

# STRUCTAURA

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DOORS AND WINDOWS BY SAGARASIA

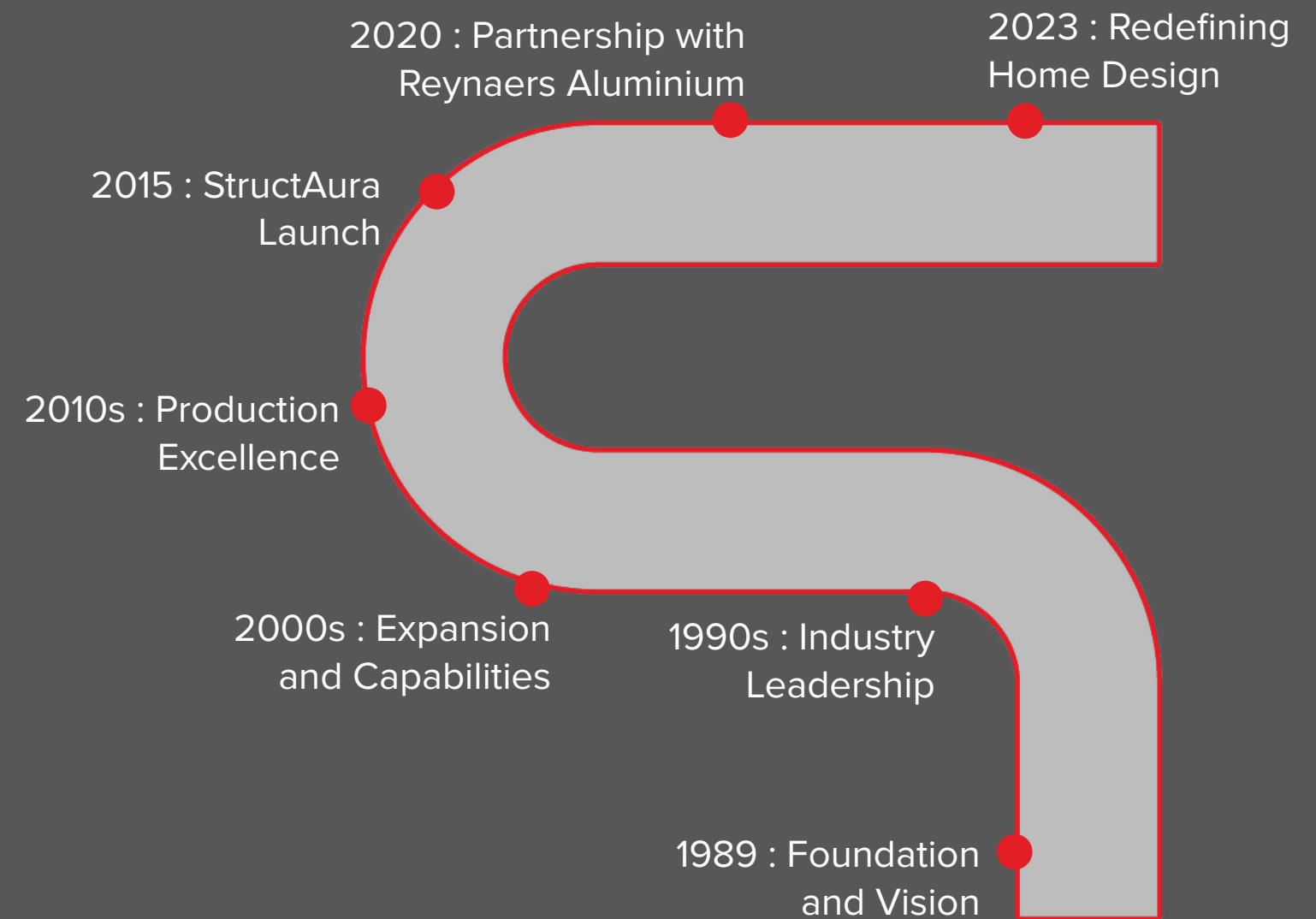
# THE JOURNEY OF SAGAR ASIA

## ● SAGAR ASIA

Sagar Asia Group (SA) has been at the forefront of India's aluminum revolution since 1989, embodying the essence of 'Made in India' long before it became a national ethos. As pioneers in establishing the first aluminum extrusion and anodizing plant in the combined Andhra Pradesh and Telangana region, SA has consistently set benchmarks in innovation, quality, and engineering excellence. Headquartered in Hyderabad, SA's expansive network of state-of-the-art facilities spans over 500,000 square feet, each dedicated to advancing the frontiers of aluminum manufacturing.

