

UWDMA **UPDATES**

Issue - September 2026



Raising The **Standards**

EXPLORING HOW
LEADING COMPANIES
DELIVER QUALITY
THROUGH
STANDARDS.



CONTENTS

INDUSTRY UPDATES



03
INTRODUCTION TO THE
INDUSTRY STANDARDS



05
RISING & UNCERTAIN
GLASS PRICES



22
**ENCRAFT: BUILDING
SMARTER, GREENER &
STRONGER LIVING
SPACES**



24
**SYSTEM DRIVEN
FENESTRATION BY
GEALAN**

MEMBER CORNER

**GIESSE SMART CHIC:
THE INVISIBLE
AUTOMATION**



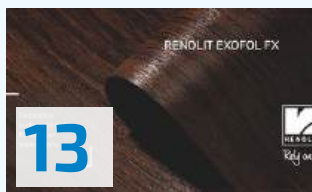
07



09
**TESTED TO
PERFORM : TRUTEK
FASTENERS**



12
**ADVANCED FABRICATION
TECHNOLOGY : BY LGF
SYSMAC**



13
**RENOLIT EXOFOL FX
: DURABLE COLOUR FOR
WINDOW FRAMES**



16
**THE MESH MATTERS: BY
BHAMBRA MESH**



18
**ELEVATING INDIA'S
FENESTRATION
INDUSTRY THROUGH
INTEGRATED
EXCELLENCE : GRIHAM
BY SUPREME**



20
**TESTED TO LAST: DNV
HARDWARE**



26
**PHIFER MESH: FOR
HEALTHIER, SAFER
& SMARTER LIVING**



28
**END TO END SOLUTIONS:
WINDOWZ BY OZONE**



31
**GLOBAL EXPOSURE,
STRONGER
FENESTRATION :
BY ANTHEM TRAVELS**



33
**WFM : YOUR
FENESTRATION
HANDBOOK**

UPCOMING EXHIBITIONS

34 BUILDING ARCHITECTURE, INTERIORS
& CONSTRUCTION EXPO -BAIC
@GUWAHATI

36 ZAK DOORS & WINDOWS EXPO 2026
@DELHI

37 ACETECH 2026-27
@BENGALURU @MUMBAI @DELHI @HYDERABAD

UWDMA HIGHLIGHTS

38 UWDMA AGM 2026

39 BUILDING SMARTER PROJECT
WORKFLOWS WITH PANFISH

40 2 DAYS ONLINE SALES WORKSHOP

BIS PUBLISHES STANDARD FOR uPVC WINDOWS AND DOORS

IS 19609:2026

TOGETHER, THESE BIS STANDARDS CREATE A COMPLETE FRAMEWORK FOR SAFE, DURABLE AND HIGH-PERFORMING UPVC WINDOWS AND DOORS IN INDIA.



A JOURNEY OF COLLABORATION SINCE 2010

UWDMA has been working closely with the Bureau of Indian Standards (BIS) since 2010 to bring structure, quality and credibility to the Indian fenestration industry.

Through continuous dialogue, technical inputs and active participation in various committees, UWDMA has contributed to the development of standards for uPVC and aluminium windows and doors.

This long-standing partnership reflects our shared commitment to a stronger, high-quality and future-ready industry.



Standards are not just documents, they are the foundation for a safer, stronger and more sustainable built environment."

— UWDMA

KEY MILESTONES IN THE JOURNEY



A STRONGER ECOSYSTEM BUILT ON STANDARDS

Together, these BIS standards create a complete framework for safe, durable and high-performing windows and doors in India.



01 IS 17953:2023 UPVC WINDOW AND DOOR PROFILES



Sets the requirements for uPVC profiles used in windows and doors, covering material, dimensions, properties and quality.

02 IS 19609:2026 UPVC WINDOWS AND DOORS



Specifies the requirements for finished uPVC windows and doors, including design, construction, performance, testing and marking.

03 IS 1948:2024 ALUMINIUM WINDOWS AND DOORS



Specifies the requirements for aluminium windows and doors, covering materials, fabrication, performance and testing.

04 IS 18648:2024 WINDOW AND DOOR PERFORMANCE STANDARDS

Specifies the performance requirements and test methods for windows and doors, applicable to both uPVC (IS 19609) and aluminium (IS 1948) products.

Key Performance Parameters

-  Air Permeability
-  Water Tightness
-  Resistance to Wind Load
-  Thermal Performance
-  Structural Performance

Building a Better Tomorrow HOW STANDARDS STRENGTHEN THE INDUSTRY



ENSURE QUALITY & SAFETY

Clear requirements lead to reliable products.



BUILD TRUST

Creates confidence among architects, builders and homeowners.



PROMOTE SUSTAINABILITY

Enables energy-efficient buildings and a greener future.



DRIVE INNOVATION

Encourages better designs, materials and manufacturing practices.



CREATE GROWTH OPPORTUNITIES

Helps Indian manufacturers compete in domestic and global markets.



Scan the QR code to download the BIS standards

Rising and Uncertain Glass Prices

A GROWING CONCERN FOR INDIA'S WINDOW AND DOOR INDUSTRY

Over the past few months, major glass manufacturers have announced multiple price increases on their products. These frequent and unexpected revisions are creating significant uncertainty for window and door manufacturers across India, making it difficult to plan, price and execute projects with confidence.

HIGHER COSTS
GREATER UNCERTAINTY

WHAT THIS MEANS FOR THE WINDOW INDUSTRY



Higher Manufacturing Costs

Glass is a major input material. Frequent price hikes directly increase overall window costs.



Difficulty in Quoting Projects

With prices changing every few weeks, it becomes challenging to provide accurate and valid quotations.



Pressure on Margins

Window manufacturers are forced to absorb increased costs or pass them on, affecting competitiveness.



Project Delays and Renegotiations

Sudden price revisions disrupt ongoing projects and often lead to renegotiations with clients.



Lack of Price Predictability

Uncertain and repeated increases make it nearly impossible to plan procurement and manage inventory efficiently.



A stable and predictable glass market is essential for a stronger and more competitive fenestration industry in India.

A CALL FOR GREATER STABILITY

The window and door industry understands the challenges faced by the glass sector. However, frequent and steep price increases create uncertainty and affect the entire fenestration value chain. Greater price stability and advance visibility of revisions will help manufacturers plan better, honour their commitments and continue to grow the market for high-quality windows and doors in India.



A resilient fenestration industry needs a balanced and predictable glass ecosystem.

Understanding the Bigger Picture

What rising and uncertain glass prices mean for the window and door industry

In recent months, the Indian glass market has seen multiple price revisions, with increases being announced at regular intervals. This trend, combined with the recent change in import policy, has created a challenging environment for downstream industries such as windows and doors, where glass is a key input material.

POLICY CONTEXT

Government Import Policy Change (18 August 2026)

The Government of India has revised the import policy for clear float glass (4–12 mm) under HS Codes 70051090 and 70052990.

Imports with CIF value below **₹34,000 per MT** are now subject to restriction, while imports at or above this value remain free.

“This policy change comes at a time when domestic glass manufacturers are announcing repeated price revisions, creating additional uncertainty for the downstream window and door industry.”

CURRENT PRICE TREND

INCREASE IN BASIC PRICES

₹2 – ₹7 per mm/sqm

Increase announced by major glass manufacturers over the past few months.



A SHARED PATH FORWARD

A more stable and predictable glass market, with better visibility of price revisions, will help the entire fenestration value chain plan better, invest with confidence and contribute to a stronger, more sustainable built environment in India.



**Stable inputs. Stronger windows.
Brighter tomorrows.**

PEOPLE | BUILDINGS | SUSTAINABLE GROWTH

*Together
for a stronger
fenestration
industry.*



GIESSE SMART CHIC: INVISIBLE AUTOMATION FOR THE NEXT GENERATION OF ALUMINIUM WINDOWS


[DETAIL >](#)

CONCEALED HARDWARE INNOVATIVE COMPONENTS (C.H.I.C.)

As contemporary architecture moves towards increasingly minimalist designs, concealed hardware has become a defining feature of premium aluminium windows and doors. The **C.H.I.C. (Concealed Hardware Innovative Components)** range was developed by Giesse, a part of Quanex, precisely to meet this demand, offering **fully concealed hinges** that disappear inside the profile while maintaining high load capacities, wide opening angles and easy adjustment. **Designed and manufactured in Italy**, C.H.I.C. hinges combine aesthetics and performance, enabling slimmer frames, larger glazed surfaces and cleaner architectural lines. They also provide the ideal foundation for Giesse's latest innovation: **SMART CHIC**.

