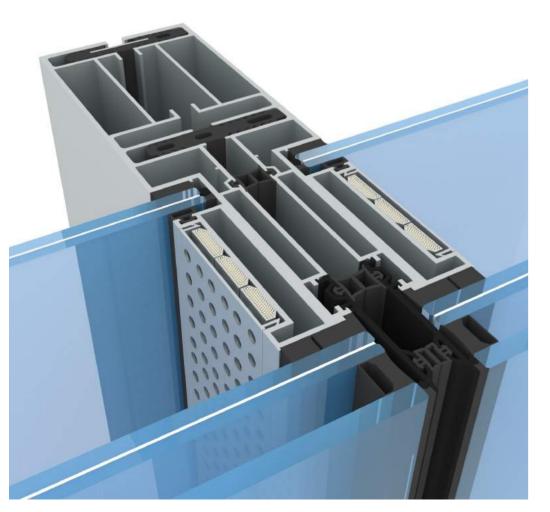


Profile Uf-Value 0.48 BTU/hr/ft²/°F (2.7 W/m².K)

Glass U Value 0.18 BTU/hr/ft²/°F (1.02 W/m².K)

OVERALL FAÇADE ASSEMBLY U VALUE 0.17 BTU/hr/ft²/°F (0.96 W/m².K)





Profile Uf-Value 0.39 BTU/hr/ft²/°F (2.2 W/m².K)

Glass U Value 0.18 BTU/hr/ft²/°F (1.02 W/m².K)

OVERALL FAÇADE ASSEMBLY U VALUE 0.17 BTU/hr/ft²/°F (0.94 W/m².K)



Note:-

1) All Façade profile Thermal Resistanc Performance Requirement.

2) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame, Which is Achieved from Flixo Thermal Analysis Software.

Profile Uf-Value 0.41 BTU/hr/ft²/°F (2.3 W/m².K)

Glass U Value 0.30 BTU/hr/ft²/°F (1.7 W/m².K)

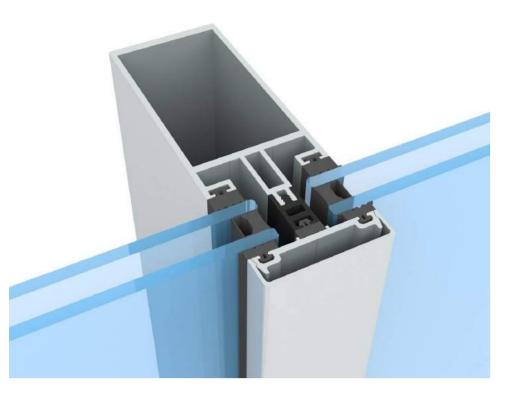
OVERALL FAÇADE ASSEMBLY U VALUE 0.26 BTU/hr/ft²/°F (1.45 W/m².K)



Glass U Value 0.30 BTU/hr/ft²/°F (1.7 W/m².K)

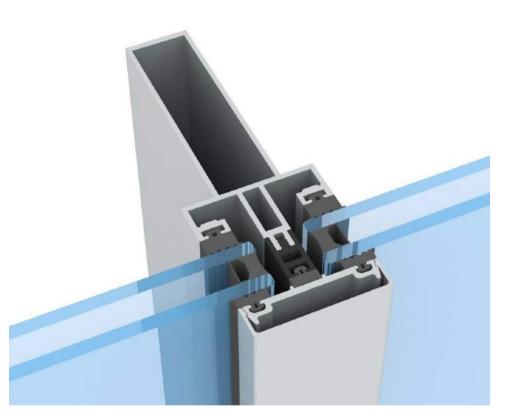
OVERALL FAÇADE ASSEMBLY U VALUE 0.24 BTU/hr/ft²/°F (1.37 W/m².K)

1) All Façade profile Thermal Resistance Meeting National Fenestration Rating Council (NFRC) Energy



