



ALURO CRAFT
Window Solutions

PRECISION FABRICATION • BALCONY RAILINGS • SHOWER CUBICLES

**FULLY AUTOMATIC
CNC PLANT**
FARIDABAD,
DELHI NCR

CORPORATE
ARCHITECTURAL BROCHURE

Architectural Fenestration & **CNC** Engineering Excellence

Engineered uPVC and Aluminium fenestration systems. Delivering micron-level hairline corner joints, guaranteed 7–10 day plant dispatches, and certified turnkey site installations across India and export markets.



PREMIUM
FENESTRATION
SYSTEMS



ADVANCED
CNC
ENGINEERING



7-10 DAY
PLANT
DISPATCHES



CERTIFIED
TURNKEY SITE
INSTALLATIONS



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CORE OPERATIONS
360° DELIVERY MODEL

Who We Are:

The Master Fenestration Tailor



CORE MARKET INSIGHT & MISSION

Founded in 2009, Alurocraft Window Solutions eliminates the traditional industry compromise where clients either pay inflated markups for proprietary branded systems or suffer rough corner joints, air leakage, and chronic site delays from manual fabricators.

Operating as “**India’s Master Fenestration Tailor,**” AluroCraft empowers architects, developers, and retailers to specify any profile extrusion system that fits their budget while receiving European-standard CNC machining, rigid lead times, and laser-guided site handover.

The Automated CNC Precision Advantage



BRAND-AGNOSTIC FLEXIBILITY

Any Profile • Any Budget

Just as a master tailor crafts a bespoke suit regardless of fabric label, AluroCraft takes any specified uPVC or Aluminium system and delivers hairline ≤ 0.2 mm mitre joints and clean gasket seating.



MICRON TOLERANCE

Any Profile • Any Budget

Computerized multi-axis CNC routing eliminates manual chisel notching. Automated pneumatic 4-point crimpers ensure rigid, airtight, and rattle-free corner geometry.

Engineering Comparison: Manual vs. AluroCraft CNC Plant

Execution Parameter	Conventional Manual Fabricators	Proprietary System Brands	ALUROCRAFT CNC SOLUTION
 Corner Joint Finish	Manual blade cuts; visible joint gaps & burrs	Clean factory crimping	Zero-gap hairline CNC mitres (≤ 0.2 mm)
 Hardware Pocket Routing	Manual hand drill/chisel; loose fitmentss	Pre-machined fixed dies	Multi-axis CNC routing for vibration-free locks
 Production Lead Time	4 to 8 weeks (erratic & delayed)	6 to 10 weeks (rigid supply chains)	7 to 10 days guaranteed dispatch SLA
 Profile Brand Freedom	Limited local dies only	Locked into single proprietary section	100% BRAND-AGNOSTIC FLEXIBILITY
 Site Execution Quality	Untrained labor; messy silicone tooling	Rigid slots, slow snag resolution	In-house laser-aligned certified teams



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What We Do: Structured Business Channels

Operating from our centralized manufacturing plant in Faridabad, AluroCraft operates across three structured business models:



01 Turnkey Projects

Full drawing sign-off, wind-load deflection calculations, automated CNC fabrication, staged site delivery, and laser-aligned zero-snag installation.



02 OEM Manufacturing

Contract manufacturing for regional system brands, developers, and international contractors needing volume European-standard fabrication.



03 Precision Job Work

High-speed CNC cutting, lock pocket routing, weep drainage slotting, and 4-point hydraulic corner crimping on client-supplied profiles.

The Triple-Lock Operational Guarantee



01 Precision Quality

Multi-axis CNC routing for lock cases, gear pockets, and drainage channels. Hairline mitre crimping guarantees airtight gaskets and silent sliding glide.



02 7-10 Day Dispatch

Automated cycle times output 3x manual capacity. We provide barcode-tagged, 100%-job / lot packaged dispatches in 7-10 days, keeping project timelines strictly on track.



03 Site Reliability

In-house installation supervisors execute laser-aligned fixing, protective mask handling, clean neutral-cure structural silicone tooling, and a 12-point handover inspection.

Customer-Centric Execution SOP



Aperture Audit
& CAD



CNC
Machining



Factory QA
& Barcoding



Laser Site
Fixing



12-Pt
Handover



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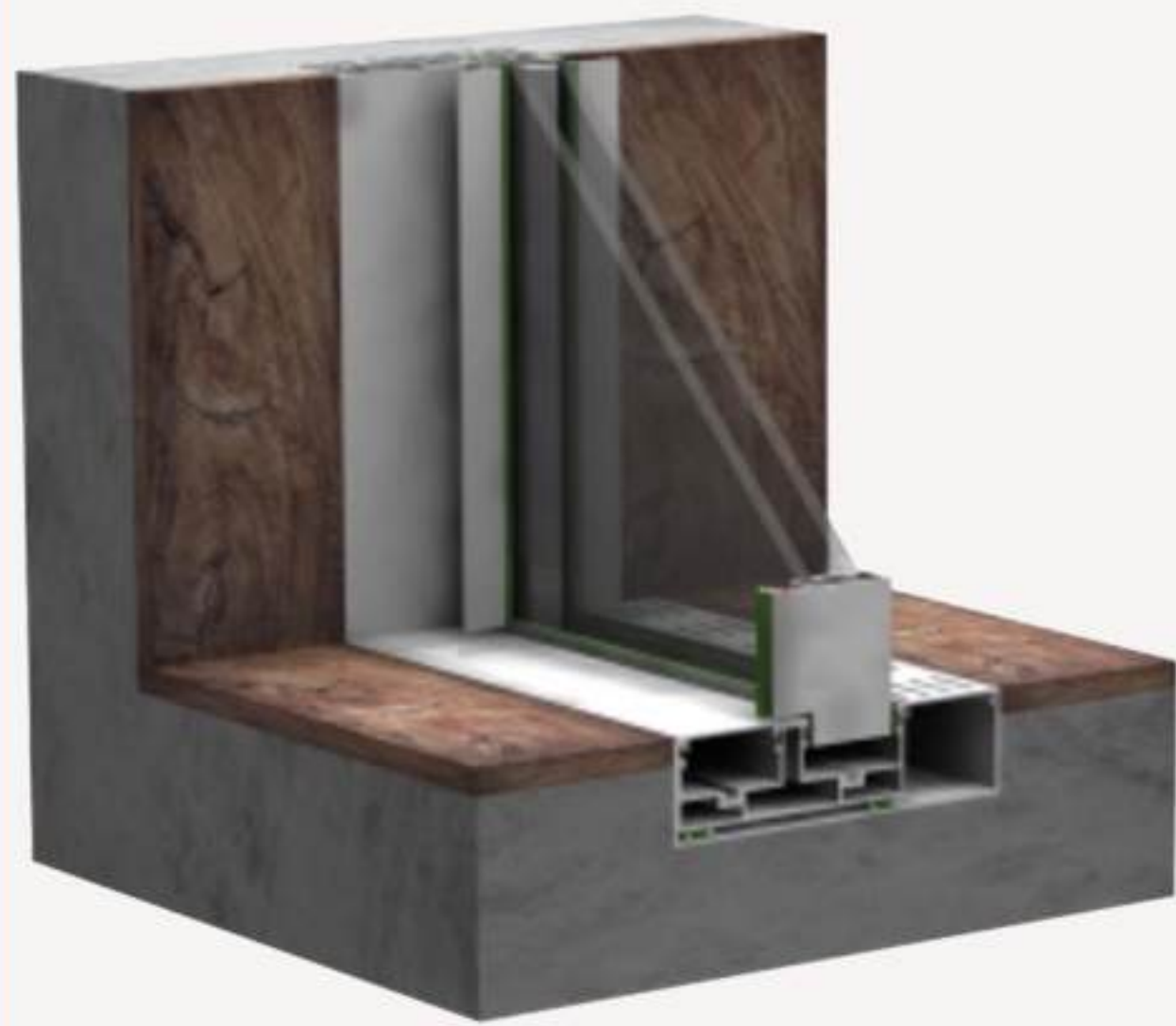
CORE OPERATIONS
360° DELIVERY MODEL

ARCHITECTURAL DOORS & WINDOWS SYSTEMS

Engineered for high wind-load resistance, acoustic dampening, smooth movement, and weather tightness across luxury villas, high-rises, and institutional buildings.

01 Slim-Line Sliding Systems

PANORAMIC LINE



Ultra-slim interlock profiles (18mm to 24mm) engineered for floor-to-ceiling glass expanses, multi-panel configurations, and unobstructed panoramic views.