[TECH INSIGHT >](#)

THE ACTUATOR



At the heart of the system is an **actuator** housed directly inside the aluminium profile. **Measuring just 17 x 25 mm**, it is among the most compact solutions available, integrating motor, electronics and transmission components into a single unit. This significantly simplifies installation while ensuring **seamless integration** within the window system.

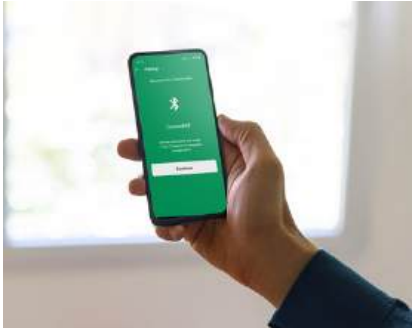
SMART CHIC has been specifically designed to work together with Giesse C.H.I.C. concealed hinges, creating a sophisticated automation solution that preserves the clean appearance of the frame.


[INSIDE >](#)

FOR TILT & TURN

GIESSE SMART CHIC is an innovative motorisation platform developed for **aluminium tilt-and-turn windows**. Designed to combine automation, integration and aesthetics, **SMART CHIC** takes **window automation** to a new level through a completely concealed and fully integrated approach.

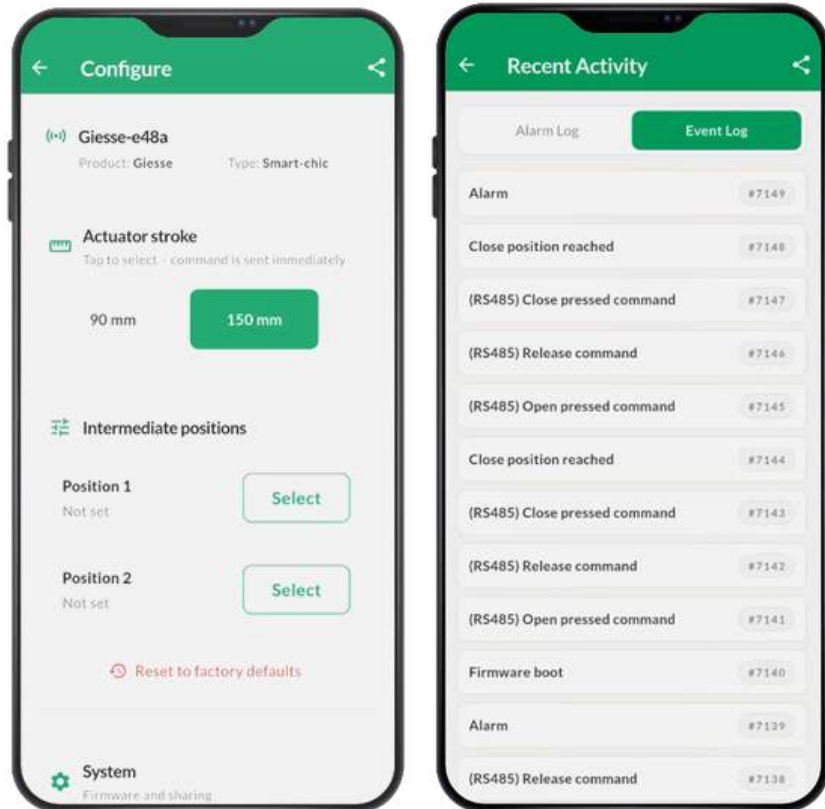
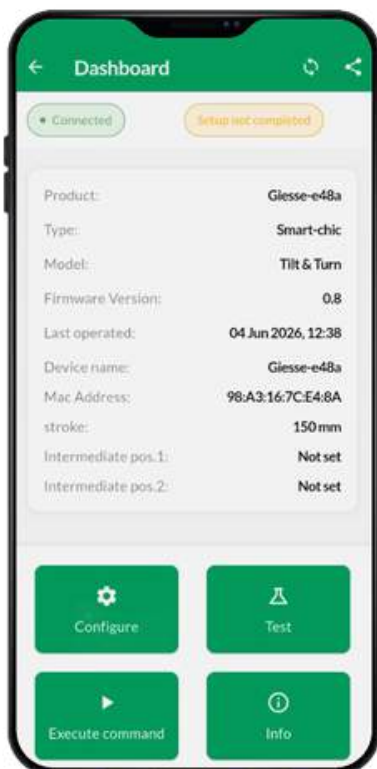




TECH FOCUS >

SMART CHIC has been engineered to provide maximum comfort and ease of use. The window can operate automatically and quietly according to user preferences or commands received from building management systems.

This makes it ideal for projects where comfort, accessibility and automation are becoming essential requirements.



INNOVATION >

SMART AUTOMATION

The platform is available in two versions: OPEN and PRO.

The OPEN version includes a wired communication interface that enables integration with widely used professional home and building automation platforms. This allows SMART CHIC to become part of advanced smart-building projects while interacting with existing automation infrastructures.

The PRO version, expected later this year, further expands installation and maintenance capabilities. Through the Smart Bridge module and the dedicated Giesse Smart App, installers are guided through configuration and commissioning procedures. The platform also enables diagnostics and updates without direct physical access to the actuator, reducing maintenance time and simplifying after-sales service.

SMART CHIC is both smart home and smart building ready. It can connect with leading automation ecosystems, allowing windows to be controlled locally or remotely. Integration with environmental sensors and security systems enables automated responses to events such as rain, alarms or other building-management scenarios.

The system also supports controlled micro-ventilation, helping optimise indoor air quality while contributing to acoustic comfort and energy efficiency. All of these features are delivered while complying with the highest safety requirements expected of automated window operation.

SMALL
COMPONENTS.
STRONGER
SPACES.



TESTED TO PERFORM: TRUTEK FASTENERS

Fasteners may be small in size, but they play a critical role in the performance, safety, and durability of every window and door. At **Trutek Fasteners Pvt. Ltd. (TFPL)**, an **ISO 9001:2015 Certified Company**, every fastener undergoes rigorous testing on multiple performance parameters to evaluate strength, corrosion resistance, load-bearing capacity, and long-term reliability.

This commitment to comprehensive testing ensures consistent product performance and reinforces the structural integrity and longevity of uPVC and aluminium windows and doors. By prioritizing quality at every stage, TFPL continues to support higher standards across the fenestration industry.



**STRENGTH
TESTED**



**CORROSION
RESISTANCE**



**LOAD-BEARING
CAPACITY**



**LONG-TERM
RELIABILITY**



*Engineered
for Enduring
Performance*



**ISO 9001:2015
CERTIFIED**



**MULTI-PARAMETER
TESTED**



**UWDMA
MEMBER**

**BUILT ON QUALITY.
TRUSTED BY THE INDUSTRY.**

BEST PRACTICES FOR FABRICATORS

SMALL DETAILS. A STRONGER TOMORROW.

1 Use certified fasteners instead of local substitutes



Risk: Local fasteners are often made from cheap plastic materials that soften under temperature & pressure changes, causing the sleeve to crack & lose grip.

Trutek advantage: Trutek nylon fasteners are precision-molded from durable polymer, ensuring strong anchoring and long-term stability.

2 Ensure correct screw selection for sash, frame, and reinforcement



Risk: Generic screws rust quickly and strip under torque, weakening the sash-frame connection.

Trutek advantage: Trutek self-drilling screws come with a three-layer passivation coating, staying rust-resistant even in harsh climates.

3 Incorporate woolpile and accessories during fabrication, not as afterthoughts



Risk: Low-density woolpile and brittle plastic accessories fail to seal properly, leading to air leaks and poor aesthetics.

Trutek advantage: Trutek woolpile is dense and UV-resistant; our plastic accessories use durable high-performance polymer for insulation and a neat finish.

PRECISION COMPONENTS FOR A BETTER BUILT WORLD

ENGINEERING A STRONGER TOMORROW.

COMPLETE FASTENING SOLUTIONS FOR uPVC & ALUMINIUM FENESTRATION

STRONGER FIXINGS. BRIGHTER SPACES.