THERMAL BREAK CAP CURTAIN WALL

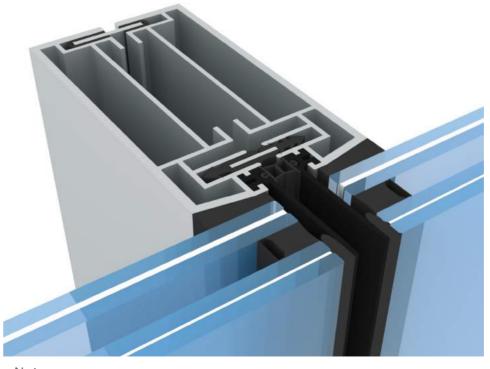
Uf - Value 0.70 BTU/hr/ft²/°F (4 W/m².K)



THERMAL BREAK SLEEK CURTAIN WALL

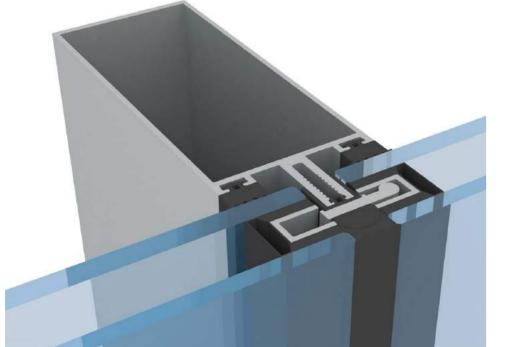
Uf - Value 0.70 BTU/hr/ft²/°F (4 W/m².K)





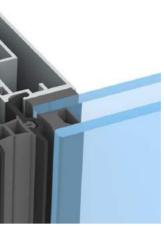
Note:-1) All Façade profile Thermal Resistance Meeting National Fenestration Rating Council (NFRC) Energy Performance Requirement. 2) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame, Which is

Achieved from Flixo Thermal Analysis Software.



TOGGLE SYSTEM STICK CURTAIN WALL

Uf - Value 0.79 BTU/hr/ft²/°F (4.5 W/m².K)



THERMAL BREAK SEMI UNITIZED CURTAIN WALL

Uf - Value 0.48 BTU/hr/ft²/°F (2.7 W/m².K)

THERMAL BREAK UNITIZED CURTAIN WALL

Uf - Value 0.48 BTU/hr/ft²/°F (2.7 W/m².K)