Track Options: 2-Track (74mm), 3-Track (112mm), 4-Track & Monorail



Glass Range: 6mm Single to 28mm DGU Acoustic Units



Sash Capacity: Heights up to 3600mm; max load 300kg/sash

02 Heavy Lift & Slide Systems

LUXURY PATIOS



Engineered for grand apertures where sash weight exceeds standard rollers. The rotating gear handle lifts the sash off bottom EPDM gaskets for finger-touch gliding.



Frame Depth: 125mm–150mm heavy structural aluminium profile



Glass Range: 12.5mm to 32mm DGU / Laminated Safety Glass



Weight Rating: Up to 600kg per sash with airtight drop-down seal

03 Architectural Casement Systems

HIGH SECURITY



Heavy-gauge side-hung, top-hung, and tilt-and-turn window and door suites designed for high windward facades and superior soundproofing.



Series Depths: 40mm Sleek, 50mm Premium, and 60mm Heavy Line



Locking: Multi-point perimeter Euro-groove gear mechanisms



Sealing: Dual-extruded continuous EPDM compression gaskets

04 Slide & Fold (Bi-Fold) Systems

FLEXIBLE SPACE



Multi-leaf folding patio door suites that stack flush against side walls, creating complete 90%+ clear opening widths for party walls and showrooms.



Configurations: 3+0, 4+0, 5l, 6+1, 6+0, 7+1S (Up to 6.3m spans)



Glazing: Multi-point perimeter Euro-groove gear mechanisms



Hardware: Dual-extruded continuous EPDM compression gaskets



WIND LOAD RESISTANT
Engineered & tested for extreme conditions



ACOUSTIC DAMPENING
Enhanced comfort inside every space



SMOOTH MOVEMENT
Precision hardware for effortless glide



WEATHER TIGHTNESS
Complete sealing for long-term durability



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SPECIALIZED SYSTEMS
ENCLOSURES & FACADES

Specialized Architectural Building Products

In addition to exterior windows and doors, AluroCraft engineers specialized interior, balustrade, and facade components to deliver a unified architectural finish.

01 Pleated Mosquito Mesh Systems **INSECT BARRIER**



High-tensile waterproof polyester pleated retractable mesh systems. Features smooth Kevlar cord tensioning and wind-lock dips, integrating into sliding and casement frames.



UV Resistant Mesh



Zero Sightline Block



Smooth Glide

02 Luxury Shower Cubicles **WET ZONES**



Frameless and slim-profile toughened glass shower cubicles, sliding enclosures, and magnetic swing doors with anti-limescale hardware for master bathrooms.



8mm/10mm Toughened



SS 304/316 Hinges



Zero Water Leakage

03 Glass Balcony & Stair Railings **BALUSTRADES**



Continuous heavy aluminium base-shoe frameless glass balustrades and CNC vertical louver railings engineered for high wind-load rating on high-rise balconies.



Laminated Glass



Concealed Anchoring



Tested to 1.5 kN/m

04 Facades & Curtain Walls **EXTERIOR ENVELOPE**



Multi-leaf folding patio door suites that stack flush against side walls, creating complete 90%+ clear opening widths for party walls and showrooms.



50/60mm Elevation



Structural Silicone



High Acoustic STC

05



Internal Slim Demountable Office Partitions **INTERIOR PARTITIONS**

25×25 mm, 16×45 mm, and 25×100 mm double-glazed slim partition suites for corporate boardrooms, executive cabins, and luxury walk-in wardrobes.



Single & Double Glazed



Floor-to-Ceiling 4000mm Ht



Magnetic Blinds Compatible



40 dB Noise Isolation



ENGINEERED PERFORMANCE
Tested systems for extreme conditions



ACOUSTIC COMFORT
Superior sound insulation



THERMAL EFFICIENCY
Better insulation for energy savings



LEAK-PROOF DESIGN
Advanced sealing for long-term durability



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FINISHES & RIGOR
ISO QUALITY

Surface Treatments & Performance Standards

All AluroCraft aluminium and uPVC profiles undergo certified multi-stage pre-treatments, delivering UV stability, scratch resistance, and color retention across harsh climatic zones.

01



POWDER COATING

60–80 micron electro-static polyester coatings available across complete international RAL charts with matte, texture, and satin finishes.

Anthracite

Matt Black

Champagne

Pure White

02



WOOD GRAIN SUBLIMATION

Italian polyurethane sublimation technology transferring realistic wood textures with zero peeling, fading, or moisture swelling.

Walnut

Cherry

Golden Oak

Dark Teak

03



ANODIC HARD COATINGS

15–25 micron electrochemical oxidation creating an integral protective oxide layer that resists saline air, scratches, and chemicals.

Anodic Grey

Bronze III

Silver Matt

Deep Sable

STRUCTURAL & WEATHER PERFORMANCE RIGOR

 Engineering Parameter	 Tested Performance Standard	 Occupant & Architectural Benefit
 Wind-Load Resistance	Class 5 — Tested up to 2400 Pa / 220 km/h wind speeds	Clean faaCertified for high-rise towers up to 40+ floors with zero structural deflectionactory crimping
 Acoustic Sound Insulation	Up to 42 dB noise dampening (DGU / Acoustic Laminated)	Cuts city traffic, flight paths, and external urban noise by more than half
 Water-Tightness (EPDM)	Class 9A — Zero water penetration under tropical storms	Multi-stage weeping drainage tracks protect interior wood floors and walls
 Thermal Efficiency	Low U-Values compatible with Low-E double glazing	Reduces HVAC cooling/heating electricity loads by up to 30% annually



UV STABLE
FINISHES



SCRATCH
RESISTANT



CORROSION
RESISTANT



ACOUSTICALLY
OPTIMIZED



CERTIFIED
QUALITY





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TRACK RECORD
DISTINGUISHED SITES

Clientele & Landmark Retail & Project Footprint

Since 2009, AluroCraft has executed fenestration projects for government institutions, industrial conglomerates, residential developments, and private estates.

Landmark Institutional & Corporate Projects



Bureau of Delhi Text Books (NCERT)

Janakpuri, New Delhi
Complete Institutional Fenestration



Baksons Homeopathy Medical College

Greater Noida, UP
Full Campus & Hospital Enclosures



Indian Oil Corporation Ltd (IOCL Refinery)

Panipat, Haryana
Industrial Acoustic & High-Spec Glazing



Nuberg Engineering Ltd (HQ)

Noida, UP
Corporate Facade & Glazing Works



Motherson Sumi Automotive Plant

Dasna, UP
Industrial Enclosures & Fenestration



The Trained Nurses Association of India (TNAI)

New Delhi
Institutional Facade & Glazing



Mr. S R Bansal, Former CMD, Corporation Bank

New Delhi
Residential / Office Facade



NIFT Institute Campus & Hostels

Srinagar, Kashmir
Sub-Zero High Altitude Thermal Glazing



CGHS Dispensary

Rajender Place, Delhi
Government Healthcare Facility



Nuberg Engineering Ltd (Global Export)