HIGH STRENGTH

RELIABLE PERFORMANCE

WIDE APPLICATIONS

LASTING SOLUTIONS

Fixing Stronger Futures

THE UNSUNG HEROES OF uPVC WINDOWS

While profiles and glass often take centre stage, the performance of a uPVC or aluminium window depends equally on the **fastening and sealing systems** holding it together. TFPL specializes in **nylon fasteners, self-drilling screws, window screws, woolpile, and plastic accessories** — small components with a decisive role:

- **Structural integrity:** Nylon fasteners and window screws firmly anchor frames to walls, resisting pull-out forces.
- **Ease of installation:** Self-drilling screws reduce labour, speed up fabrication, and ensure consistent fixing.
- **Weather resistance:** Woolpile seals cut air leakage and improve acoustic and thermal comfort.
- **Durability:** Plastic accessories resist wear, support smooth operation, and extend service life.

“By focusing on these essentials, TFPL helps fabricators deliver windows that look good on day one and keep performing for decades.”

SMALL PARTS STRONGER SPACES

Precision Fasteners for a Stronger Tomorrow



INNOVATION ROOTED IN PRACTICAL NEEDS

Our product development is guided by the challenges faced by uPVC fabricators on site. **Corrosion-resistant screws** are engineered to withstand India's diverse climatic conditions, from coastal humidity to dry heat. **Precision-molded nylon fasteners** are tested for load-bearing capacity, ensuring safety in high-rise installations.



CASE STUDIES THAT PROVE RELIABILITY

In multiple residential and commercial projects, TFPL fasteners have shown superior pull-out strength versus generic alternatives. One large-scale housing development saw our nylon anchors deliver consistent performance across hundreds of installations, passing consultant-mandated quality checks with ease.



LOOKING AHEAD

As members of UWDMA, TFPL is committed to raising industry standards – expanding our product range, investing in R&D, and training fabricators. Our vision: to make every uPVC and aluminium window in India as a benchmark of quality, efficiency, and durability.

WHAT THIS MEANS FOR YOU

At Trutek Fasteners, we see ourselves as **partners in progress**, not just suppliers. Because when the **small parts are right**, the whole **system stands strong**.



Site Test Report

On-site performance validation under actual installation conditions.



Shear Load Test

Evaluates the fastener's ability to withstand shear forces without failure.



Pull Out Test

Measures anchoring strength and holding capacity under tensile load.



RAISING THE STANDARD

THROUGH ADVANCED FABRICATION TECHNOLOGY

THE INDUSTRY EVOLUTION

Modern aluminium fabrication is built on integrated manufacturing processes rather than standalone machines. From profile cutting and CNC machining to end milling, drilling, tapping, assembly, and quality inspection, every operation contributes to the dimensional accuracy, strength, and finish of the final product. Automated fabrication processes reduce human error, improve repeatability, and enable manufacturers to achieve higher production efficiency.

THE POWER OF AUTOMATION

As modern architecture embraces larger glass façades and high-performance aluminium systems, precision-driven fabrication has become a strategic advantage. By integrating advanced technology with standardized manufacturing processes and rigorous quality assurance, the industry continues to raise the benchmark for productivity, sustainability, and product excellence — helping shape the next generation of modern buildings.



Advanced fabrication technology is not just about making components faster - it is about making every component more accurate, consistent and dependable. When precision becomes part of the process, manufacturers can deliver better-fitting products, smoother installations, fewer reworks and greater confidence in every project.

QUALITY BEGINS WITH PRECISION

The performance of a window or door depends on the precision of every fabricated component. High-accuracy machining ensures proper hardware fitment, seamless assembly, improved structural integrity, and smooth operation. Consistent manufacturing also minimizes material wastage, optimizes production flow, and enhances overall product reliability.



BUILDING THE FUTURE

As India's construction sector embraces smarter, more sustainable building solutions, investment in advanced fabrication technology has become a strategic necessity. Precision-driven manufacturing enables fabricators to produce high-performance uPVC and aluminium windows and doors that meet the evolving expectations of architects, developers, consultants, and end users.



RENOLIT EXOFOL FX

DURABLE COLOUR DESIGN FOR WINDOW FRAMES AND BUILDING ELEMENTS

In the colour design of window frames, doors and other exterior building elements, surfaces are increasingly expected to deliver not only in terms of appearance, but also in quality. Especially in regions with extreme weather conditions such as India, they must withstand climatic stresses such as heat, UV radiation, humidity and soiling. **RENOLIT EXOFOL FX** was developed specifically for these requirements. Thanks to its multi-layer film structure with the integrated **Technology SolShield (SST)**, this high-performance film is **weather-resistant and durable**.



High-quality colour finishes for window frames and building components: RENOLIT EXOFOL FX combines design excellence with technical performance.



RENOLIT EXOFOL FX

Decorative
surface finishes
for exterior
applications



RENOLIT EXOFOL FX is a multi-layer film with a total thickness of 170 to 180 μm . Its sophisticated structure reflects RENOLIT's decades of expertise and ensures the necessary robustness and durability of the surface. The top layer consists of a PVDF film, providing excellent weather and UV resistance. Beneath this are a transparent PMMA layer and a mass-coloured PMMA base film.

Integrated into this base layer is a particular innovation advantage: RENOLIT's Technology SolShield (SST). The colour pigments in this layer have IR-reflective properties. They reflect heat-effective solar radiation and thereby reduce the heating of the film, adhesive and profile. This not only protects the surface, but also noticeably relieves the entire system. This is a decisive advantage, particularly for dark decors and in sun-intensive markets, as temperature peaks are reduced and the long-term performance of the building elements is supported.



The multi-layer structure of RENOLIT EXOFOL FX plays a key role in the film's robustness, colour fastness and durability.

The ultimate exterior film. RENOLIT EXOFOL FX.



Rely on it.

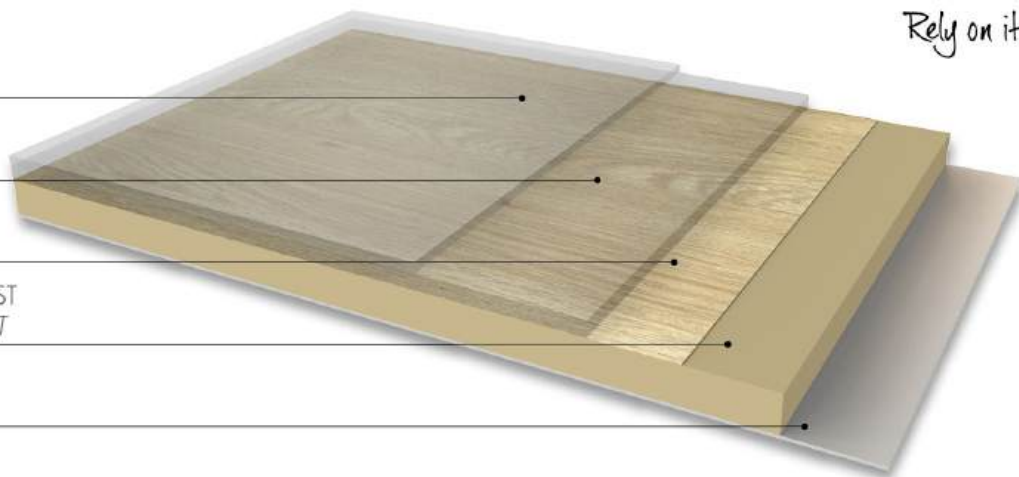
Transparente PVDF-Schicht
Transparent PVDF layer

Transparente PMMA-Folie
Transparent PMMA film

Druckfarbe
Printing ink

Eingefärbte PMMA-Basisfolie mit SST
Pigmented PMMA base film with SST

Haftvermittler
Primer



In addition to its technical performance, RENOLIT EXOFOL FX also impresses in everyday use: thanks to its low surface tension, the film is dirt-repellent and particularly easy to maintain.

The easy-to-clean effect makes cleaning significantly simpler and quicker – even graffiti can be removed with a special cleaner. This opens up additional fields of application for RENOLIT EXOFOL FX, for example in modern facade design.

RENOLIT stands for quality, reliability and continuous innovation. This commitment is also underlined by a warranty of up to 20 years worldwide. It is a strong indication of the confidence placed in the product's long-term performance.