SPECIAL FACADES

BLAST RESISTANCE CURTAIN WALL blast resistance system to sustain upto 15 KPa

FIRE & TOXIC SMOKE Your Property, data & life at risk

Right solution
FIREPROOF SWISSCLAD



Tested at CBRI ROORKEE Fire class A1 Non combustible No toxic smoke



Tested at FAÇADE INDIA TESTING INC Tested for WIND LOAD 1 KPa – 7.3 KPa





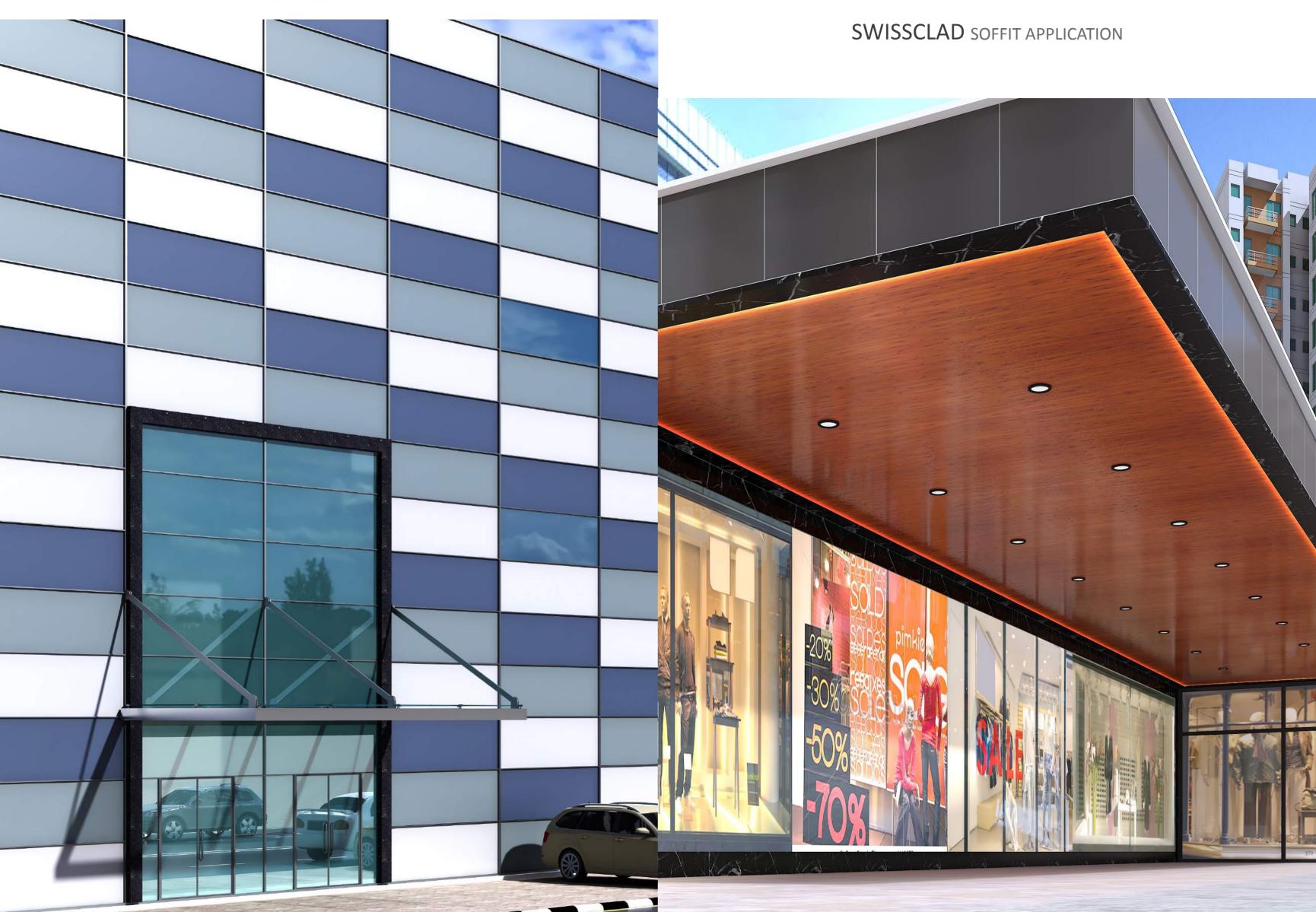
Innovation to life safety

SWISSCLAD SPANDREL WALL



SCLAD 150 DETAIL

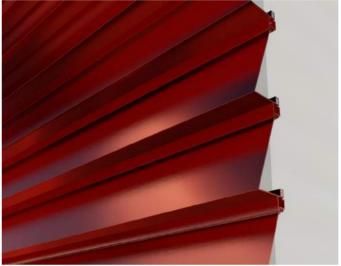
SWISSCLAD



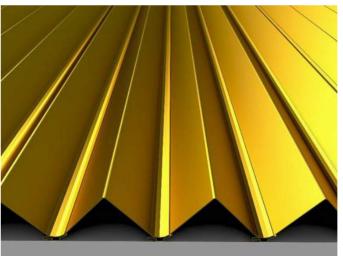
SWISSCLAD DESIGN PERFORATIONS



SCLAD 150



ZIGMA 150



APEX 230



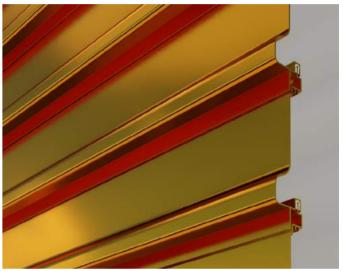
OMEGA 200

SWISSCLAD DESIGN VARIANTS





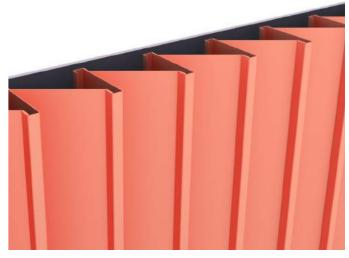
OFFSET 150



OMEGA 150

