



GlassKrafts

FACADE • FABRICATION • WINDOWS

ENGINEERED FOR TRANSPARENCY.

Architectural facades and minimal sliding systems
for commercial landmarks and luxury residences.

FACADE ENGINEERING / PRECISION FABRICATION / CONTROLLED INSTALLATION

DESIGN. ENGINEER. DELIVER.

Where Vision Meets Precision Engineering

At Glass Kraft Systems, the building envelope is more than a boundary - it is the architectural identity of a project. We engineer, fabricate and install facade and window systems that unite bold design intent with disciplined structural coordination. From commercial towers and institutional buildings to luxury residences, our team supports the envelope journey from concept detailing and performance review through fabrication, installation and handover.

WHY ARCHITECTS, DEVELOPERS AND BUILDERS CHOOSE GKS

- **Engineering-first approach**

Coordinated CAD-to-site detailing, system selection, structural review and interface resolution.

- **Precision fabrication**

CNC-assisted routing, controlled cutting and pneumatic assembly support repeatable tolerances.

- **Performance-led design**

Systems are engineered to project wind loads, serviceability limits and relevant seismic and facade criteria.

- **Weather and acoustic control**

Layered drainage paths, EPDM seals and project-specific glass build-ups support weather and acoustic targets.

ONE TEAM. FROM PROFILE TO PERFORMANCE.

Profiles, brackets, anchors, glass, gaskets, hardware and sealants are coordinated as one envelope system - then translated into fabrication drawings and disciplined site execution.

Advanced Building Envelopes

Engineered for durability, light and disciplined execution.

01 Unitized & Semi-Unitized

Factory-oriented curtain-wall systems for high-rise and fast-track commercial developments.

PERFORMANCE

Controlled fabrication and pre-glazing can improve sealant consistency, installation speed and repeatability.

IDEAL FOR / OPTIONS

Commercial towers, IT parks, institutional headquarters.

02 Structural & Spider Glazing

Flush-glazed elevations using structural silicone joints or engineered stainless-steel fittings.

PERFORMANCE

Supports transparency and unobstructed sightlines with project-specific toughened or laminated safety glass.

IDEAL FOR / OPTIONS

Atriums, hotel lobbies, showrooms and double-height entrances.

Performance is designed into every interface

03 Ventilated Louvers & Architectural Fins

Purpose-designed aluminum fins, aerofoil louvers and ventilated screens add depth while responding to solar and airflow requirements.

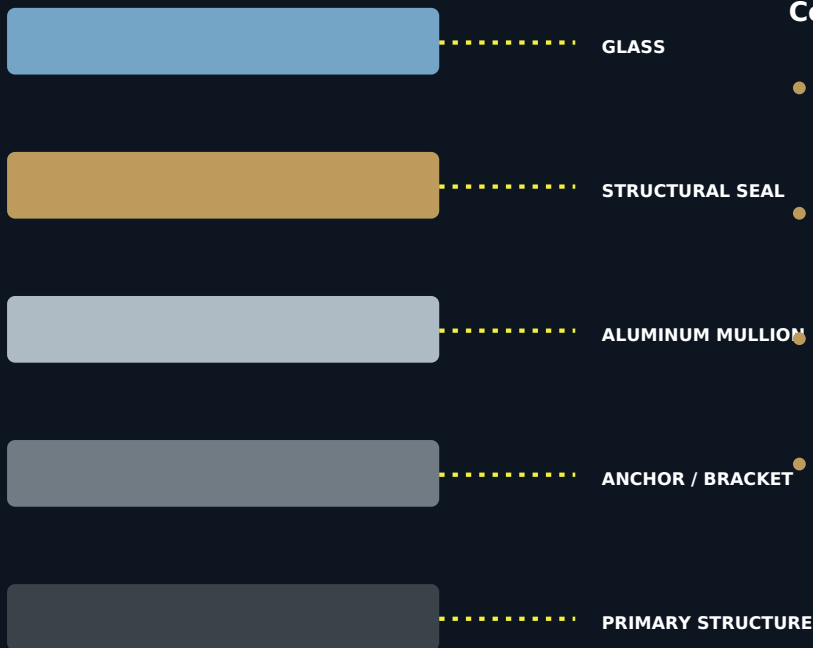
PERFORMANCE

Geometry, spacing, brackets and finish specifications are coordinated to the elevation, loading and maintenance strategy.