With RENOLIT EXOFOL FX, fabricators, system suppliers and architects gain a future-oriented solution for demanding exterior applications – combining attractive appearance, intelligent technology and lasting protection.



SolShield (SST) is an innovative technology that is integrated into the base film: IR-reflective pigments reduce the build-up of heat in the film, adhesive and profile.

The Mesh Matters: Raising the Standard in Window & Door Systems

The Engineering Principles of Precision Weaving and Fire Resistance

By **Amanpreet Bhambra**, Director — Steelia Metaval LLP

PRECISION IN EVERY WEAVE
Engineered for Strength. Manufactured for Consistency.

PRECISION ENGINEERED AT EVERY STAGE
Advanced looms ensure accurate wire placement and uniform tension for consistent, high-quality woven mesh.

BUILT ON PRECISION

- UNIFORM APERTURE**
Consistent opening size for better visibility and airflow.
- CONSISTENT WEAVING**
Accurate over-under pattern for high strength and long life.
- PRECISION WIRE ALIGNMENT**
Every wire is placed with exact tension and alignment.
- SUPERIOR DIMENSIONAL STABILITY**
Strong, stable mesh that fits perfectly and stays in place.

TIGHTER WEAVE. STRONGER HOLD. SUPERIOR PERFORMANCE.

BHAMBRA WIRE MESH

- ✓ Precise & Consistent Weave
- ✓ Strong Interlocking
- ✓ High Tensile Strength
- ✓ Long-Lasting Performance

COMMON MESH (LOOSE WEAVE)

- ✗ Irregular Weave
- ✗ Weak Interlocking
- ✗ Lower Strength
- ✗ Prone to Sagging & Loosening

STRONG HOLD. PERFECT FIT.
Precision woven mesh fits snugly in the frame groove and stays firmly in place.

PERFECT FIT
Snug fit in the frame groove for a clean finish.

STRONG RETENTION
High mesh strength prevents sagging and deformation.

LONG-TERM DURABILITY
Resists rust, corrosion and wear – built for years of dependable use.

PRECISELY WOVEN. PERFECTLY SECURED.
Our precision woven stainless steel mesh provides strong, secure protection for every window system.

STEELIA METAVAL LLP
BHAMBRA
MESH MAKERS

Figure 1: Bhambra's Precision Weave standards vs. common loose-weave market alternatives.

When discussing the quality of a window or door, attention is usually given to profiles, glass, and hardware. Yet one component that quietly contributes to the overall performance of the system is the insect mesh.

It may appear to be a small element, but its quality directly influences durability, ventilation, visibility, and the overall user experience. As customer expectations continue to evolve, every component must meet higher standards of quality and reliability — and insect mesh is no exception.

Our precision-engineered weaving process is designed for ultimate hold and strength, offering a starker contrast to loose-weave alternatives. By employing state-of-the-art

weaving looms, we manufacture mesh with specific wire diameters tailored to unique needs, ranging from fine wire (0.17–0.25 mm) for standard airflow and maximum outward visibility, up to thick wire (0.40–0.50 mm) for secure structural hold.

This precision alignment yields a perfect square weave with tight interlocking and superior dimensional stability. Common meshes often rely on irregular and loose weaves, leading to weak interlocking, lower tensile strength, and immediate sagging or deformation in the frame. In contrast, our tight-lock weave maintains high tension and fits snugly in the frame groove for a clean, professional finish.

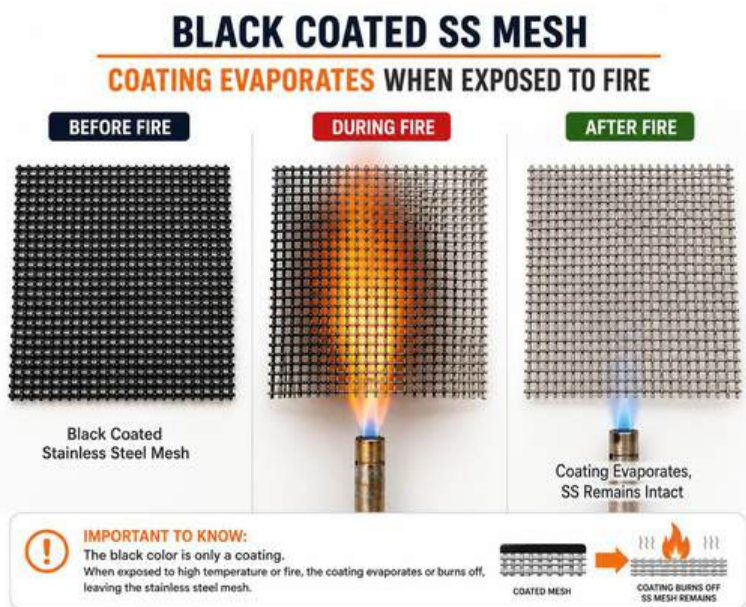


Figure 2: Thermal exposure testing showing evaporation of chemical coating on imported black mesh.

Black Coated Imports vs. Natural Stainless Steel: Performance Over Aesthetics

Over time, surface coatings can degrade, bubble, or peel, deteriorating the aesthetic and functional clarity of the system. More critically, high-temperature testing exposes severe fire vulnerabilities: when exposed to fire or extreme heat, the black surface coating completely evaporates and burns off, releasing chemical vapours and leaving the bare metal exposed.

Black insect mesh has become increasingly popular because it complements modern dark window frames and offers excellent outward visibility. Today, most black stainless steel mesh available in the Indian market is imported and derives its colour from an artificial surface coating.

At Bhambra Wire Mesh, we have chosen to manufacture natural stainless steel woven mesh. This allows our customers to benefit directly from the inherent strength, extreme fire resistance, and lifetime corrosion resistance of high-grade, uncoated stainless steel.

While the appearance is undoubtedly attractive, color should not be the only factor when choosing an insect mesh. The long-term performance of coated products depends heavily on the quality of the chemical coating and its ability to withstand weather, aggressive UV exposure, and daily operational wear.

Raising the Standard Together: Precision & Trust

The Indian window and door industry has made remarkable progress, and the expectations from every component continue to grow. Raising the standard is not about making bigger claims — it is about delivering consistent quality, dependable performance, and products that stand the test of time. By choosing precision-engineered natural stainless steel wire mesh, window system manufacturers can guarantee structural integrity, long-term durability, and unmatched user safety.

“Quality is built on the shop floor, not at the inspection table. A tight, precision-woven natural stainless steel mesh is a lifetime commitment to durability and performance.”

Raising the Standard

Elevating India's Fenestration Industry Through Integrated Excellence



Griham
Experience the Difference

RAISING THE STANDARD

THROUGH COMPLETE RESPONSIBILITY

At Griham, we go beyond products. We engineer complete window and door solutions that combine aesthetics, performance, and long-term reliability — backed by end-to-end ownership at every step.

“Quality is not created by a single component. It is achieved when every process works together as one integrated system.”

COMPLETE SOLUTIONS
Design to After-Sales Service

ADVANCED MANUFACTURING
Industry 4.0 | European Technology

INNOVATIVE PRODUCTS
Designed for Performance

CUSTOMER COMMITMENT
One Brand. One Responsibility.

**ENGINEERED FOR BEAUTIFUL HOMES.
BUILT FOR GENERATIONS.**

Architectural Harmony: Griham by Supreme uPVC windows and doors combine modern luxury, acoustic insulation, and weather durability for contemporary Indian homes.

The Indian window and door industry is witnessing unprecedented growth, driven by rapid urbanization, evolving architectural trends, increasing environmental awareness, and rising customer expectations. Today's customers seek solutions that combine aesthetics with durability, energy efficiency, safety, and long-term performance. Meeting these expectations demands more than quality products—it requires raising standards across the entire value chain.

EXCELLENCE IN MANUFACTURING

At Griham by Supreme, we believe that true excellence begins with manufacturing. Backed by the trusted legacy of Supreme Industries Limited, we have established a state-of-the-art manufacturing facility in Kanpur built on advanced European extrusion.



Precision Operations: Automated European extrusion lines with continuous digital quality tracking and zero-defect protocols.