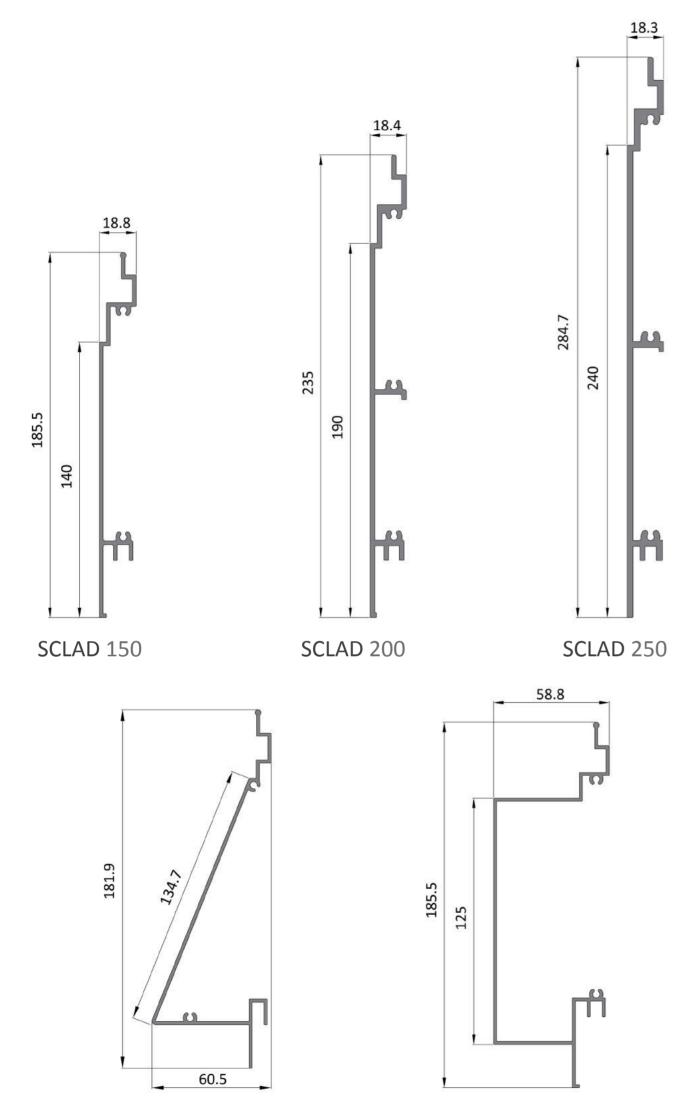


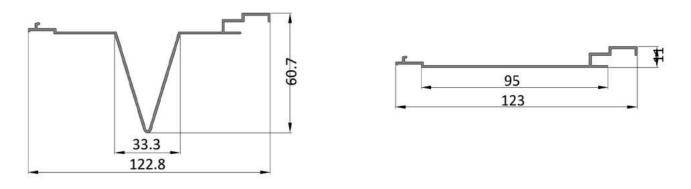
SIGMA 200



UNIQUE 180

SWISSCLAD SECTION



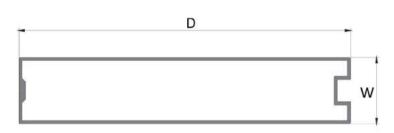




1. MATERIAL	
Aluminium	Alloy 6063 - T6 / 6061 - T6
2. SYSTEMS	
1	Grid System
2	Open Joint Hook on System
3	Unitized System
3. DESIGN STANDARDS	
IBC	International Building Code
BS EN	British Standard European Norm
4. PERFORMANCE	
Water Resistance (Static) (ASTM E 331)	12.53 psf (600 Pa)
Water Resistance (Dynamic) (ASTM E 501.1)	12.53 psf (600 Pa)
Wind Load Resistance (Structural) (ASTM E 330)	153 psf (7300 Pa)
5. FIRE TEST SPECIFICATION	
Non-combustifility	BS 476 : Part 4
Ignitability	BS 476 : Part 5
Fire Propagation Index	BS 476 : Part 6
Surface Spread of Flame	BS 476 : Part 7