IDEAL FOR / OPTIONS

Architectural powder coating, anodizing or PVDF; finish warranty subject to approved applicator, specification and exposure category.

ENGINEERED AS AN INTEGRATED ASSEMBLY



Coordination priorities

● Movement

Accommodate thermal and structural movement.

● Drainage

Create pressure-equalized paths and controlled discharge.

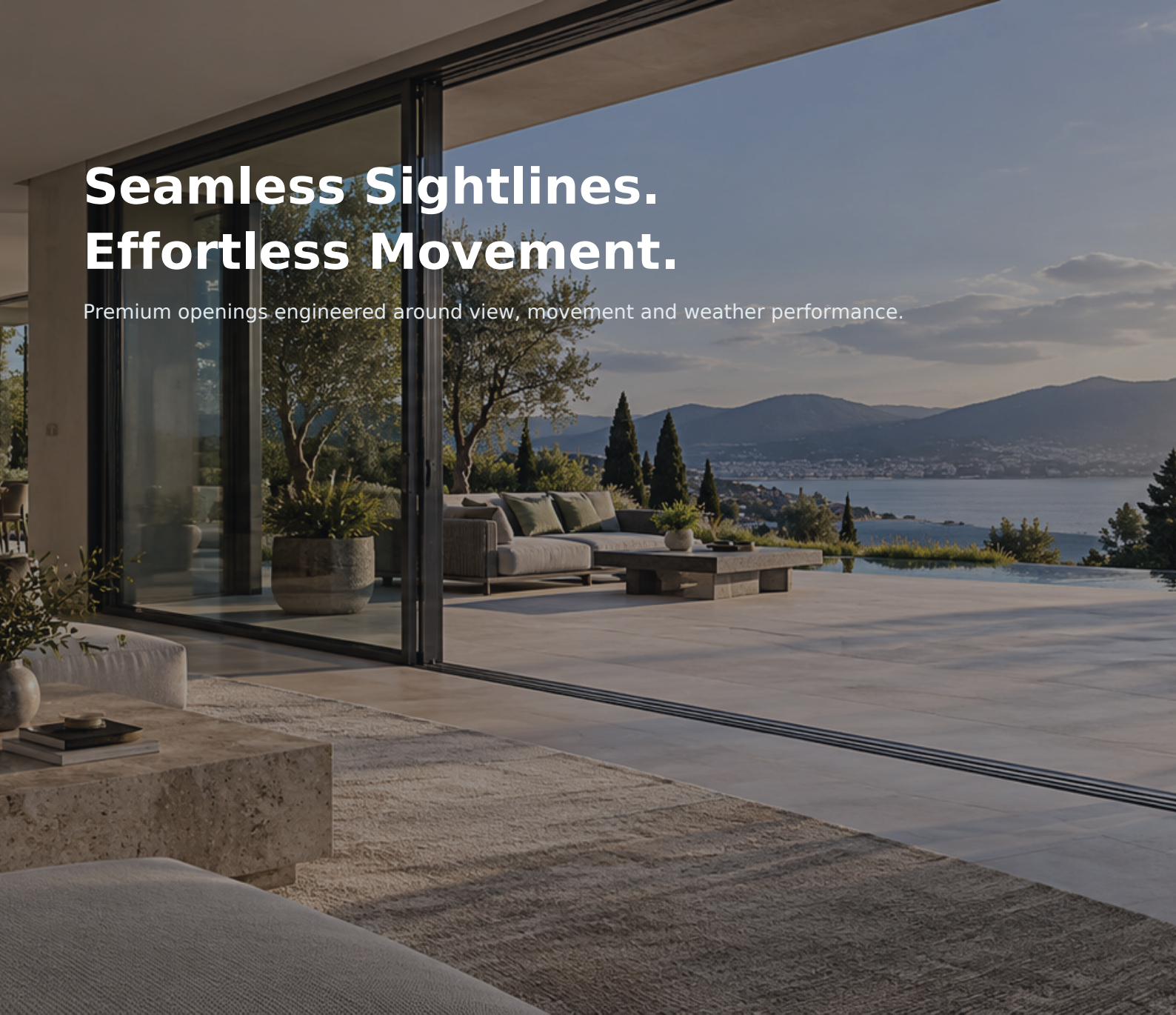
● Interfaces

Resolve slab edge, waterproofing and adjacent finishes.