## ● REYNAERS

Our strategic partnership with Reynaers Aluminium, a world leader in advanced and sustainable aluminum solutions, amplifies this vision. Founded in 1965, Reynaers has set the benchmark for cutting-edge technology, energy efficiency, and superior quality. Their rigorous standards and unique 10-year system guarantee ensure that every product meets the highest global standards. This allows us to bring world-class expertise to every project we undertake, enriching our aluminum solutions with Reynaers' renowned innovations.





## About **STRUCTAURA**

StructAura is born from a legacy of expertise and excellence. Rooted in the unmatched engineering prowess of Sagar Asia, a leader in aluminum structures, StructAura embodies the fusion of strength and sophistication. The name itself—melding "Structures" and "Aura"—captures our commitment to creating windows that elevate every space with an air of opulence and timeless elegance. For decades, Sagar Asia has been at the forefront of aluminum innovation, shaping skylines with structures that exemplify durability and precision. This deep-seated expertise now finds its expression in StructAura, where the aura of architectural excellence meets the gold standard in design and functionality. Here, "Aura" is not just a word; it is the essence of what we deliver—an atmosphere of luxury, cherished living experiences, and enduring quality.

At StructAura, we understand that your home deserves more than mere functionality; it deserves an infusion of elegance that resonates through every moment, an assurance of longevity that withstands the passage of time, and a design that cherishes the life within. Our windows are meticulously crafted to offer unparalleled security and durability, while enhancing the beauty and ambiance of your space. Let StructAura transform your living environment, seamlessly blending the reliability of Sagar Asia's engineering mastery with the graceful aura of thoughtful design. This is more than just a window system; it's a promise of opulence, cherished experiences, and enduring strength—bringing the finest of Sagar Asia's legacy into your home, to be cherished for generations.



# ARCHITECTURAL VISION FOR ALUMINUM OPENINGS IN YOUR HOME

Discover how aluminum openings enhance your home with modern doors and windows that maximize light, improve energy efficiency, and offer durability.