Tanzania (Africa)
Heavy Industrial Export Glazing



BLS International Visa Center

Noida, UP
Commercial Facade & Security Glazing



Supertech Nova Towers

Noida, UP
High-Rise Residential Tower Fenestration



Almond House

Hyderabad
400 Windows



Mr. Kiren Rijiju — Member of Parliament

Krishna Menon Marg, New Delhi
Residence Fenestration

Luxury Residential, Villas & Elite Estates



Hon'ble Justice Sachin Datta

Siri Fort Road, New Delhi
Luxury Villa



Pushpanjali Farms Estates

Gurugram, Haryana
Panoramic Farmhouses



Sunshine Helios Residential

Sector 78, Noida
High-Rise Towers



Bespoke Builder Floors

Vasant Vihar, GK & DLF Phase 1–5
Bespoke Residences



Dr. SPS Bakshi Estate

Parwanoo, Shimla
Hill Station Villa



Mr Chand Sehgal, CMD Motherson Sumi

Panchsheel, Delhi
Premium DG Blinds



Country Inn Hotel

Meerut
Hotel Facade & Fenestration



Supertech, SuperNova

Noida, UP
Mixed-Use Residential & Commercial



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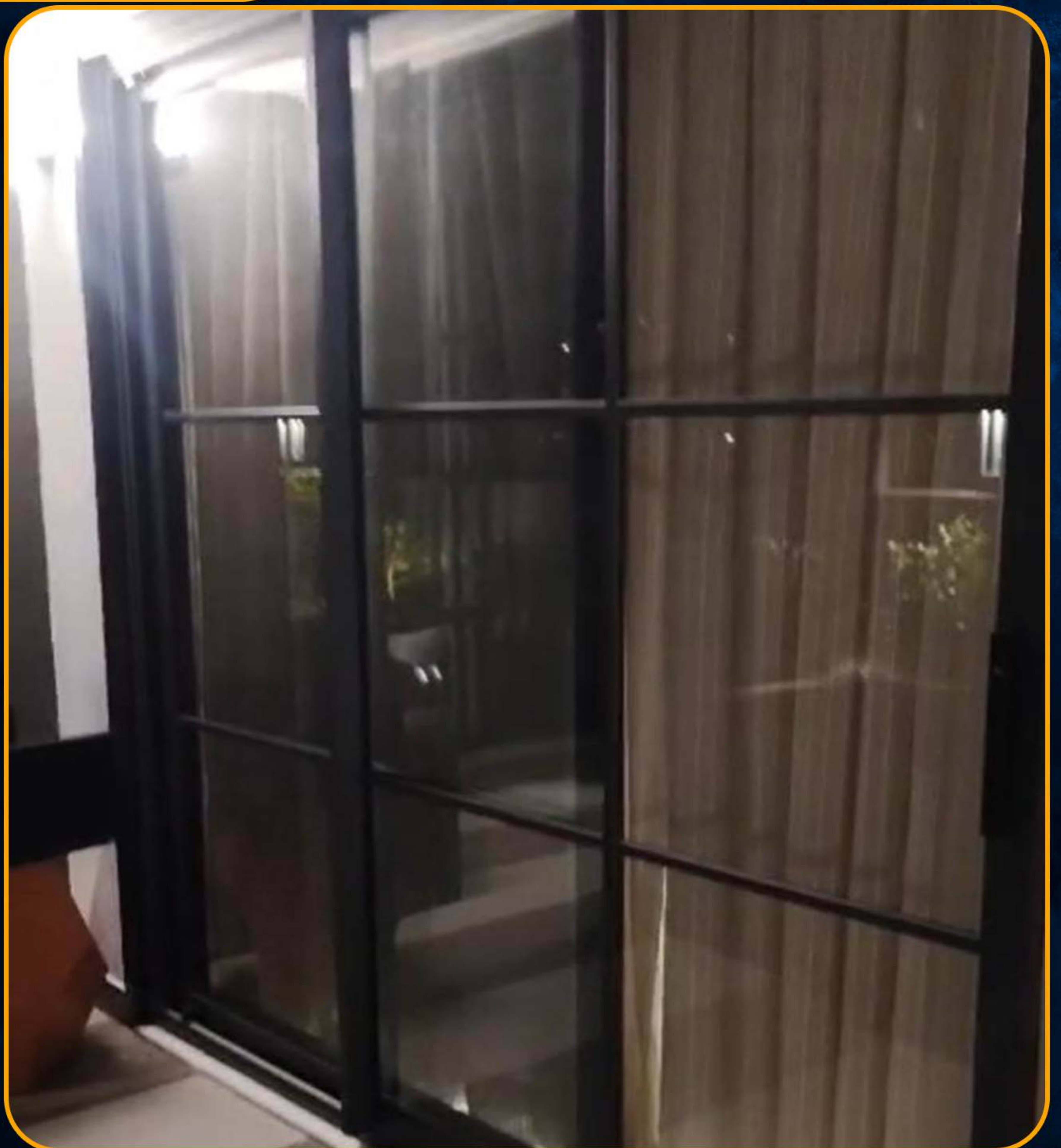
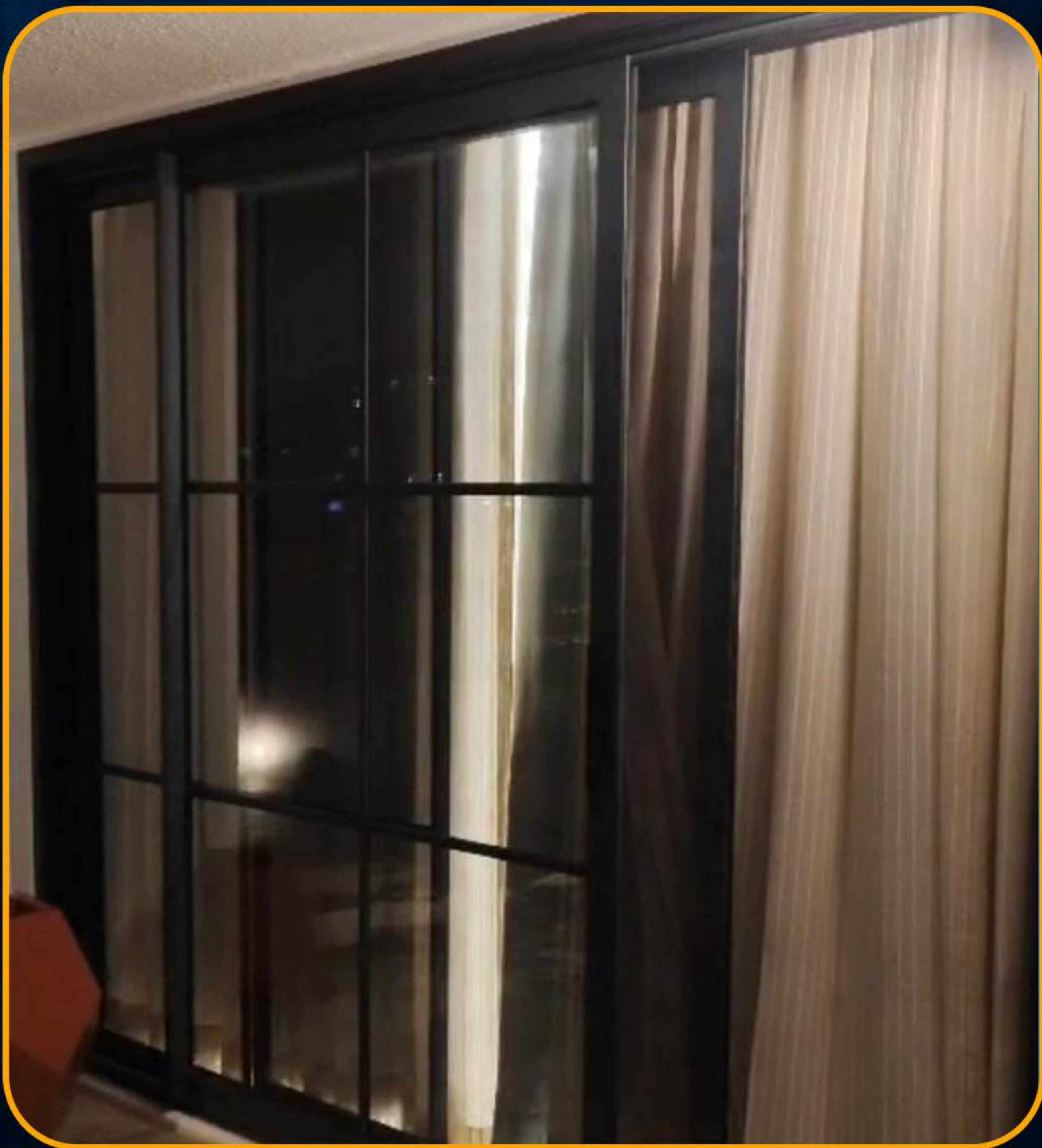
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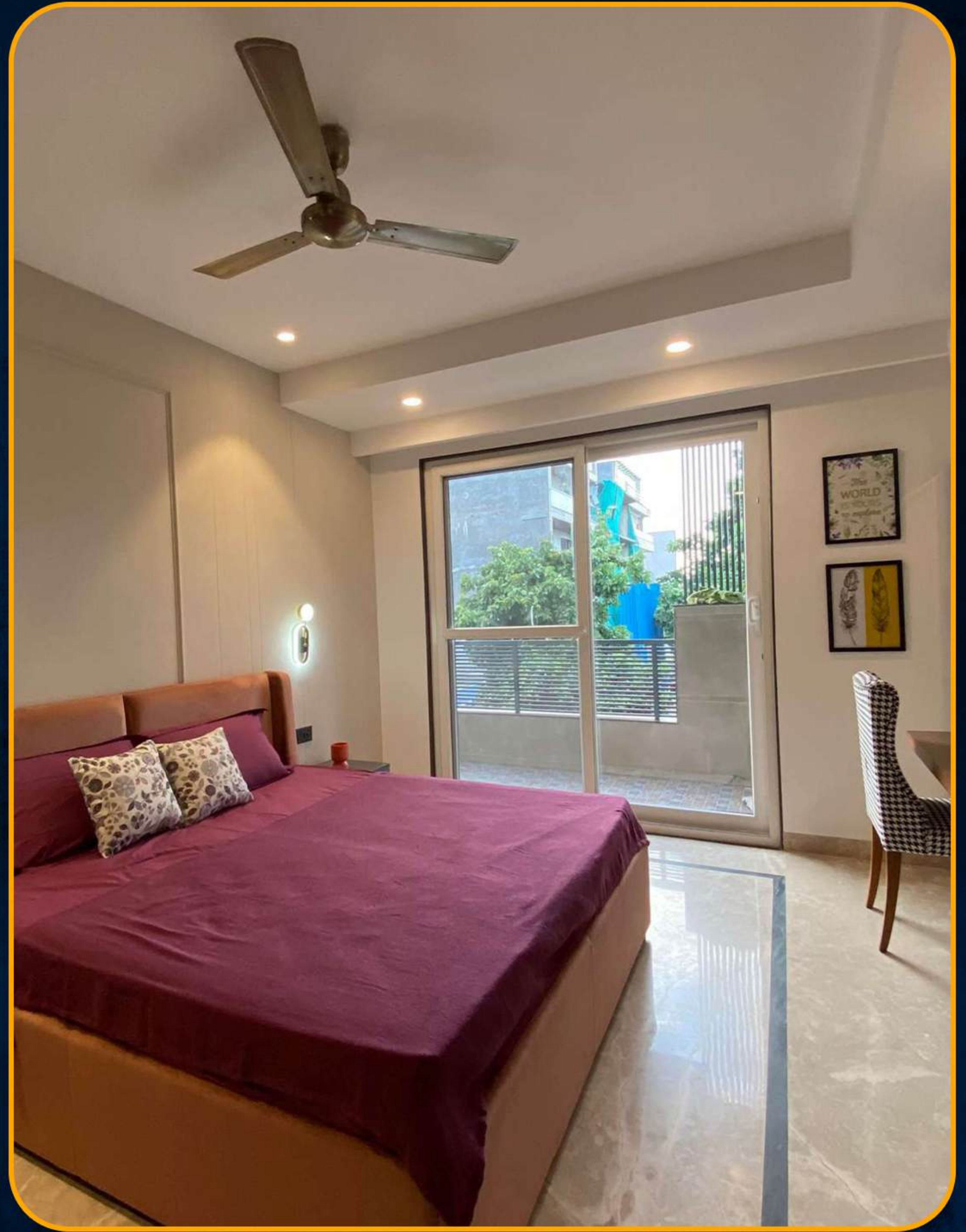
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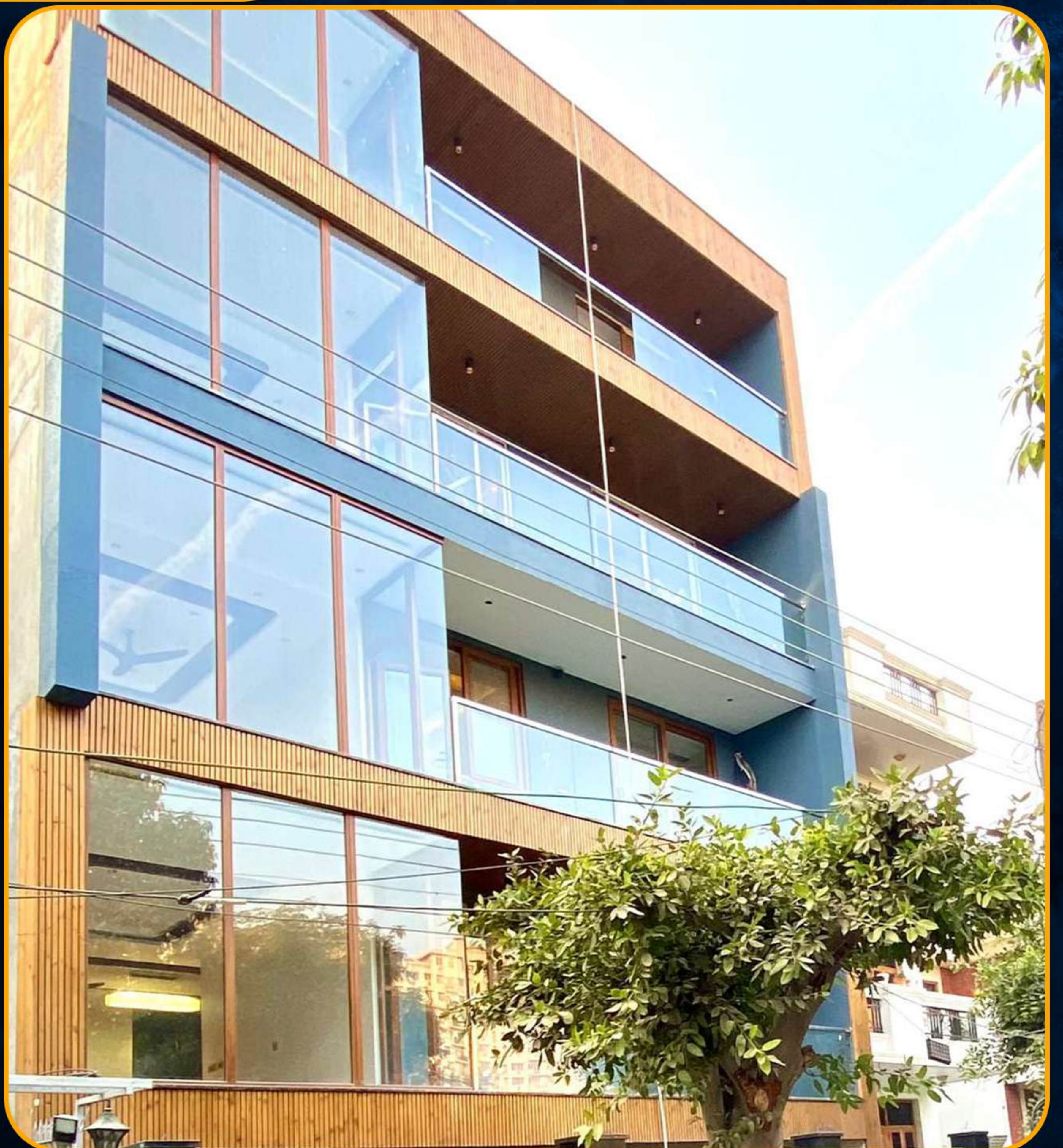
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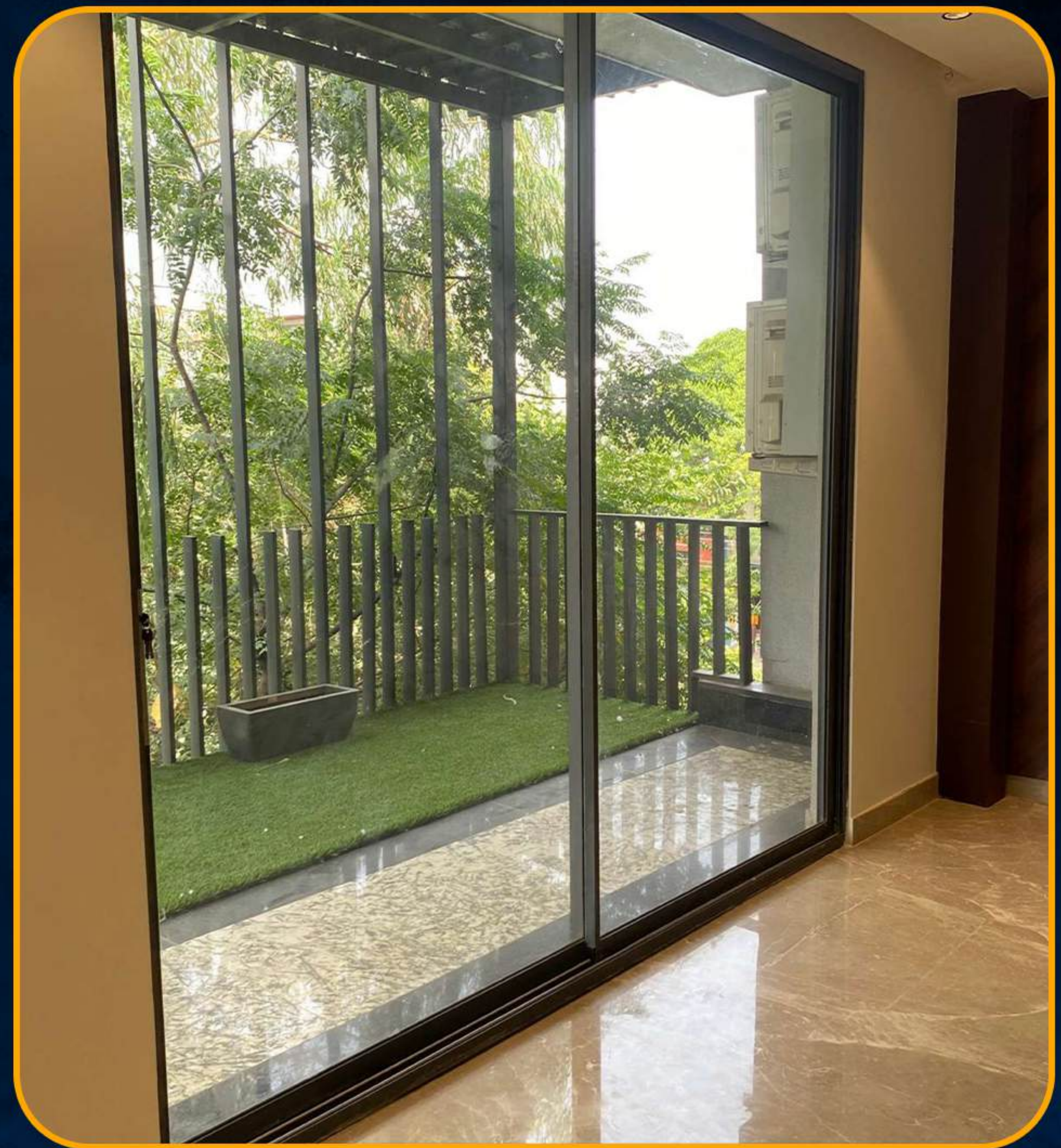
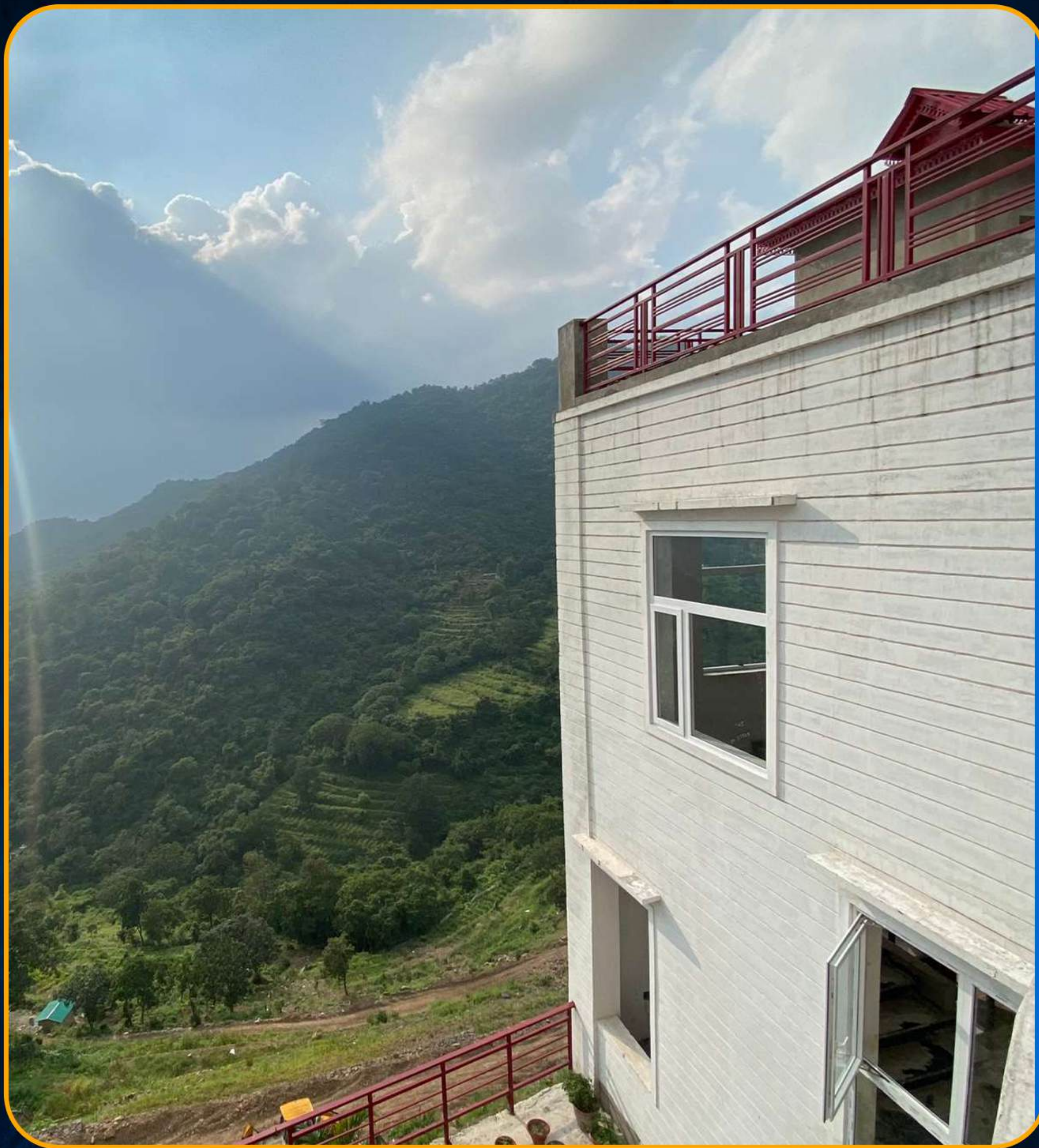