OFFSET 150

SCLAD 100



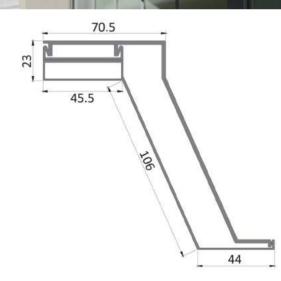


FIN LOUVER DETAIL

PERFORMANCES						
1. MATERIAL						
Aluminium	Alloy	6063 -	T6 / 606	61 - T6		
2. FINISHES						
PVDF (AAMA 2605)	35 M	licrons				
SDF (AAMA 2604)	60-80 Microns					
ANODISED (ASTM / BS)	22-25 Microns					
3. DESIGN STANDARDS						
IBC	International Building Code					
BS EN	British Standard European Norm					
4. PERFORMANCE						
Wind Load Resistance (Structural) (IBC / ASCE 7)	42 psf (2000 Pa)					
5. DESIGN VARIANTS						
Width (W)	30	30	30	50	50	50
Depth (D)	75	100	150	75	100	150

The performance values, which can be achieved for specific configurations and opening types, we also customised as per requirement.

(1) The wind load resistance is achieved by structural analysis of profile strength.





LAMELA LOUVERS



LAMELA LOUVER DETAIL

PERFORMANCES	
1. MATERIAL	
Aluminium	Alloy 6063 - T6 / 6061 - T6
2. FINISHES	
PVDF (AAMA 2605)	35 Microns
SDF (AAMA 2604)	60-80 Microns
ANODISED (ASTM / BS)	22-25 Microns
3. DESIGN STANDARDS	
IBC	International Building Code
BS EN	British Standard European Norm
4. PERFORMANCE	
Wind Load Resistance (Structural) (IBC / ASCE 7)	42 psf (2000 Pa)

The performance values, which can be achieved for specific configurations and opening types, we also customised as per requirement.

(1) The wind load resistance is achieved by structural analysis of profile strength.

2T2S



2T4S





PERFORMANCES
1. MATERIAL
Aluminium
2. DESIGN STANDARDS
IBC
BS EN
NFRC
3. PERFORMANCE
Wind Load Resistance (Structural) (IBC / ASCE 7)
The performance values, which can be achieved for specific co
(1) The wind load resistance is achieved by structural analysis

Alloy 6063 - T6 / 6061 - T6

International Building Code

British Standard European Norm

Overall Facade Thermal Resistance Meeting National Fenestration Rating Council (NFRC) Energy Performance Requirement

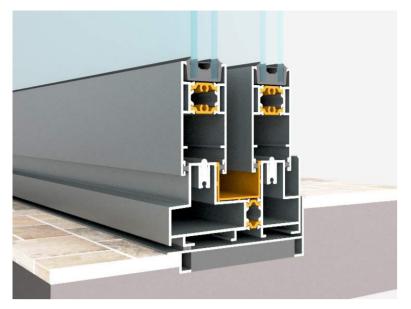
94 psf (4500 Pa)

configurations and opening types, we also customised as per requirement.

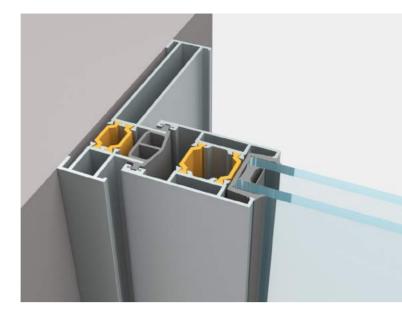
s of profile strength.