CUTTING-EDGE INNOVATION

Innovation remains at the heart of our growth journey. **Supreme DecoShield digital printing technology** brings premium wood and designer finishes to uPVC

technology and Industry 4.0 manufacturing principles. Automated production, digital process monitoring, precision engineering, and rigorous quality assurance ensure consistency and reliability in every profile that leaves our facility.



State-of-the-Art Plant: Supreme's modern extrusion facility in Kanpur, Uttar Pradesh, engineered on Industry 4.0 principles.

INTEGRATED BUSINESS MODEL

However, raising standards extends beyond manufacturing. We have adopted an integrated end-to-end business model where every stage—from design consultation and system engineering to profile manufacturing, fabrication, installation, and after-sales service—is managed by Griham.

This single-point responsibility ensures consistency, accountability, and a superior customer experience throughout the project lifecycle. By owning every critical process, we minimize variations in execution and ensure that the quality designed into our products is delivered at the customer's site.

SYSTEM ENGINEERING FOCUS

Equally important is our commitment to system engineering. Profiles, reinforcements, gaskets, hardware, glazing, fabrication, installation, and service must function as one integrated system to deliver superior thermal insulation, acoustic comfort, weather resistance, operational reliability, and long-term durability.

As an industry, we have a collective responsibility to establish higher benchmarks through standardized manufacturing practices, certified testing, skilled installation, continuous innovation, and customer education.

while preserving its durability and low-maintenance benefits.



Supreme DecoShield: High-definition digital printing enabling versatile textures, wood grains, marble, and metallic surface finishes.

ADVANCED SYSTEM FEATURES

- **Co-extruded Gaskets:** Superior sealing against heavy monsoon rain, dust, and acoustic noise.
- **Multi-Point Locking:** Smart hardware integration for enhanced home security and ease of use.
- **Optimized Reinforcements:** Engineered steel chambers for structural integrity in high-rise wind loads.
- **Virgin uPVC Formulations:** Exceptional color stability and resistance to intense UV radiation.

"A high-performance window is not defined by a single component but by how every element works together as one integrated system."

A COLLECTIVE VISION

By strengthening collaboration among manufacturers, fabricators, architects, developers, dealers, and industry associations, we can accelerate the adoption of global best practices and build greater trust in high-performance fenestration solutions.

At Griham by Supreme, we are committed to contributing to this transformation. Raising standards is not a one-time achievement but a continuous journey to shape a stronger, more sustainable, and globally competitive future for India's window and door sector.

ABOUT GRIHAM BY SUPREME

Backed by the legacy of Supreme Industries Limited—India's leader in plastic piping and products—Griham by Supreme offers complete end-to-end uPVC window and door solutions. From precision extrusion to certified installation and dedicated after-sales support, Griham delivers unmatched reliability, aesthetics, and performance.



ENGINEERING CONFIDENCE
THROUGH QUALITY

TESTED TO LAST

DNV HARDWARE | How every hinge, handle, roller and lock earns its lifetime warranty



DURABILITY
TESTED



PRECISION
ENGINEERED



RELIABLE
PERFORMANCE



BUILT FOR A
LONGER
TOMORROW

When selecting hardware for uPVC and aluminium windows, appearance is only one part of the equation. The true measure of quality lies in how the hardware performs after years of continuous operation.

Hinges, handles, rollers, locks and friction stays are subjected to thousands of opening and closing cycles, varying weather conditions, and continuous mechanical stress. Ensuring reliable performance requires rigorous testing before the product ever reaches the customer.

“Every critical hardware component undergoes comprehensive performance evaluation — before it ever reaches the customer.”

At DNV Global, quality is validated through an advanced in-house testing laboratory, where every critical hardware component undergoes comprehensive performance evaluations. By simulating real-life operating conditions, the company ensures its products consistently deliver durability, reliability, and long-term performance.

INSIDE THIS REPORT



OPERATING CYCLE TEST

Simulating years of opening and closing — verified to 25,000 cycles.



SALT SPRAY TEST

Accelerated corrosion testing that replicates years of coastal exposure.

Inside the Testing Laboratory

TEST 01 — DURABILITY

Operating Cycle Test — Predicting Years of Performance



One of the most important evaluations carried out in the laboratory is the **Operating Cycle Test**. It repeatedly opens and closes a window or door to simulate years of real-world usage. Assuming a typical residential window is opened and closed around four times a day making 1,460 cycles in a year and 14,600 cycles in 10 years .

4

cycles / day

1,460

cycles / year

14,600

cycles / 10 years

Therefore **25,000 operating cycles** without functional failure — well beyond the expected 10-year usage — provides confidence the hardware will perform reliably throughout its intended service life, when installed and maintained correctly.

TEST 02 — CORROSION RESISTANCE

Salt Spray Test — Protection Against Corrosion



Hardware components are exposed to a controlled salt mist in a corrosion chamber for an extended period of up to **480 hours**. This accelerated method replicates years of exposure to moisture, humidity and coastal environments within a much shorter timeframe.

- Evaluates corrosion resistance of plated and coated hardware
- Verifies the effectiveness of protective surface finishes
- Helps ensure smooth operation in humid and coastal regions
- Enhances durability and reduces maintenance requirements



QUALITY BUILT ON TESTING

Beyond cycle and salt spray testing, DNV Global runs a full range of endurance and performance evaluations to validate strength, functionality and reliability — the foundation of a safe, durable, high-performing window system, backed by advanced in-house testing and stringent quality assurance.

Redefining the Future of Windows and Doors:

Building Smarter, Greener and Stronger Living Spaces

The windows and doors industry is undergoing a remarkable transformation. No longer viewed as mere architectural elements, they have become essential contributors to a building's energy efficiency, security, aesthetics, acoustic comfort, and sustainability. As customer expectations evolve and environmental consciousness grows, manufacturers must embrace innovation that delivers value beyond products.

At Encraft India, we believe that every window is an opportunity to enhance the quality of life. Our philosophy, Windows to Happiness, reflects our commitment to creating spaces that inspire comfort, performance, and lasting value.

Today's consumers seek solutions that are not only visually appealing but also engineered to perform in diverse climatic conditions. From soaring summer temperatures to heavy monsoons and urban noise pollution, modern fenestration systems must address multiple challenges simultaneously. This is where advanced engineering, precision manufacturing, and uncompromising quality become the defining factors.



AVANISH SINGH VISEN
CEO-ENCRAFT INDIA



At Encraft, we have consistently invested in cutting-edge manufacturing technologies, premium uPVC and aluminium systems, rigorous quality control processes, and product innovation to meet these evolving demands.

Every product we manufacture is designed with precision to deliver exceptional thermal insulation, superior sound reduction, enhanced security, and long-term durability while maintaining elegant aesthetics.

EMBRACING INNOVATION & DIGITAL TRANSFORMATION

Innovation, however, extends beyond product development. Digital transformation has become an integral part of our customer journey. From intelligent design consultation and precision fabrication to seamless installation and responsive after-sales support, we continue to integrate technology that improves efficiency, transparency, and customer satisfaction. This holistic approach enables us to deliver consistent excellence across every touchpoint.

A COMMITMENT TO SUSTAINABILITY

Sustainability is another cornerstone of our vision. The future of construction lies in responsible manufacturing and environmentally conscious products. Energy-efficient windows and doors play a vital role in reducing a building's carbon footprint by minimising energy consumption for heating and cooling. At Encraft, our manufacturing practices are aligned with sustainable principles, ensuring that our products contribute to greener buildings without compromising performance or design.

STRONGER TOGETHER

Our success has always been built on collaboration. Architects, builders, developers, fabricators, channel partners, and homeowners each play a vital role in shaping the future of the industry. By working closely with these stakeholders, we continue to develop solutions that respond to real-world challenges while setting new benchmarks in quality and reliability.

A GROWING MARKET, A BRIGHTER TOMORROW

The Indian market presents tremendous opportunities. Rapid urbanisation, increasing awareness of sustainable construction, and rising aspirations for premium living spaces are driving unprecedented demand for high-performance fenestration solutions. As an industry, we must move beyond price-driven decisions and focus on lifecycle value, innovation, certified quality, and customer experience.

A JOURNEY OF CONTINUOUS IMPROVEMENT

At Encraft, our journey is guided by continuous improvement. Every project completed, every customer served, and every innovation introduced strengthens our resolve to contribute meaningfully to the advancement of India's window and door industry. We remain committed to raising industry standards through engineering excellence, sustainable manufacturing, and customer-centric innovation.