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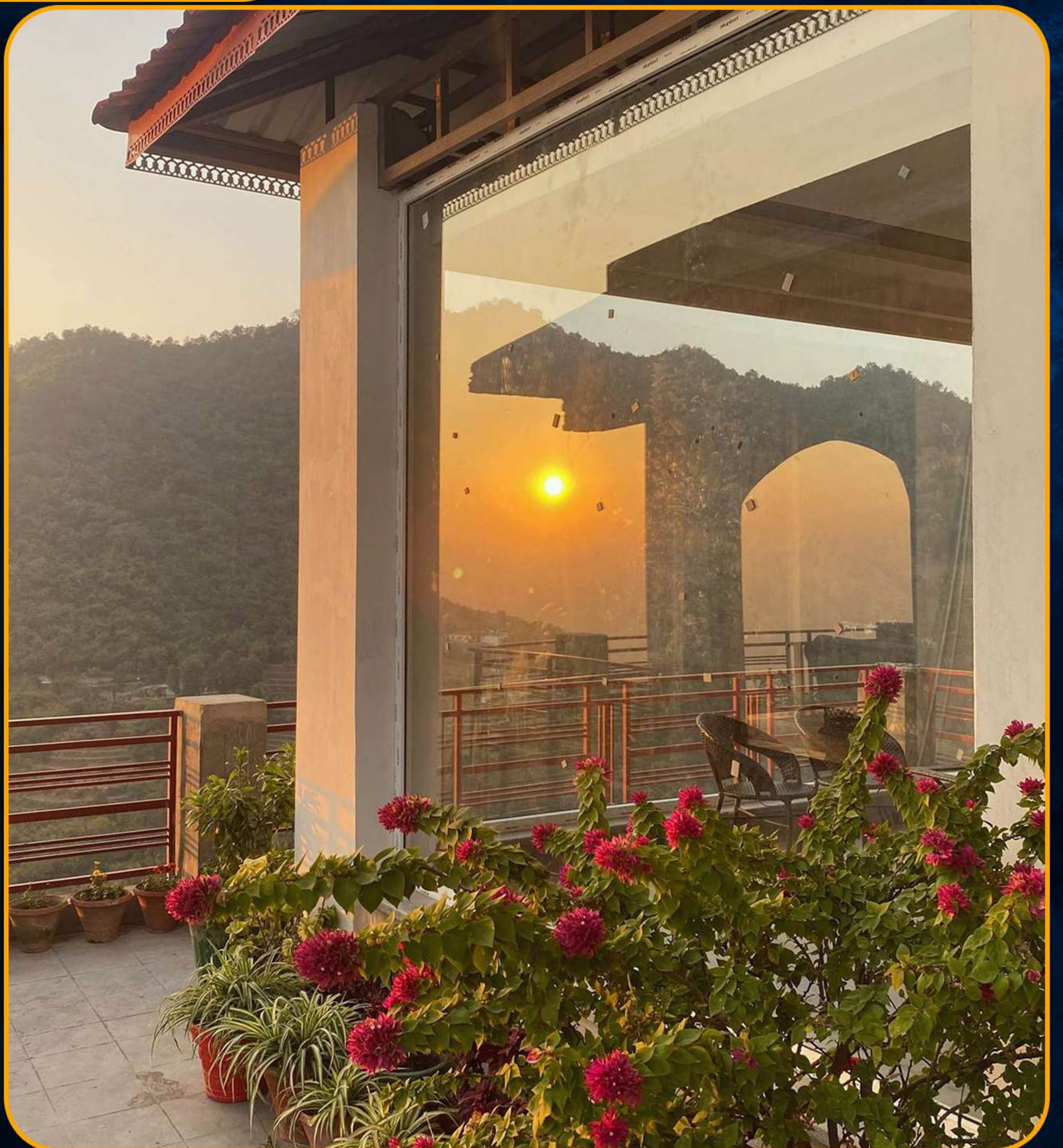