● Access

Plan replacement, cleaning and maintenance strategy.

Illustrative assembly only. Final details depend on the selected system and project conditions.



Seamless Sightlines. Effortless Movement.

Premium openings engineered around view, movement and weather performance.

01 Ultra-Slimline Minimal Sliding Systems

Large-format sliding doors with refined interlocks and recessed track options for visually continuous living spaces.

PERFORMANCE

System-dependent interlock sightlines can be specified from approximately 18-24 mm. Engineered tandem rollers support smooth operation of large, heavy panels.

IDEAL FOR / OPTIONS

Luxury residences, penthouses, villas and hospitality suites. Panel weights and sizes subject to system limits and engineering approval.

Comfort at Architectural Scale

02 Heavy-Duty Lift & Slide Systems

Designed for expansive openings where wind, rain exposure and panel weight demand enhanced sealing and controlled operation.

PERFORMANCE

Handle operation lifts the sash away from compression seals for smooth movement; closing returns it to a securely sealed position.

IDEAL FOR / OPTIONS

Coastal residences, exposed balconies, large terraces and high-performance openings.

03 Thermal-Break Casement & Tilt-Turn

Polyamide barriers separate internal and external aluminum components, reducing direct thermal transfer through the frame.

PERFORMANCE

Can be paired with DGU, Low-E or acoustic laminated glass to improve comfort, energy performance and sound insulation.

IDEAL FOR / OPTIONS

Bedrooms, studies, premium residences, hotels and conditioned commercial spaces.

DESIGN NOTE

Acoustic, thermal, structural, air and water performance depends on the complete tested assembly, opening size, glass build-up, installation quality and site exposure.

Specifications for Demanding Applications

SYSTEM PARAMETER	STANDARD SPECIFICATION	PREMIUM / HEAVY-DUTY OPTION
Aluminum alloy	6063-T6 architectural grade	6061-T6 where higher structural properties are required
Surface treatment	60-80 micron architectural powder coating	Hard anodized or PVDF system to approved specification
Glass configurations	8-12 mm toughened safety glass	24-32 mm DGU / Low-E / acoustic laminated build-ups
Weather sealing	Vulcanized EPDM gaskets and drainage paths	Continuous multi-point compression sealing
Wind-load design	Project-specific; commonly up to 2.5 kPa	Higher coastal loads subject to engineering and validated testing
Hardware	Concealed multi-point locking options	Imported heavy-duty hardware for large-format systems

PROJECT-SPECIFIC VALIDATION

Final performance values are established through approved calculations, system limits, material certificates, shop drawings, mock-ups and laboratory or field testing where specified. Values shown above are indicative selection benchmarks, not universal system ratings.

Engineering & Quality Workflow

A successful envelope depends on controlled decisions at every stage. GKS coordinates design intent, calculations, interfaces, fabrication and installation through a documented project workflow.

01 Design brief & survey

Review elevations, exposure, opening sizes, interfaces and performance expectations.

02 System engineering

Select profiles, glass, anchors, gaskets, hardware and drainage strategy to suit project loads.

03 Calculations & submittals

Prepare wind-load checks, structural calculations, shop drawings, method statements and material data.

04 Mock-up & approvals

Coordinate samples, finish swatches, visual mock-ups and performance testing where specified.

05 Precision fabrication

Control cutting, routing, drainage preparation, assembly, glazing and traceable quality checks.

06 Installation & handover

Execute setting-out, anchoring, sealing, inspection, snag closure and maintenance guidance.

QUALITY HOLD POINTS

Material verification / dimensional checks / fastener and anchor inspection / sealant preparation / drainage continuity / glass identification / final water-management review

Built Experience. Diverse Applications.