BI-FOLD  
DOOR



HINGED  
DOOR



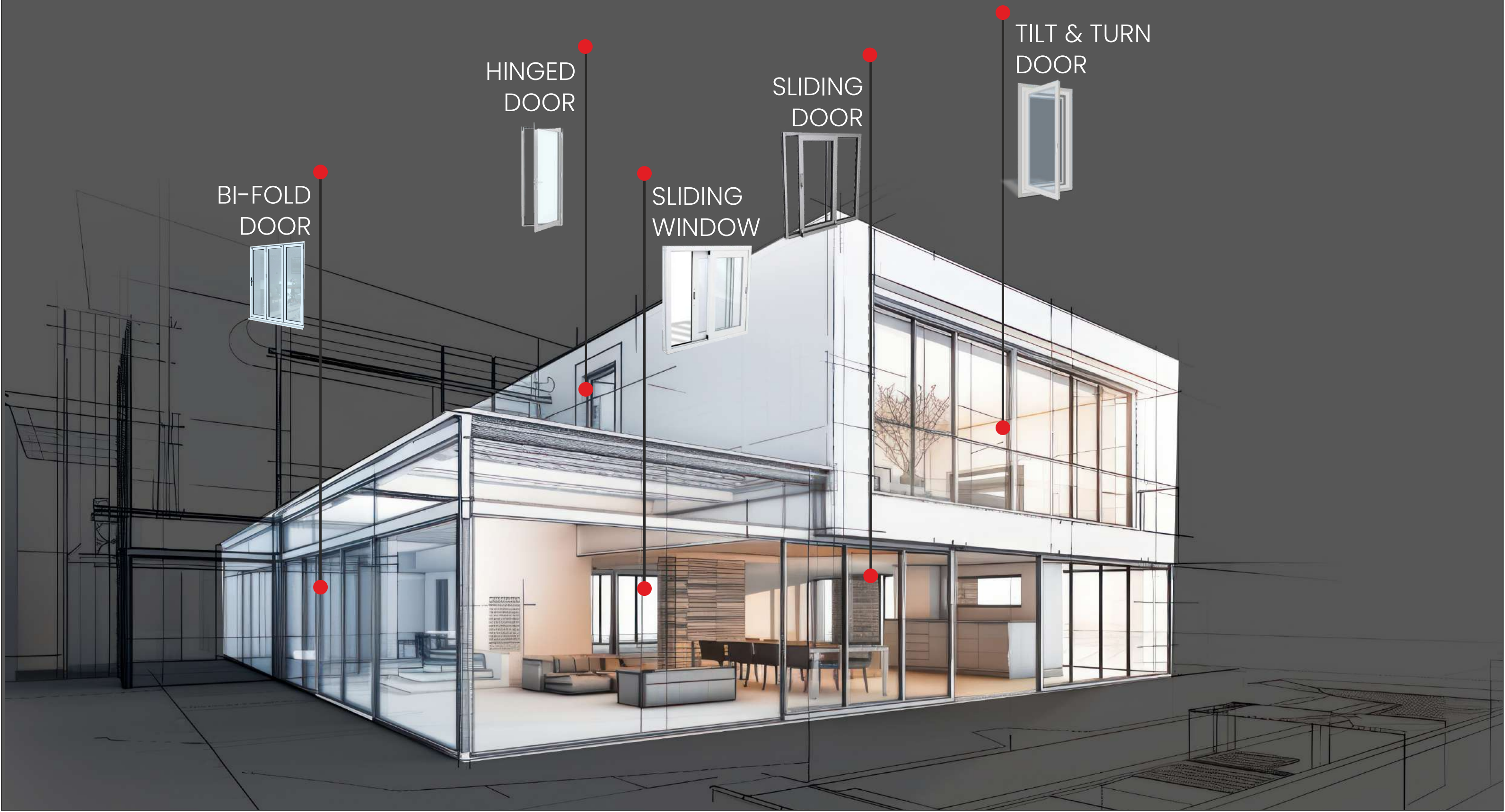
SLIDING  
WINDOW



SLIDING  
DOOR



TILT & TURN  
DOOR



# MODULAR 3D SYSTEMS FOR ALUMINUM DOORS & WINDOWS

Our modular 3D systems for aluminum doors and windows offer customizable, precision-engineered solutions that simplify design and installation. Adaptable to any space, these systems ensure optimal performance and aesthetic appeal for your projects.

The frame of doors and windows is typically constructed using extruded aluminum profiles, which are lightweight, corrosion-resistant, and can also be customized to different dimensions and shapes. These profiles are often thermally broken to improve insulation.



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## DURABILITY

Aluminum is resistant to rust and corrosion, making it ideal for various weather conditions. Its strength ensures long-lasting performance, reducing the need for repairs and replacements over time.

## MAINTENANCE

They require minimal upkeep; a simple cleaning with soap and water usually suffices. This ease of care allows homeowners to enjoy their windows and doors without the hassle of frequent maintenance.

## AESTHETIC

Available in various styles and finishes, aluminum can enhance the look of any building. Its versatility allows for seamless integration with different architectural designs, making it a popular choice for modern and classic aesthetics alike.

## ECO-FRIENDLY

Aluminum is recyclable, making it a sustainable choice for construction. Its production process is becoming increasingly energy-efficient, further reducing its environmental impact and promoting a circular economy.

# PRODUCT OFFERINGS : DOORS & WINDOWS (CASEMENT SERIES)



SA 40



SA 50



REYNAERS ECOSYSTEM 45



REYNAERS ECOSYSTEM 50

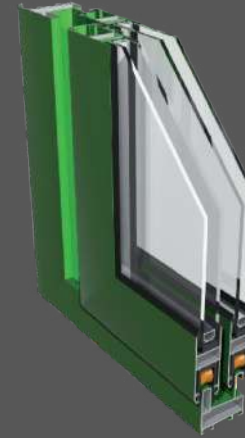


Aluminum casement doors and windows offer a sleek, modern design combined with exceptional durability and functionality. Known for their smooth operation and versatility, these systems provide excellent ventilation, noise reduction, and weather resistance. With slim frames and customizable options, aluminum casement designs enhance natural light while maintaining energy efficiency. Perfect for both residential and commercial spaces, they ensure a secure and stylish solution for modern architecture.