SLIDING WINDOW OF THERMAL BREAK VARIANTS

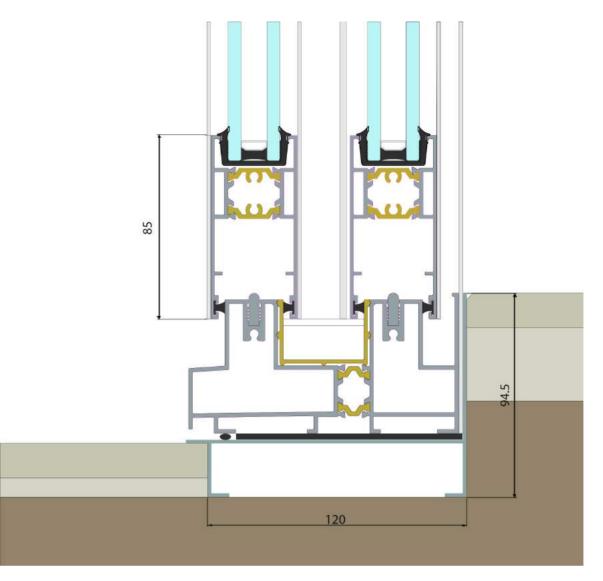
SLIDING WINDOW DETAILS

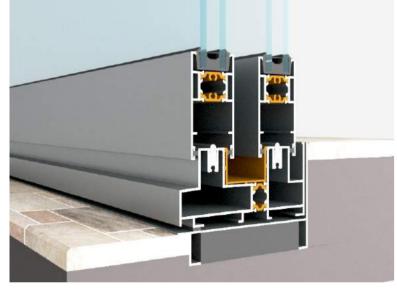


BOTTOM TRACK

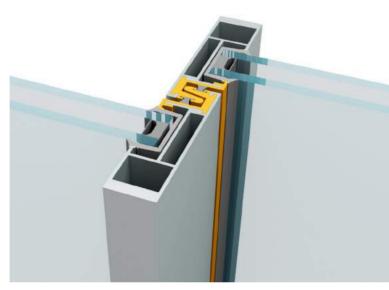


JAMB PROFILE

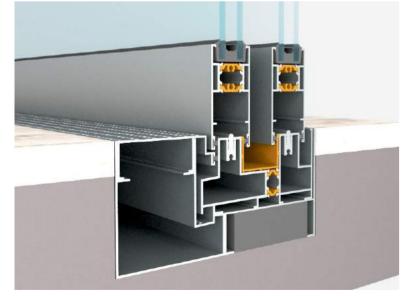




INSIDE FLUSHED TRACK



INTERLOCK PROFILE



FULL FLUSHED TRACK

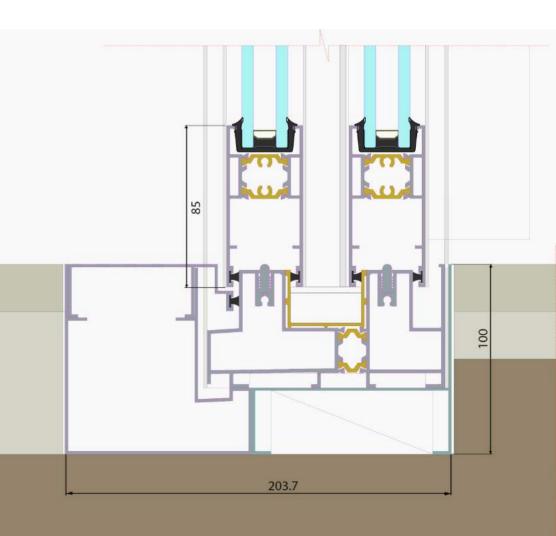


CORNER ARRANGEMENT

FULL FLUSHED TRACK

ALSO CUSTOMIZED AS PER YOUR REQUIREMENT

INSIDE FLUSHED TRACK







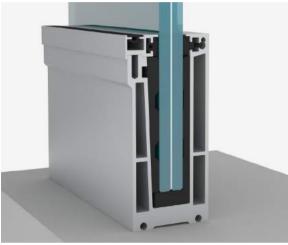


SOLAR INTEGRATED RAILING

SEAMLESS RAILING VARIANTS



52125 (12.89, 14.89, 16.89)



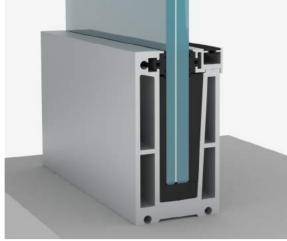
55125 (12.89, 14.89, 16.89)



65125 (14.89, 16.89, 20.89)