INSTITUTIONAL / CORPORATE

Aditya Birla Science & Technology Centre

CLIENT / PROJECT ASSOCIATION

Aditya Birla

Archival portfolio image retained from the earlier GKS brochure.



RETAIL / COMMERCIAL

Raghuleela Mall, Vashi

CLIENT / PROJECT ASSOCIATION

The Wadhwa Group

Archival portfolio image retained from the earlier GKS brochure.



RESIDENTIAL

Palm Beach Residency, Nerul

CLIENT / PROJECT ASSOCIATION

The Wadhwa Group

Archival portfolio image retained from the earlier GKS brochure.

Built Experience. Diverse Applications.



INFRASTRUCTURE

Mumbai Metro Station, Sakinaka

CLIENT / PROJECT ASSOCIATION

Shapoorji Pallonji & Co.

Archival portfolio image retained from the earlier GKS brochure.



RESIDENTIAL / INSTITUTIONAL

DDA Complex, Narela, Delhi

CLIENT / PROJECT ASSOCIATION

B. G. Shirke

Archival portfolio image retained from the earlier GKS brochure.



RESIDENTIAL

Yashaskaram, Kharghar

CLIENT / PROJECT ASSOCIATION

Sai Builders & Developers

Archival portfolio image retained from the earlier GKS brochure.

Built Experience. Diverse Applications.



LUXURY RESIDENTIAL

Wadhwa Aquaria Grande, Borivali (W)

CLIENT / PROJECT ASSOCIATION

The Wadhwa Group

Archival portfolio image retained from the earlier GKS brochure.



INFRASTRUCTURE

Kharghar Metro Stations 4 & 6

CLIENT / PROJECT ASSOCIATION

Univastu India Pvt. Ltd.

Archival portfolio image retained from the earlier GKS brochure.



RESIDENTIAL

Seasons, Chembur

CLIENT / PROJECT ASSOCIATION

Hubtown

Archival portfolio image retained from the earlier GKS brochure.

Built Experience. Diverse Applications.



RESIDENTIAL

OM Makrand Height, Ghatkopar East

CLIENT / PROJECT ASSOCIATION

DD Infra

Archival portfolio image retained from the earlier GKS brochure.



RESIDENTIAL

OM Priyadarshini, Ghatkopar East

CLIENT / PROJECT ASSOCIATION

Aakruti

Archival portfolio image retained from the earlier GKS brochure.



COMMUNITY / INSTITUTIONAL

Bhanushali Wadi, Ghatkopar East

CLIENT / PROJECT ASSOCIATION

Shri Kutchhi Bhanushali Seva Samaj Trust

Archival portfolio image retained from the earlier GKS brochure.

Built Experience. Industrial Precision.



INDUSTRIAL / COMMERCIAL

Grindwell Norton

Mora, Uran, Navi Mumbai

PROJECT ELEVATION

A long-format facade composed around rhythm, daylight and architectural identity.

The elevation combines broad glazed bands, vertical architectural features and a defined central entrance. The project image is presented as part of GlassKrafts' selected facade portfolio.

Residential Scale. Refined Detail.



RESIDENTIAL

Euphoria

Kharghar, Navi Mumbai

HIGH-RISE RESIDENTIAL

**A contemporary
high-rise elevation
with vertical rhythm.**

A composed residential facade with generous glazing, defined balcony lines and a strong high-rise architectural identity.

PROJECT VIEW

Euphoria

Kharghar
Navi Mumbai
Residential development

ISO 9001:2015 Quality Management System

شهادة

■ ZERTIFIKAT

■ CERTIFICATO

■ CERTIFICADO

■ CERTIFICATE



Certificate of Registration

This is to certify that

GLASS KRAFT

PLOT NO 1980, BEHIND LALIT KATA, FIRDAUS MARKET, KHAUTARI,
OPP. RUTIKA HOTEL, TALOJA -410208, INDIA

has been assessed by QCAS and found to
comply with the requirements of:

ISO 9001:2015

Quality Management System

For the following scope:

**FACADE WORKS MANUFACTURING AND INSTALLATION OF ALUMINIUM AND UPVC
SLIDING WINDOWS, STRUCTURE GLAZING SPYDER GLASS WORK MS STRUCTURE,
ALUMINIUM, SS, AND MS RAILLING**

Certificate Number: QCAS-GSKT-23-16301

To verify this certificate please visit at www.gaafs.us

Date of Certification

16TH DEC 2023

Issuance Date

16TH DEC 2023

1st Surveillance Due

15TH DEC 2024

2nd Surveillance Due

15TH DEC 2025

Re-Certificate Due

15TH DEC 2026



Authorized Signatory



Validity of this Certificate is subject to Annual Surveillance audits done successfully

This certificate remains the property of QCAS and must be returned whenever demanded QCAS is an independent system product and personal assessment body QCAS is accredited by Global Accreditation Assessment Forum (GAFF)

Facade & Window Systems at a Glance

Select the system only after checking wind pressure, opening size, water exposure, energy and acoustic targets, glass weight, operating frequency, maintenance access and compatibility of frames, anchors, gaskets and sealants.

01 Facade Systems

BEST SUITED TO

High-rise towers, offices, malls and atriums.

SYSTEM OPTIONS

Unitized, semi-unitized, stick curtain wall, structural glazing, spider glazing and cladding.

VERIFY BEFORE RELEASE

Wind load, anchors, slab edge, movement, drainage, glass safety and fire-stopping.

02 Facade Windows

BEST SUITED TO

Controlled ventilation within glazed facades.

SYSTEM OPTIONS

Top-hung, casement, parallel-opening and projecting vents integrated into curtain walls.

VERIFY BEFORE RELEASE

Pressure equalisation, restrictors, hardware, gasket continuity and perimeter interfaces.

03 Aluminium Windows

BEST SUITED TO

High-rise, coastal and large glazed openings.

SYSTEM OPTIONS

Sliding, casement, lift-slide, tilt-turn, thermal-break and minimal-frame systems.

VERIFY BEFORE RELEASE

Alloy and thickness, interlock deflection, roller capacity, EPDM seals and drainage.

04 uPVC Windows

BEST SUITED TO

Homes needing thermal and acoustic comfort.

SYSTEM OPTIONS

Multi-chamber sliding, casement and tilt-turn profiles with galvanized-steel reinforcement.

VERIFY BEFORE RELEASE

Reinforcement, UV stability, expansion gaps, corner welds, drainage and hardware fixing.

FAST DESIGN CHECK

DESIGN CONDITION

High-rise / severe wind

Energy / acoustic priority

Large sliding panels

SYSTEM DIRECTION

Engineered aluminium

Thermal-break aluminium
or reinforced uPVC

Lift-slide / minimal
aluminium

CONFIRM

Section inertia, anchors, glass load

DGU, seals, air leakage

Rollers, track support, drainage

Final glass, profile and fixing design must be project-specific and verified to applicable standards.

Complete Scope of Services

Curtain walls

Unitized, semi-unitized, stick glazing and structural silicone facade systems.

Architectural glass

Spider glazing, glass canopies, atriums, entrances and feature glazing.

Premium windows

Minimal sliders, lift-and-slide, casement, tilt-turn and fixed glazing.

Cladding & screening

ACP, solid aluminum, fins, louvers, soffits, flashings and feature elements.

Facade engineering

System selection, wind-load calculations, deflection review and interface detailing.

Project delivery

Surveys, shop drawings, samples, mock-ups, fabrication, installation and handover.

DESIGNED AROUND YOUR PROJECT

Every solution is configured to opening size, building movement, wind exposure, waterproofing interfaces, glass selection, operational needs and maintenance access.

Let's Engineer Your Next Landmark Elevation.

From early system selection to final installation, our engineering team helps translate design intent into a coordinated, buildable envelope.

- **Architectural consultation**

Joint detailing, wind-load review and elevation coordination.

- **CAD and 3D drafting**

Shop drawings, structural submittals and interface details.

- **Samples and mock-ups**

Profile corners, finish swatches and on-site visual mock-ups.

GKS WINDOWS AND FACADE PVT. LTD.

Glass Kraft Systems

HEAD OFFICE & WORKS

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QR CODE

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and specification resources