BUILDING A STRONGER TOMORROW

The future belongs to organisations that embrace change with purpose. As we continue this journey, our mission remains clear—to create intelligent, sustainable, and beautifully engineered window and door solutions that enrich lives, elevate architecture, and build a stronger tomorrow for generations to come.



GEALAN:

Raising the Standard

Through System-Driven Fenestration

GERMAN ENGINEERING.
A BRIGHTER, MORE SUSTAINABLE TOMORROW.

PEOPLE
SOLUTIONS
SUSTAINABILITY
A BETTER
TOMORROW



G. A. JAGADEESH KUMAR

Chief Operating Officer
GEALAN Private Limited



India's fenestration industry is moving towards a future where windows and doors are no longer treated as basic construction components, but as essential elements influencing energy efficiency, comfort, aesthetics, safety and long-term building performance. With over a century of heritage and more than five decades of uPVC profile extrusion expertise, GEALAN brings a strong German engineering legacy to this evolving market.

At the core of GEALAN's philosophy is a clear belief: a high-performance window is more than a profile—it is a complete engineered system.

GEALAN integrates profiles, reinforcement, gaskets, hardware compatibility, sealing technology, surface finishes and fabrication support to create coordinated solutions. For manufacturers, this approach enables greater dimensional accuracy, easier fabrication, reduced wastage and rework, improved compatibility and consistent quality across projects.

Engineered for India

India's demanding climate—with intense UV exposure, high temperatures, heavy monsoons and coastal humidity—requires fenestration systems built for long-term performance. GEALAN combines proven European technology with solutions suited to Indian applications, focusing on UV and heat resistance, weather and water tightness, structural stability, thermal insulation and acoustic comfort.

Its portfolio addresses diverse architectural requirements. GEALAN-SUPRA is positioned for premium architecture and large openings, while PRIMA offers a balance between performance and commercial practicality. ALTA responds to contemporary architectural preferences for refined aesthetics and larger glass areas, while SELECTA focuses on dependable functionality, durability and scalability.

Sustainability as a Performance Standard

GEALAN views sustainability through a lifecycle lens. Its lead-free formulations, fire-retardant characteristics, thermal insulation, durability and recyclability contribute to a more responsible approach to fenestration. Long-lasting systems can also reduce maintenance and replacement cycles while supporting improved energy efficiency and occupant comfort.



Building Partners, Not Just Customers

GEALAN's role also extends beyond manufacturing. The company supports fabricators and window manufacturers through fabrication training, project optimisation, wind-load and structural analysis, machine and tooling guidance, hardware integration, installation methodology and quality-control practices. Architects and developers receive support in system selection, large-opening feasibility, reinforcement planning and thermal and acoustic optimisation.

Looking ahead, GEALAN sees India moving from a predominantly price-driven market towards one shaped by performance, design and sustainability. Its ambition is therefore not simply to expand profile sales, but to contribute to higher technical standards, better fabrication practices and a more professionalised fenestration ecosystem.



In an industry where the lowest initial price can ultimately become the highest lifecycle cost, GEALAN's message is clear: quality is not a luxury—it is an investment in the building's performance, reputation and future.

GEALAN is raising the standard by shifting the conversation—from profiles to performance, from products to systems, and from short-term supply to long-term value.

RAISING THE STANDARD

FOR HEALTHIER, SAFER
AND SMARTER LIVING



HEALTHIER
HOMES



SAFER
SPACES



FRESHER
AIR



SMARTER
LIVING



INSECT SCREENS | SOLAR SCREENS |
SPECIALTY MESH | A HEALTHIER TOMORROW

*Let
Nature In
Keep Insects Out*

INNOVATION DESIGNED AROUND MODERN LIVING

As homes and residential developments evolve, the demand for solutions that combine comfort, health, safety, ventilation and aesthetics is growing. Phifer India is responding to these changing needs with advanced screening solutions that bring together global expertise, innovative materials and application-focused design.

Established in India in 2008 as a wholly owned subsidiary of Phifer Incorporated, USA, Phifer India carries forward a legacy of innovation dating back to 1952. Today, Phifer is among the world's largest manufacturers of insect screening and woven mesh products, serving customers across more than 120 countries.

FROM SCREENING TO SMARTER LIVING

Modern screening is no longer simply about keeping insects outside. It is about creating living spaces that remain connected to the outdoors while offering greater comfort and protection.

Phifer offers a comprehensive range of screens manufactured from stainless steel, aluminium, fiberglass, bronze and polyester.

PROTECT
WHAT
MATTERS.
BREATHE
WHAT
FEELS GOOD.



Specialized coatings are engineered to provide specific performance benefits, allowing the solutions to meet diverse application and environmental requirements.

Phifer's advanced mosquito screening systems provide reliable insect protection while maintaining airflow, natural daylight and clear outward visibility. Customized solutions for windows, doors, patios and balconies enable homeowners and developers to make better use of their spaces without compromising aesthetics.

PERFORMANCE THAT MAKES A DIFFERENCE

Phifer's focus on quality is supported by internationally recognized technologies and certifications. Select products feature GREENGUARD® Gold certification for low chemical emissions and Microban® antimicrobial protection, which helps protect against bacteria, mold and mildew. Lead-free construction and designs that support natural ventilation and daylight further contribute to healthier and more comfortable indoor environments.



TURNING UNDERUTILIZED SPACES INTO LIVABLE SPACES

A premium residential development in South India presented a common challenge: mosquito intrusion, limited ventilation and balconies that were not being fully utilized. Phifer addressed these concerns through customized insect screening solutions across various door, window and balcony applications.

The result was a more comfortable living environment with improved airflow, greater usability of balconies and reduced mosquito intrusion. Residents could enjoy open windows and a better connection with the outdoors while reducing their dependence on air conditioning.

TURNING UNDERUTILIZED SPACES INTO LIVABLE SPACES

From advanced materials and specialized coatings to antimicrobial protection and solutions designed for modern residential applications, Phifer continues to advance the role of screening in contemporary living.

For Phifer, innovation is not simply about developing better screens. It is about creating solutions that help buildings become healthier, more comfortable and better connected to the outdoors—raising the standard of everyday living through quality, performance and continuous innovation.



Raising the Standard

in Aluminium & uPVC Doors and Windows

with Integrated Automation, Engineering and End-to-End Solutions

As architectural design becomes more performance-driven, doors and windows are evolving from conventional building elements into engineered systems that influence comfort, aesthetics, energy efficiency, security and the overall performance of a building.

Architects, developers and homeowners today expect fenestration solutions that can respond to larger openings, changing design requirements, demanding weather conditions and the need for greater ease of operation. Addressing these expectations requires more than an extensive product range. It requires the right combination of engineering, manufacturing precision, system integration and project support.

Windowz by Ozone has developed a comprehensive portfolio of Aluminium and uPVC Doors and Windows designed for residential, commercial and institutional applications. The range includes Casement, Sliding, Tilt & Turn and Louvre Windows, along with Casement, Sliding, Lift & Slide and Slide & Fold Doors, enabling architects and project teams to select solutions suited to different architectural, functional and performance requirements.

Bringing Automation into Modern Fenestration

As buildings become smarter and user expectations evolve, convenience is increasingly becoming an important part of fenestration design.

Windowz by Ozone integrates automation into its range of products like Tilt & Turn Windows, Casement Windows, Sliding Doors and Lift & Slide Doors, enabling smooth and effortless operation while enhancing user convenience.

The integration of automation is particularly relevant for large-format openings, premium residences and contemporary architectural projects where accessibility, ease of operation and intelligent functionality are becoming increasingly important.

By combining engineered systems with automation-ready solutions, Windowz by Ozone is helping extend the role of doors and windows beyond conventional functionality towards a more responsive and user-friendly building experience.

Engineered for Performance

Behind every well-performing door or window is a combination of profile design, hardware, sealing, glass selection, fabrication accuracy and installation.

Windowz by Ozone approaches fenestration as a complete engineered system, with each component designed to work together to deliver consistent performance.

Depending on the system and project requirement, the portfolio is engineered to address critical parameters such as structural stability, smooth operation, weather resistance, acoustic comfort, thermal performance, durability and long-term reliability.

This system-led approach also provides architects, interior designers, developers and homeowners with greater flexibility to respond to varied opening sizes, architectural styles and performance requirements while maintaining design consistency across projects.