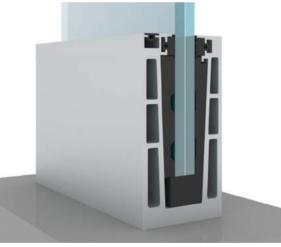
75125 (21.52, 25.52)



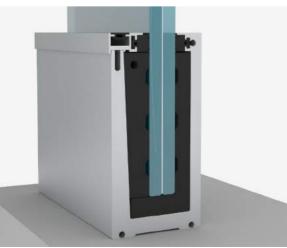
55100 (12.00, 12.89, 14.89)



57100H (14.89, 16.89, 20.89)



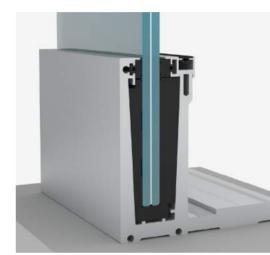
65125H (14.89, 16.89, 20.89)



75150 (21.52, 25.52)

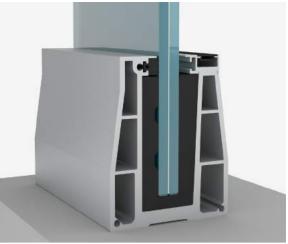


75150H (12.00, 12.89, 14.89)



140125 (10.89, 12.89, 14.89, 16.89)

PERFORMANCES
1. MATERIAL
Aluminium
2. DESIGN STANDARDS
IBC
BS EN
3. PERFORMANCE
Live Load Resistance (IBC / ASCE 7 / BS 6399 : Part I / ASTM)
Wind Load Resistance (Structural) (IBC / ASCE 7)
4. INNOVATION AND DIFFERENTIATION
Self Check, Anti - Uplift, Seismic Proof Mechani
The performance values, which can be achieved for specific
(1) The wind load resistance is achieved by structural analys



100125 (16.89, 18.89, 20.89)



140125H (14.89, 16.89, 20.89)

Alloy 6063 - T6 / 6061 - T6

International Building Code

British Standard European Norm

50 plf - 206 plf (0.73 KN/m - 3 KN/m)

21 - 63 psf (1000 - 3000 Pa)

nism

c configurations and opening types, we also customised as per requirement.

sis of profile strength.