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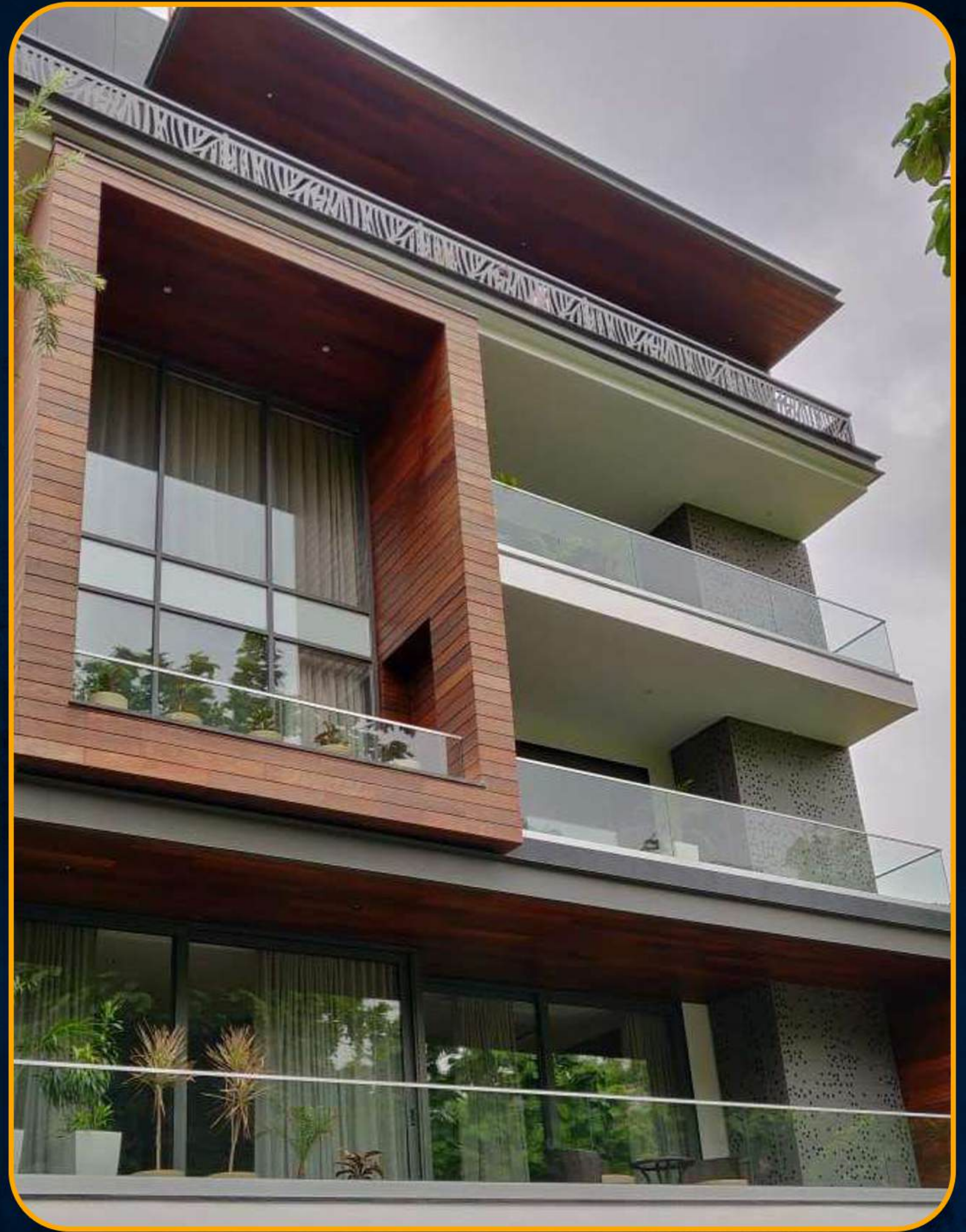