STRUCTURAL
STABILITY



SMOOTH
OPERATION



WEATHER
RESISTANCE



ACOUSTIC
COMFORT



THERMAL
PERFORMANCE



DURABILITY



LONG-TERM
RELIABILITY

Precision Manufacturing at Ghiloth

Windowz by Ozone portfolio is supported by its advanced manufacturing facility at Ghiloth, Rajasthan, where technology-led processes and precision engineering contribute to consistent product quality.

The facility integrates modern manufacturing technologies, CNC-enabled machining and systematic quality-control processes to support accurate production and repeatable performance across door and window systems.

Manufacturing capability plays a critical role in fenestration, where even small variations in machining, assembly or system integration can influence long-term product performance. By bringing key processes within a structured manufacturing environment, Ozone is able to maintain greater control over quality, precision and consistency.





Commenting on the company's approach,
Mr. Y. P. Singh, Director – Doors & Windows, Ozone, said:

“

The future of fenestration will be driven by solutions that bring together design freedom, engineering performance, intelligent functionality and dependable execution. At Windowz by Ozone, our focus is on strengthening every part of this journey — from product engineering and precision manufacturing to automation, glass integration, installation and after-sales support. Our objective is to make it easier for architects, developers and partners to realise their design vision through reliable, end-to-end fenestration solutions.

”

Sustainable Manufacturing

Sustainable manufacturing is also an important part of the Organization's philosophy, supported by initiatives including Zero Liquid Discharge and the use of solar energy.



**ZERO LIQUID
DISCHARGE**



**SOLAR
ENERGY**



A More Comfortable, Efficient and Future-Ready Built Environment

As expectations from modern buildings continue to rise, the doors and windows industry has an increasingly important role to play in creating spaces that are comfortable, efficient, functional and future-ready.

By combining engineering excellence, automation-enabled functionality, precision manufacturing and end-to-end project support, Windowz by Ozone continues to strengthen its proposition as a comprehensive fenestration solutions partner — helping translate architectural intent into solutions designed to perform better, operate smarter and deliver lasting value.



Raising the Standard Through Global Collaboration

Why international exposure matters for the future of India's fenestration industry

By Anthem Travel Pvt. Ltd.



The Indian delegation representing Anthem Travel Pvt. Ltd. at a recent international fenestration trade fair.

India's fenestration industry is entering a defining phase. **Rapid urbanization, sustainable construction, smart buildings, and rising customer expectations** are driving the need for **better products, advanced manufacturing, and globally benchmarked quality.**

Today, **raising industry standards** requires more than adopting new machinery—it demands **continuous learning, exposure to emerging technologies, and meaningful collaboration with global leaders.**

International trade exhibitions play a vital role by bringing together manufacturers, architects, fabricators, developers, consultants, and technology providers to exchange ideas, discover innovations, and build long-term business partnerships. These interactions strengthen **product quality, manufacturing efficiency, sustainability, and global competitiveness.**

For nearly two decades, **Anthem Travel Pvt. Ltd.** has been facilitating professionally managed Indian business delegations to leading international trade fairs, enabling delegates to focus on **learning, networking, technology sourcing, and business growth.**

The future of Indian fenestration will be shaped by organizations that invest in **innovation, knowledge, and international collaboration.** Every new technology adopted, partnership established, and global best practice implemented contributes to a **stronger, smarter, and more globally competitive industry.**

Fenestration BAU China 2026

The 18th China International Door, Window & Curtain Wall Expo

One of the most significant opportunities this year is Fenestration BAU China 2026 – the 18th China International Door, Window & Curtain Wall Expo, taking place from 28–30 October 2026 at the China International Exhibition Center (Shunyi Hall), Beijing, China. Recognized as Asia-Pacific's leading trade fair for windows, doors, façades and building envelope technologies, the exhibition will feature 750+ exhibitors, 110,000+ professional visitors from 87+ countries & regions, 10,000+ innovative products, across 115,000 sq. m. of exhibition space. It offers Indian professionals an exceptional platform to experience global innovations, evaluate advanced manufacturing solutions, understand future market trends, and build strategic international partnerships.

AT A GLANCE

750+

EXHIBITORS

110,000+

TRADE VISITORS

87+

COUNTRIES & REGIONS

115,000 sqm

EXHIBITION SPACE

28–30 OCT 2026

BEIJING, CHINA



*As UWDMA's theme rightly emphasizes, 'Raising the Standard' is not a one-time achievement — it is a **continuous commitment to excellence**. Together, by embracing innovation and strengthening global connections, we can help position **Indian fenestration among the world's finest**.*

JOIN THE INDIAN DELEGATION

India's trusted partner for international trade fair delegations

Jitendra Sharma +91 95605 01343

bookings@anthemtravels.com · www.anthemtravels.com

THE INDUSTRY MOVES. WFM Media KEEPS YOU AHEAD.

The fenestration industry is changing fast — new technologies, evolving products, sharper standards.

For over a decade, WFM Media has brought the doors, windows and façade industry the information that matters — news, trends, products, projects and expert insights, all in one place.



WFM — Your Fenestration Handbook



NEWS

What's happening across the industry.



TRENDS

What's changing — and what's coming next.



PRODUCTS & TECHNOLOGY

The innovations transforming fenestration.



PROJECTS

Ideas and applications from the real world.



EXPERT INSIGHTS

Perspectives from the people driving the industry forward.

Explore it all through WFM Magazine, Podcast, Dialog, Case Studies and Talks — conversations, knowledge and stories worth knowing

**YOUR INDUSTRY.
YOUR SOURCE OF INFORMATION.**



Visit wfmmedia.com

Read. Watch. Listen. Stay updated.



SCAN ME

BAIC Expo 2026: Shaping the Future of the Built Environment in Northeast India

The Northeast's Platform for Building Innovation

The 3rd Edition of BAIC Expo 2026 – Building Architecture, Interiors & Construction Expo is set to take place from 26th to 29th November 2026 at the AEI Ground, Chandmari, Guwahati, bringing together the brightest minds, leading brands, government bodies, industry professionals, and innovators under one roof.



Over four exciting days, visitors will experience a comprehensive showcase of cutting-edge products, advanced construction technologies, smart building solutions, sustainable materials, and future-ready infrastructure solutions. Leading national and international brands will present their latest offerings, giving attendees the chance to explore new products, discover emerging trends, and engage directly with industry experts.

BAIC Expo has emerged as one of Northeast India's most influential platforms dedicated to the architecture, interiors, construction, infrastructure, and building materials industry.

More than an exhibition, BAIC is a dynamic ecosystem where ideas are exchanged, partnerships are forged, and innovations are showcased — connecting manufacturers, architects, interior designers, engineers, builders, contractors, developers, consultants, policymakers, students, and investors.

BAIC Expo 2026 will also feature conferences, knowledge sessions, panel discussions, and networking forums led by architects, planners, engineers, and industry leaders — focused on sustainable architecture, smart cities, green construction, and the future of the built environment in Northeast India.

Building Momentum: Pavilions, Partnerships & the Path Ahead



Inside the exhibition floor at BAIC Expo — where brands, builders, and innovators meet.

Three Pavilions, One Vision

A special emphasis this year is placed on innovation and regional growth through three dedicated initiatives: the Green Pavilion, showcasing sustainable materials and eco-friendly technologies; the Make in Assam Pavilion, highlighting local manufacturing and entrepreneurship; and the North East Heritage Pavilion, celebrating the region's architectural traditions alongside modern design.

It offers a unique platform for businesses to expand their market presence, build lasting relationships, and contribute to the region's rapidly growing infrastructure sector.

A Landmark for the Region

As Northeast India continues its remarkable journey of urbanization and economic development, BAIC Expo 2026 stands as a symbol of collaboration, innovation, and excellence — inviting architects, designers, engineers, builders, developers, manufacturers, institutions, and decision-makers to help shape the future of the built environment.

The expo also creates business opportunities through buyer-seller meetings, strategic collaborations, product launches, live demonstrations, and interactions with government agencies.

”

Join us from 26th to 29th November 2026 at AEI Ground, Chandmari, Guwahati, and experience the future of Building, Architecture, Interiors & Construction — where ideas inspire, businesses grow, and innovation builds tomorrow.