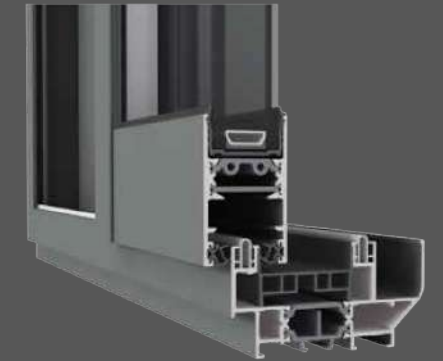
# PRODUCT OFFERINGS : DOORS & WINDOWS (SLIDING SERIES)



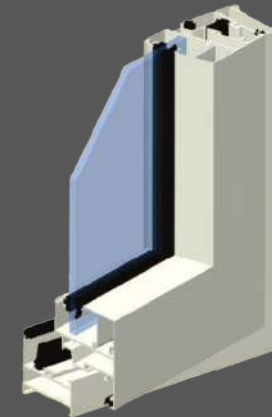
SA 27 & 27 SLIM-INTERLOCK



REYNAERS CONCEPTPATIO  
68 PA (CP68 PA)



SA 29



REYNAERS CONCEPTPATIO  
130 (LIFT & SLIDE)



SA 42



REYNAERS CONCEPTPATIO  
77 (SLIDING/FOLDING)



REYNAERS CONCEPTPATIO  
45 PA (CP45 PA)