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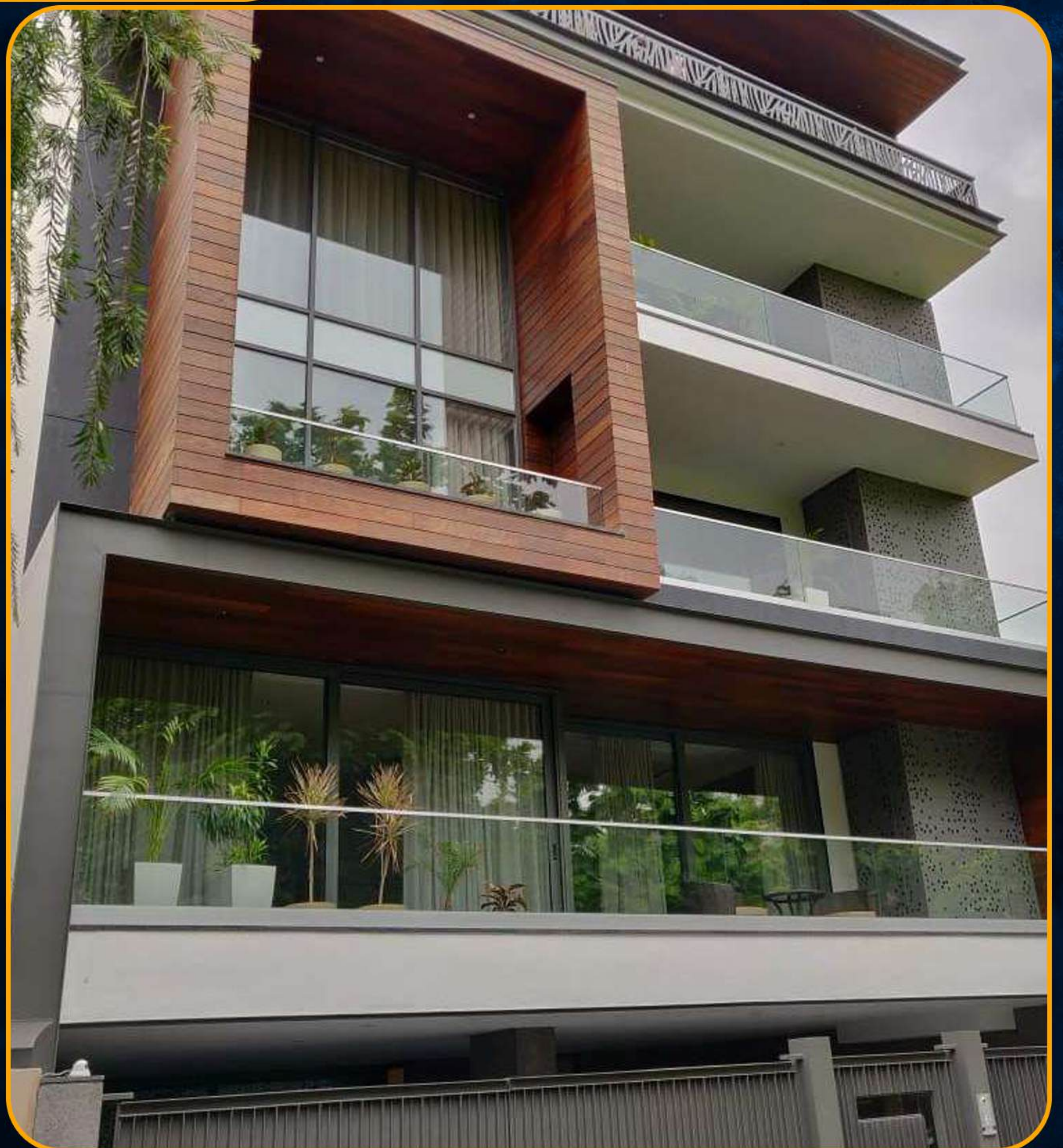
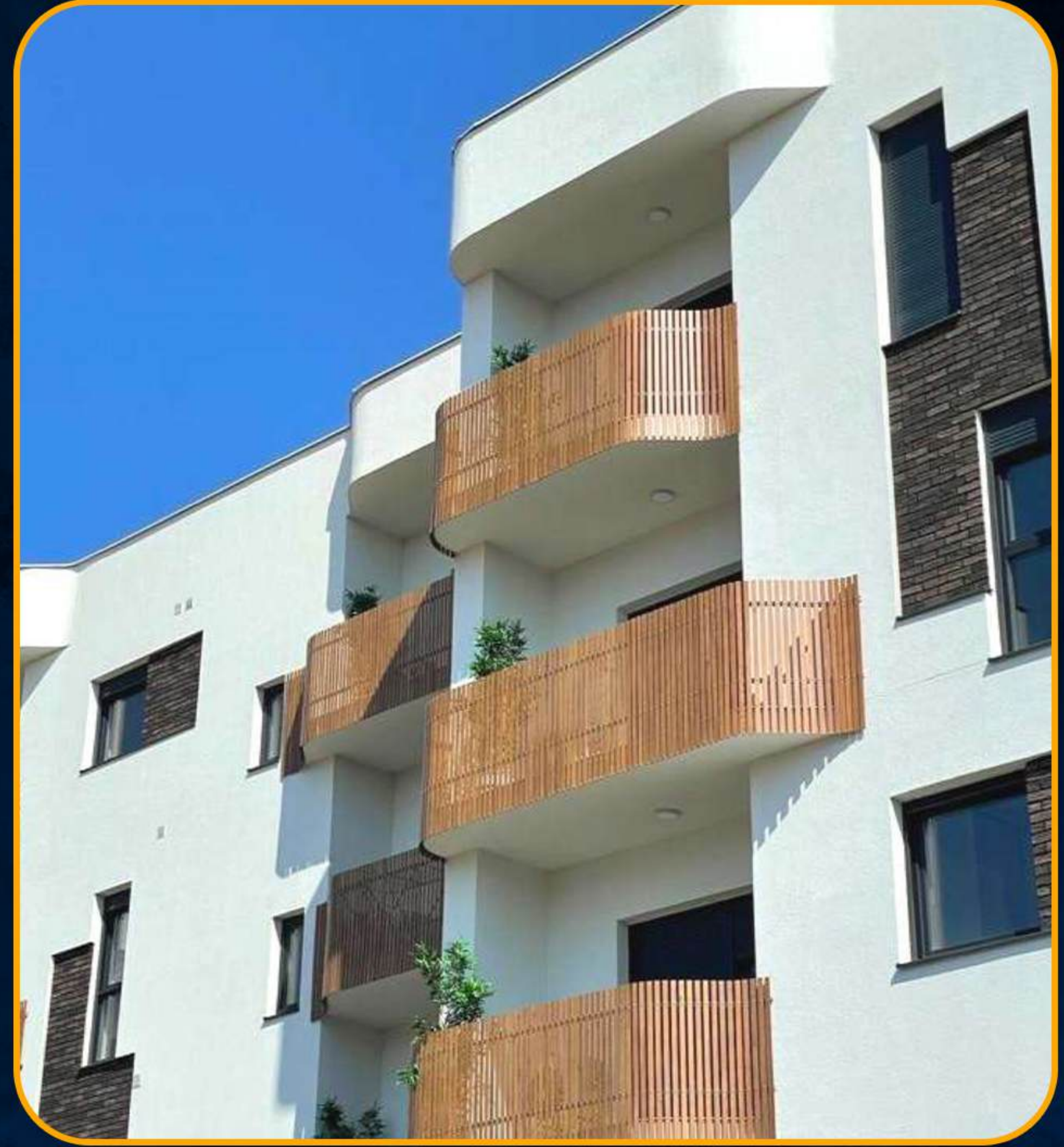
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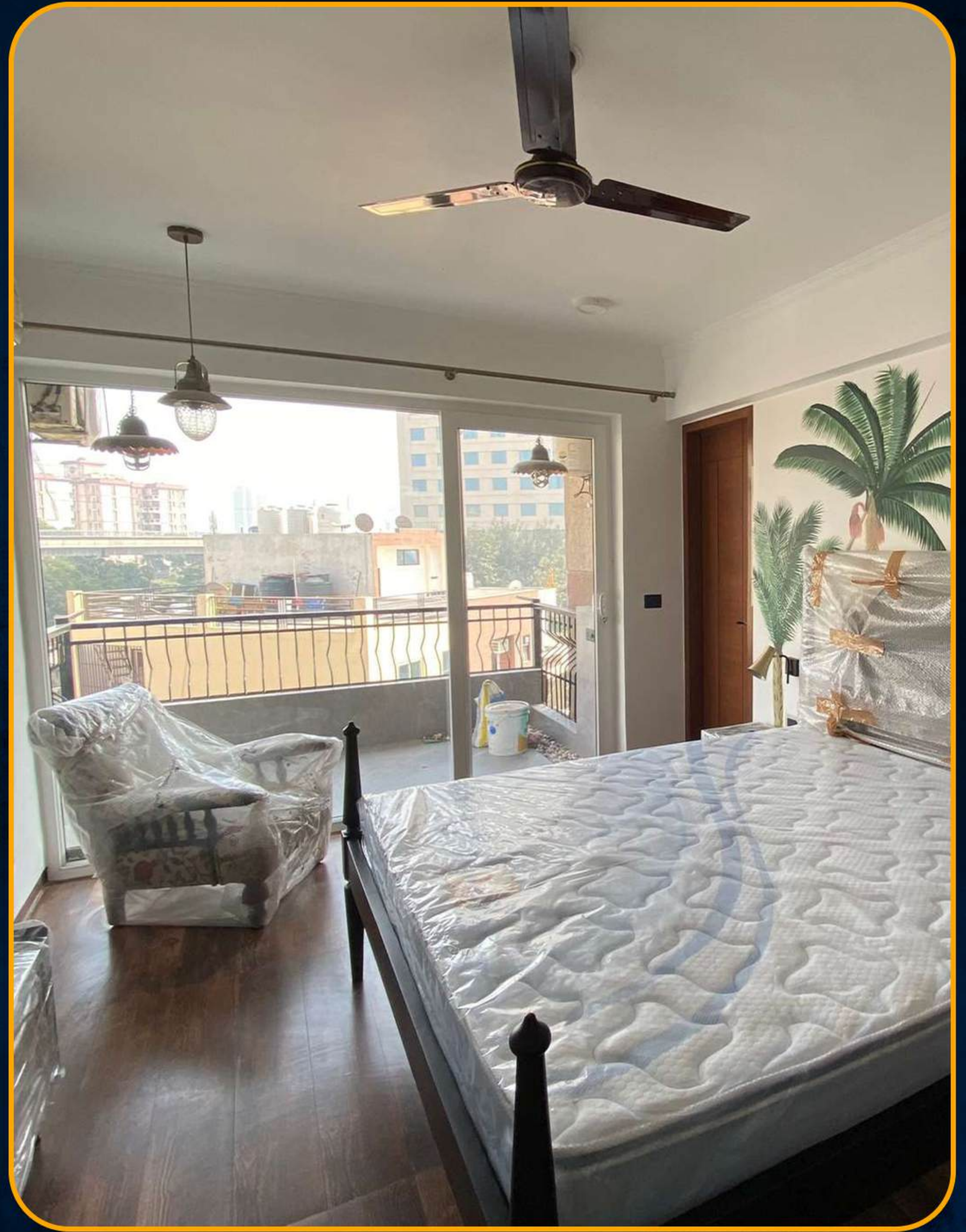