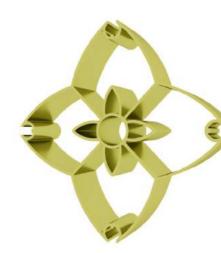
SWISS SCREEN

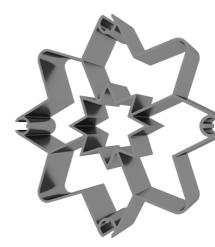
MOVABLE SUNBREAKERS

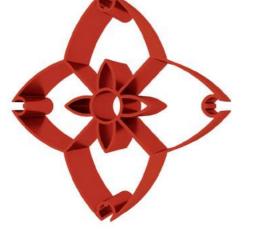












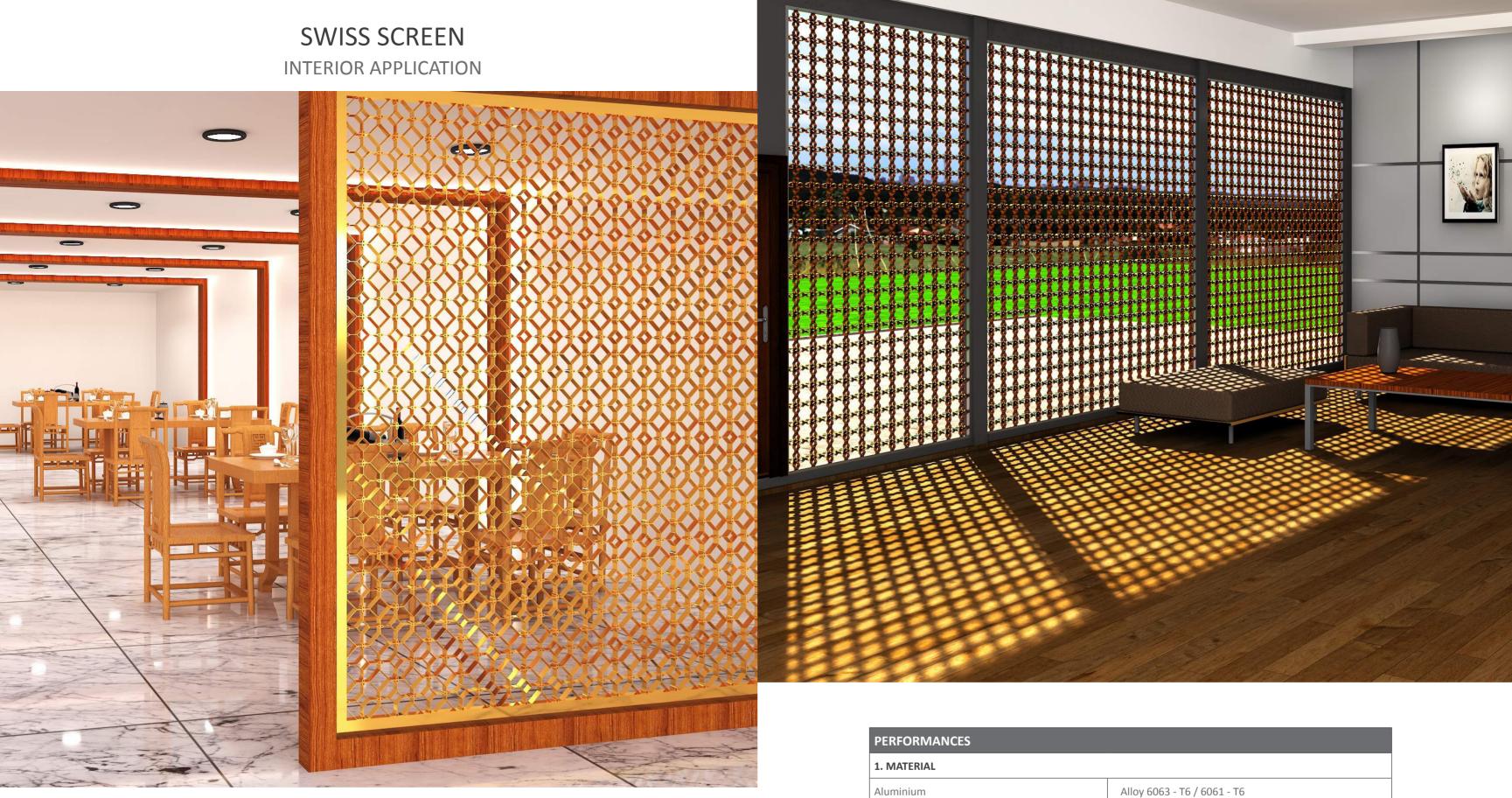
SWISS SCREEN DESIGN VARIANTS

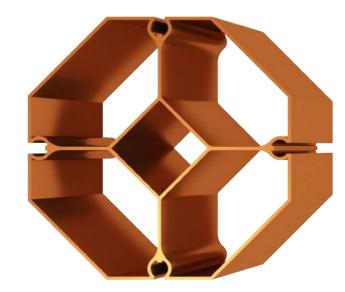












PERFORMANCES
1. MATERIAL
Aluminium
2. FINISHES
PVDF (AAMA 2605)
SDF (AAMA 2604)
3. DESIGN STANDARDS
IBC
BS EN
4. PERFORMANCE
Wind Load Resistance (Structural) (IBC / ASCE 7)

The performance values, which can be achieved for specific configurations and opening types, we also customised as per requirement.

(1) The wind load resistance is achieved by structural analysis of profile strength.

Alloy 6063 - T6 / 6061 - T6
35 Microns
60-80 Microns
International Building Code
British Standard European Norm
42 psf (2000 Pa)



RADMASHREE DR. D.Y. PATIL SPORTS ACADEMY

CEEBROS ONE74, CHENNAI RMA Architects, USA

STATE AND INCOME.

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HNH HOSPITAL, Mumbai PERKIN + WILL, USA

mm III



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