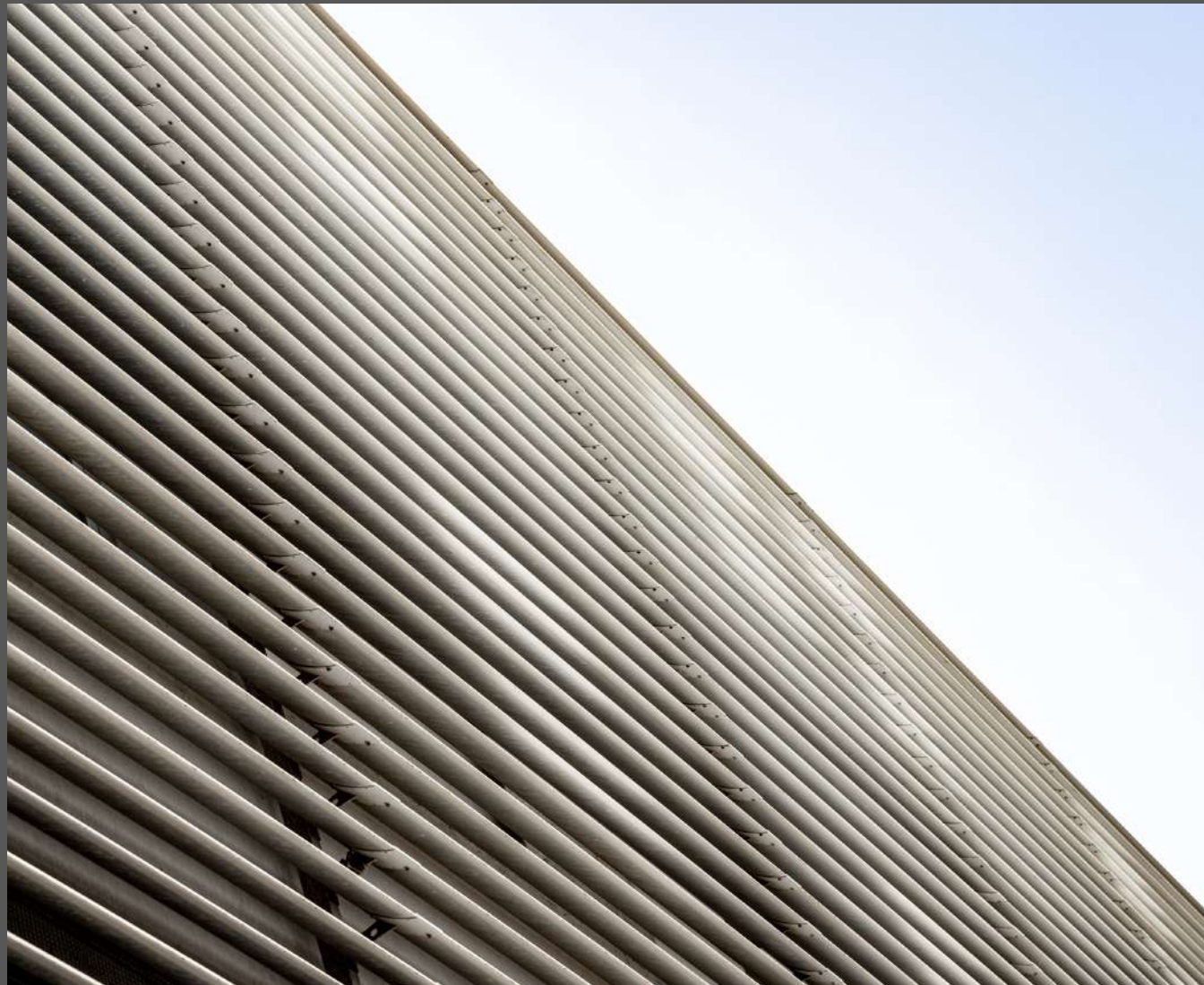
HIFINITY



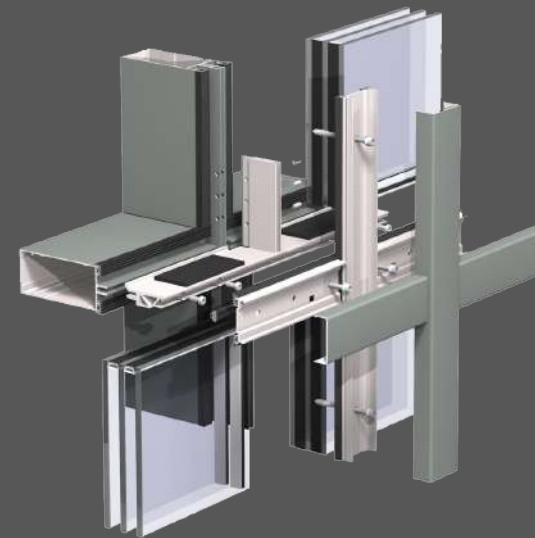
Aluminum sliding doors and windows combine elegance with practicality, offering seamless functionality and a space-saving design. Ideal for maximizing views and natural light, their sleek frames create a modern aesthetic while ensuring durability and low maintenance. Smooth-gliding mechanisms make them easy to operate, and they provide excellent thermal insulation and weather resistance. Perfect for both homes and offices, aluminum sliding systems are a stylish and efficient choice for contemporary spaces.



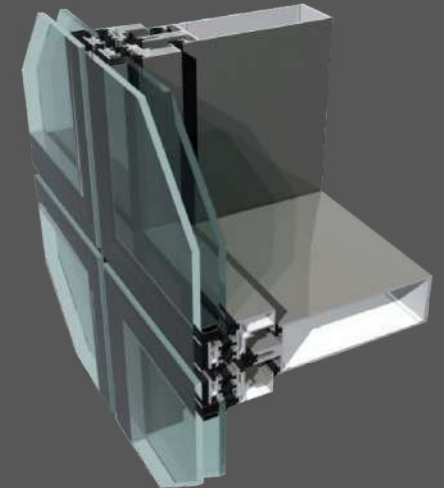
# PRODUCT OFFERINGS : FACADES



REYNAERS CONCEPTWALL 50



BESPOKE FACADES



ELEMENTFACADE 7 FF



ELEMENTFACADE 7 MF



Aluminum facades are the cornerstone of modern architecture, blending aesthetics with durability and functionality. Lightweight yet robust, they offer excellent resistance to weather, corrosion, and wear, making them ideal for long-term use. With customizable designs, aluminum facades enhance energy efficiency, provide superior thermal insulation, and support sustainable building practices. Their sleek and versatile appearance makes them a popular choice for both commercial and residential projects, delivering a perfect balance of style and performance.

# PRODUCT OFFERINGS : OPTIONS

In addition to aluminum doors, windows, and facades, we offer a variety of complementary solutions. These include durable railings, effective mosquito screens, energy-efficient solar shading systems, and high-quality cladding for enhanced aesthetics and protection. We also provide a wide range of finishes with diverse color options to suit every design style, ensuring a perfect match for your architectural vision.