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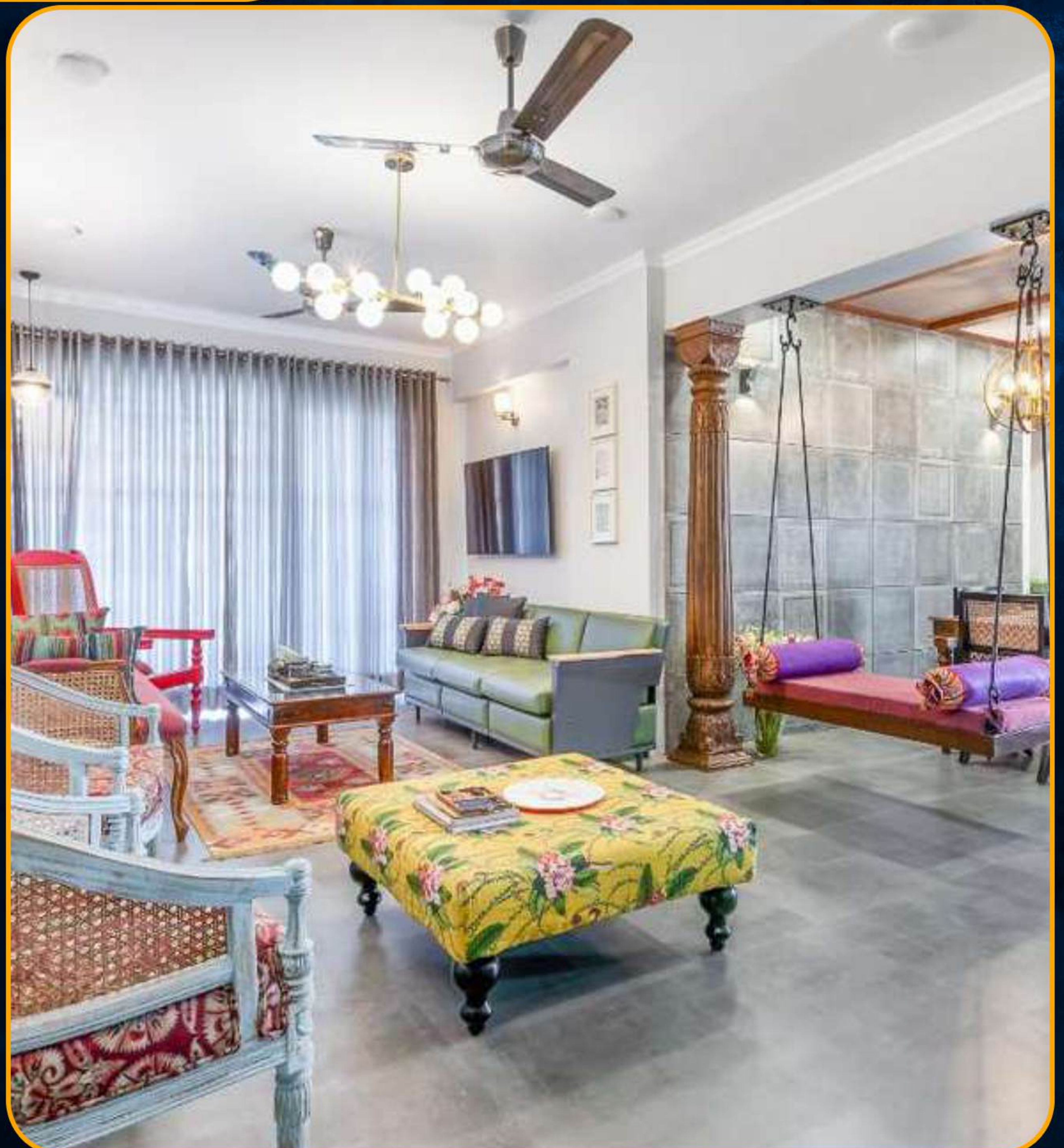
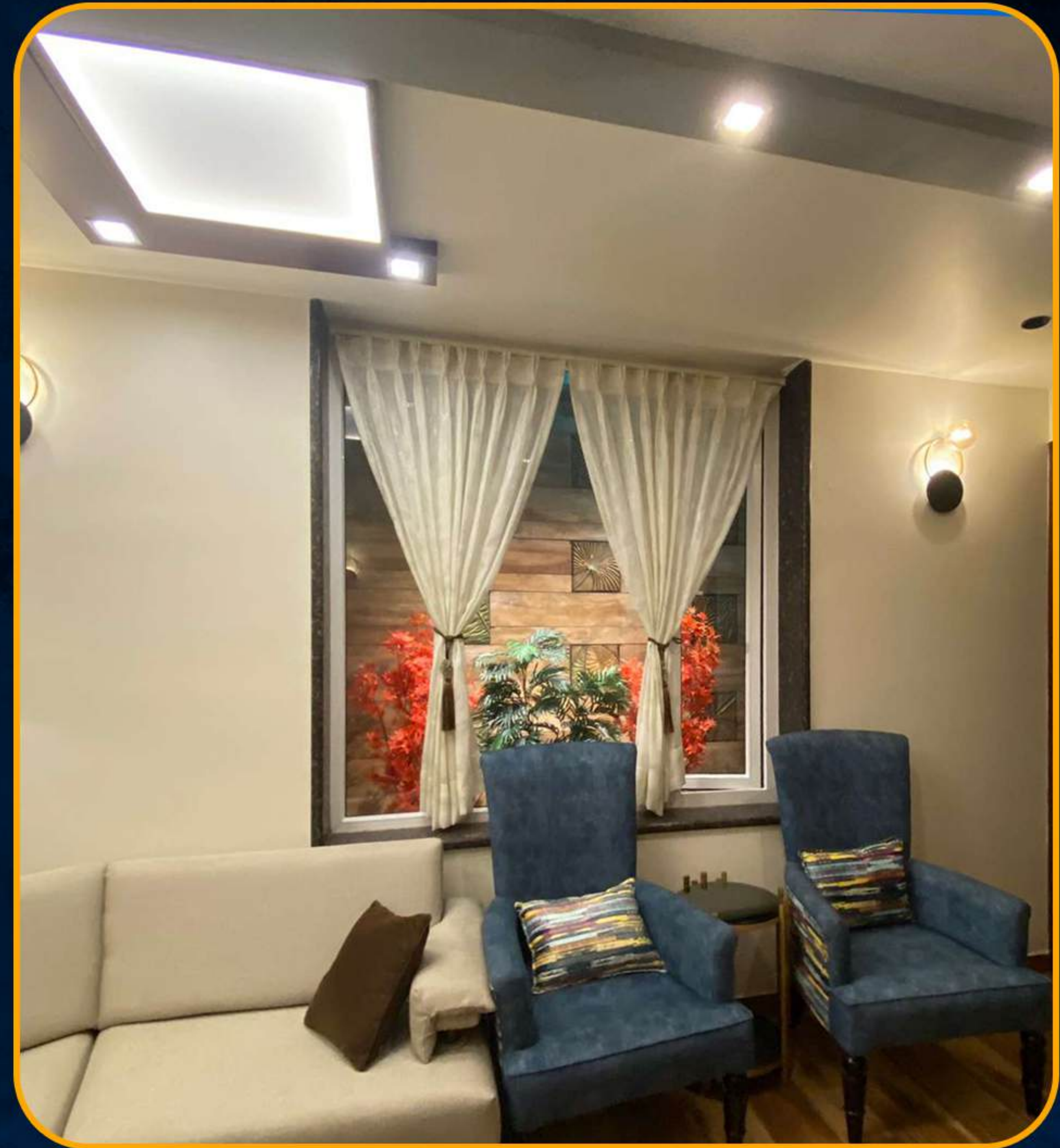
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CNC / FULLY AUTOMATIC PLANT

Partner With **India's Leading** Fenestration Tailor

Whether you are an architect drafting bespoke residences, a developer managing multi-tower timelines, or an OEM partner requiring scalable automated fabrication, AluroCraft provides precision quality, controlled pricing, and guaranteed dispatch schedules.



PRECISION
QUALITY



SCALABLE
FABRICATION



CONTROLLED
PRICING



ON-TIME
DISPATCH



Architect & Builder Support

- Free 3D sectional CAD shop drawings & BOQ estimation
- Physical CNC corner joint sample kits delivered to design offices
- Full mock-up sample unit installed at site within 5 days
- Floor-by-floor tagged dispatches with installation supervision



Plant & Head Office

Company: AluroCraft Window Solutions

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