SOLAR SHADING



RAILINGS



CLADDING



MOSQUITO SCREENS



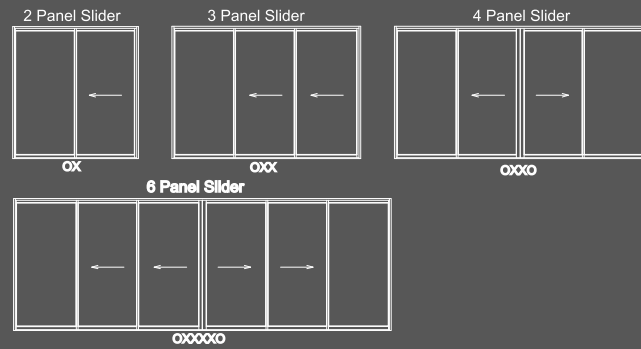
FINISHES



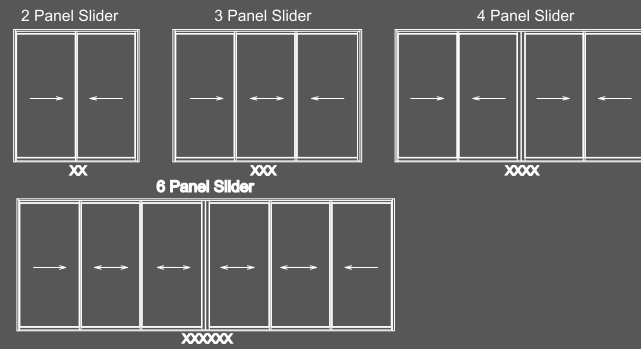
# CONFIGURATIONS

## TILT & TURN

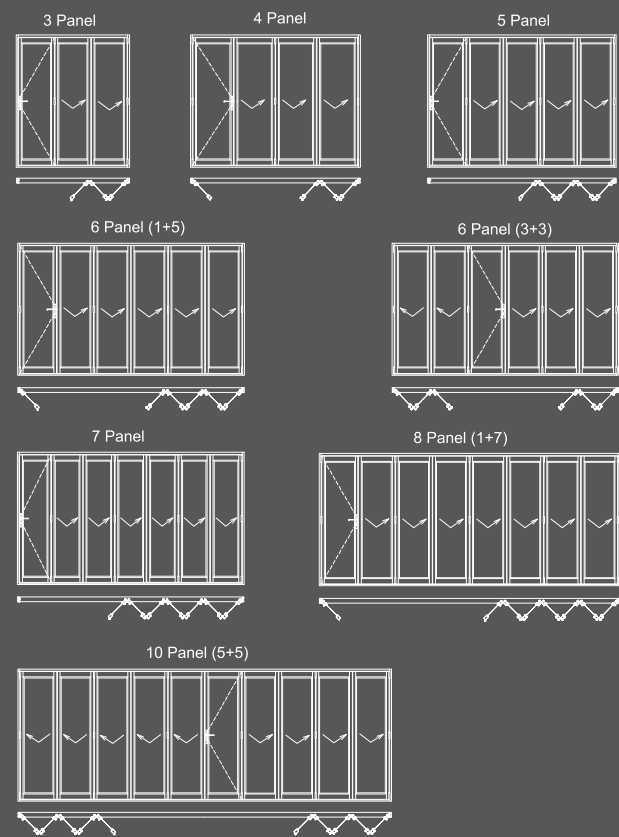
### Sliding



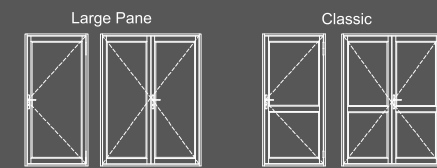
### Multi-Sliding



### Slide & Fold

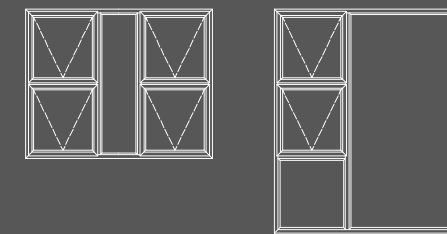
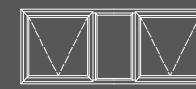
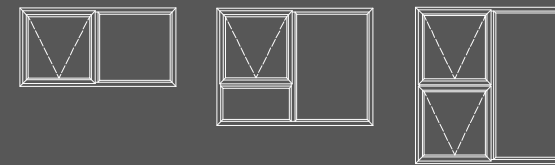
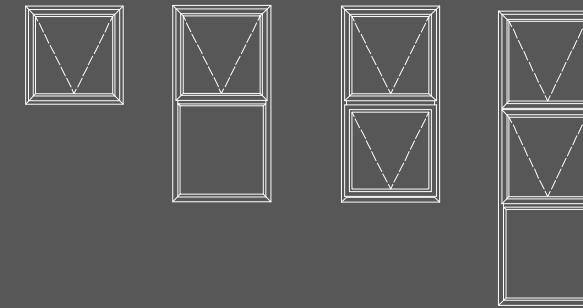


### Hinged

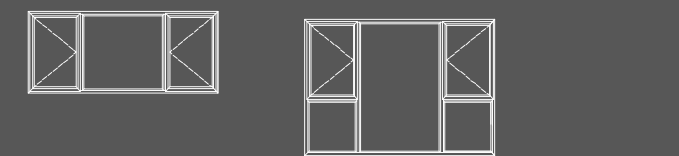
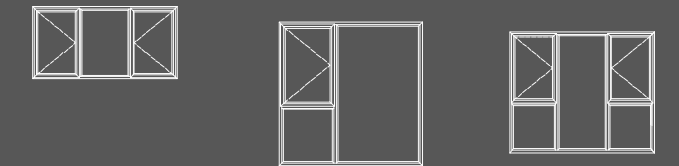
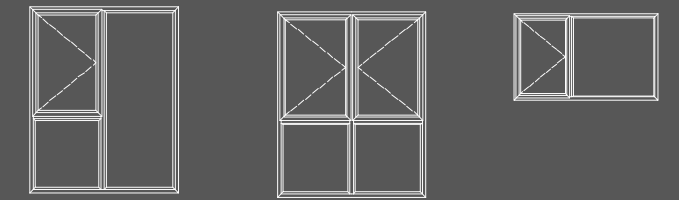
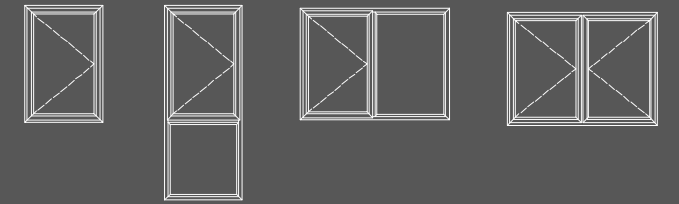


## DOORS

### Top Hung Casement Typology

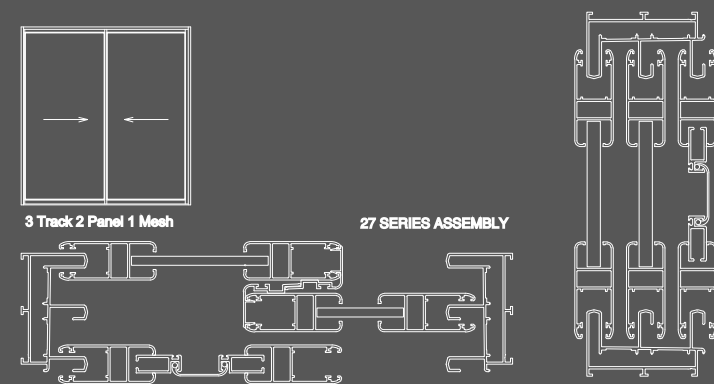
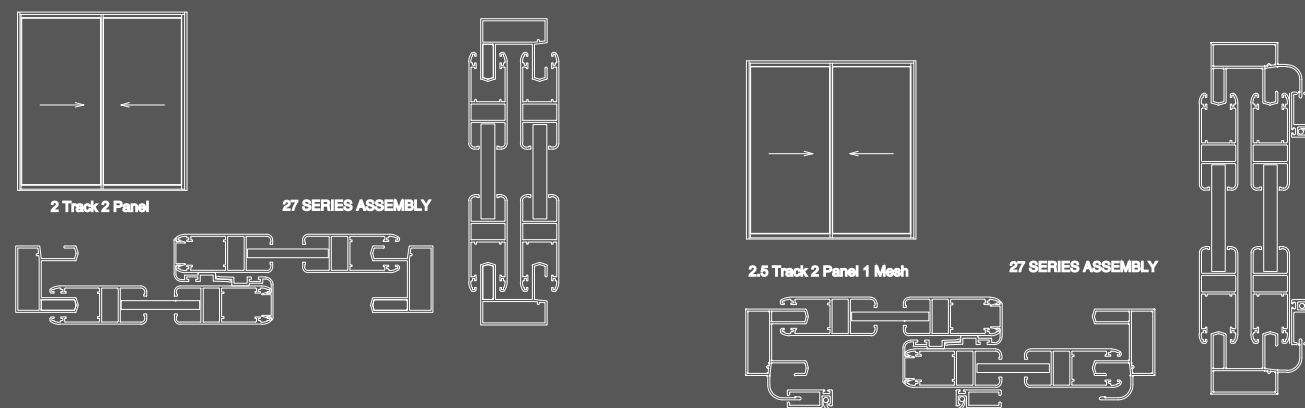
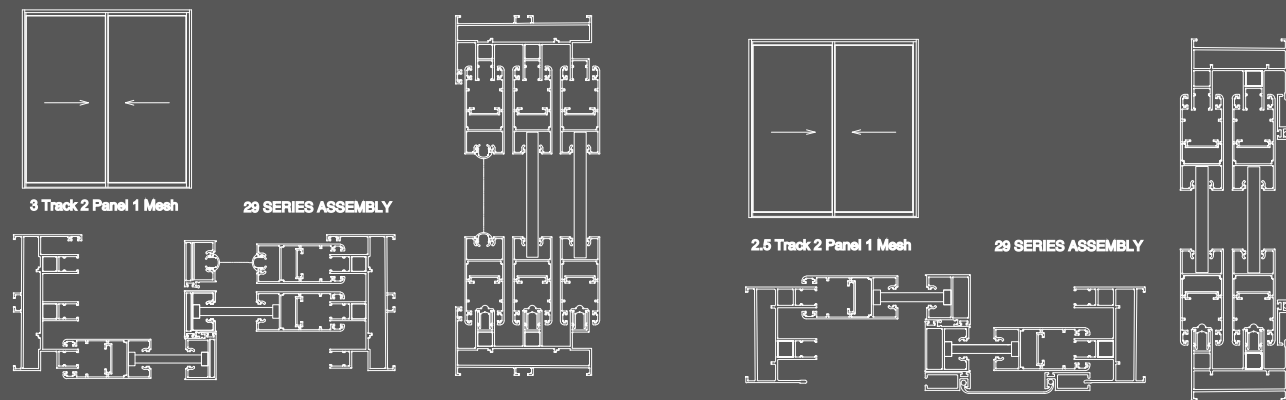
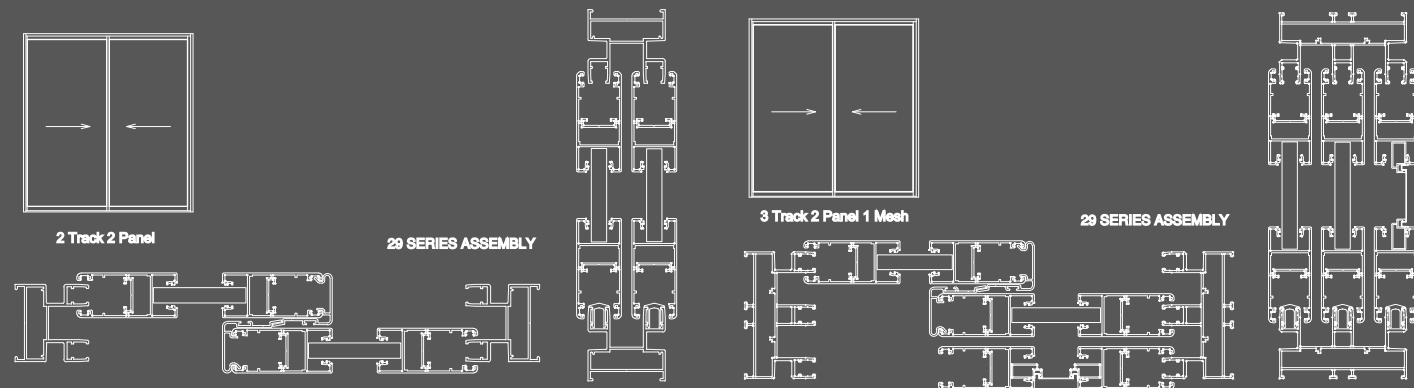


### Side Hung Casement Typology



Inward & Outward Opening

Inward & Outward Opening



## REYNAERS : TOGETHER FOR BETTER



Reynaers India  
Projects



Sagar Asia Aluminium  
Extrusions Catalogue 2024



Sagar Asia  
Corporate Brochure



Sagar Asia  
Corporate Video

### Personalized Design and Development with StructAura

At Sagar Asia, in collaboration with Reynaers Aluminium and under our architectural brand StructAura, we are dedicated to designing and developing bespoke aluminum window systems tailored to meet your unique needs. Whether for residential, commercial, project, or industrial applications, our team combines cutting-edge technology and exquisite craftsmanship to deliver customized solutions that perfectly align with your vision. Partner with us to experience unparalleled quality and innovation in every bespoke window system.



**LET'S BUILD YOUR  
VISION TOGETHER**



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Note: Information in this brochure is for general informational purposes.  
Details, including plot availability and villa construction specifics, are subject to change.