WHERE
IDEAS OPEN
NEW
POSSIBILITIES

Shaping the Future of Fenestration

PEOPLE | PRODUCTS | POSSIBILITIES

Following the success of our recent edition in Mumbai, we are delighted to turn the spotlight to the national capital. The ZAK Doors & Windows Expo will be held from 10th to 12th December 2026 at the state-of-the-art Yashobhoomi, Dwarka, Delhi.

This expo stands as a must-attend platform for industry professionals seeking inspiration, networking opportunities, and access to cutting-edge products. Attendees—including architects, interior designers, builders, and engineers.

10-11-12
DECEMBER 2026

YASHOBHOOMI
DWARKA, NEW DELHI

BIGGER
BOLDER
MORE
OPPORTUNITIES



Exhibition Stalls

With leading manufacturers and suppliers showcasing a diverse range of doors, windows, façades, hardware, and security solutions.



Live Demonstrations

Hands-on presentations of innovative products, allowing you to experience their functionality and durability first-hand.



Networking Opportunities

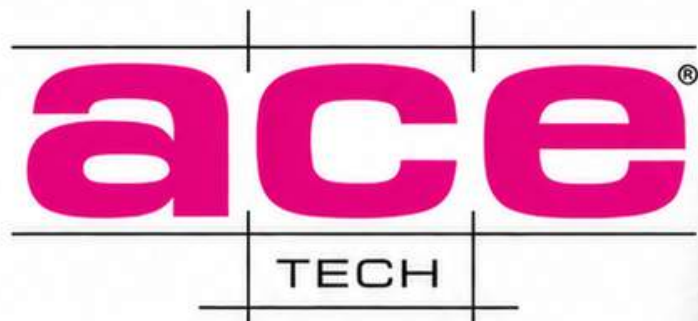
And potential collaborations to exchange ideas and explore new business avenues.



REGISTRATIONS OPEN
<http://zak.sg/expofb>

Scan to register





ARCHITECTURE | CONSTRUCTION | ENGINEERING
MATERIALS & TECHNOLOGY

INDIA'S LARGEST BUILT ENVIRONMENT EXHIBITION

Explore innovations. Build connections.
Shape a better tomorrow.

ACETECH brings together architects, interior designers, developers, contractors, manufacturers and brands to showcase the latest products, materials, technologies and solutions for the built environment.

IDEAS
MATERIALS
PEOPLE
POSSIBILITIES

A STRONGER
BUILT ENVIRONMENT
FOR A BRIGHTER
TOMORROW

Build
Connect
Innovate



MEET

Industry leaders
and decision makers



DISCOVER

New products
and technologies



NETWORK

Build valuable
business connections



GROW

Explore opportunities
for your business

ACETECH 2026-27 SERIES

BENGALURU



OCTOBER
9 – 11, 2026



Bangalore
International
Exhibition Centre (BIEC)



10:00 AM – 7:00 PM

MUMBAI



NOVEMBER
19 – 22, 2026



Bombay Exhibition
Centre (BEC),
NESCO, Goregaon East



10:00 AM – 7:00 PM

NEW DELHI



DECEMBER
17 – 20, 2026



Bharat Mandapam
(Pragati Maidan)



10:00 AM – 7:00 PM

HYDERABAD (EARLY 2027 SERIES)



JANUARY
22 – 24, 2027



Hitex Exhibition
Center



10:00 AM – 7:00 PM



PEOPLE | PLACES | PROGRESS

BE A PART OF INDIA'S
PREMIER PLATFORM FOR
THE BUILT ENVIRONMENT.

DESIGN
BUILD
CONNECT
SUSTAIN

UWDMA AGM 2026

IDEAS TODAY. A STRONGER TOMORROW.



3rd June 2026



01:00 PM onwards



Radisson Blu Plaza
Delhi Airport, New Delhi



UWDMA

UPVC Window and Door Manufacturers Association

SINCE 2008

The UWDMA Annual General Meeting 2026 brought together industry leaders, members and partners for a day of meaningful discussions, shared insights and a renewed commitment to strengthening the window and door industry in India. The AGM reflected the true spirit of UWDMA – collaboration, knowledge sharing and a collective vision for a sustainable and quality-driven future.



“

“When the industry comes together with a common purpose, incredible things happen.”

UWDMA



KEY TAKEAWAYS FROM THE AGM



A STRONGER TEAM

Recruitment of a Sales & Marketing professional and a Production Trainer to expand outreach and on-site training.



REGIONAL CHAPTERS

Establishment of regional chapters to increase member engagement and local outreach.



ARCHITECT & BUILDER DRIVE

Focused engagement with architects, builders and CREDAI, led by Mr. Saket Jain (Fenesta) with support from key members.



CSR SUPPORT

Member companies agreed to explore allocation of their CSR funds for UWDMA's training, skill development and industry advancement initiatives.



TECHNICAL TEAM EXPANSION

Mr. Lalit (APL Apollo) and Mr. Rahul Mehra (Fenesta) to join the UWDMA Technical Team.

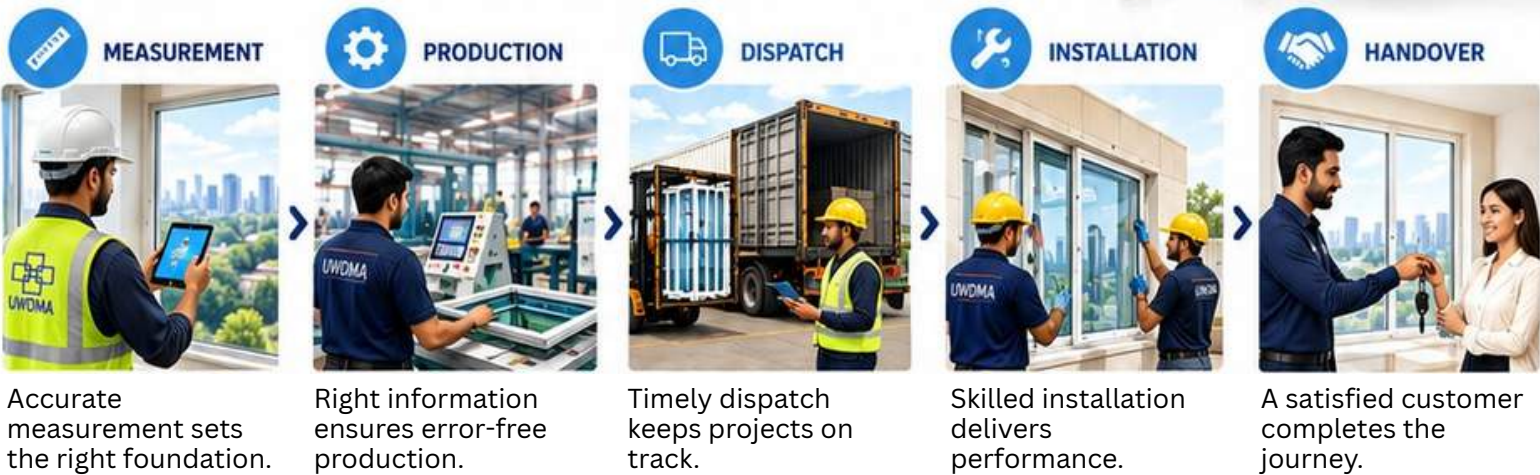


STRONGER INDUSTRY PRESENCE

Greater focus on architects, builders, government bodies and regulatory authorities to promote quality, standards and awareness.

From Measurement to Installation: Building Smarter Project Workflows

A successful window & door project requires accurate information, timely coordination and effective project management at every stage—from final measurement to production, dispatch, installation and handover.



UWDMA-PANFISH Online Workshop 5 June 2026

5 June 2026, 59 industry professionals joined the session to explore how technology can help businesses deliver projects more efficiently. The workshop focused on how a connected, system-driven approach can reduce errors, improve coordination and bring greater visibility across the project lifecycle.



Key Takeaways

-  Connected workflows for greater visibility
-  Reduce errors and rework
-  Better coordination across teams
-  Timely execution and higher customer satisfaction



uPVC Window and Door Manufacturers Association

SINCE 2008

PEOPLE | KNOWLEDGE | A STRONGER INDUSTRY

2-DAY ONLINE WORKSHOP ON **WINDOW & DOOR SALES**

LEARN | DISCUSS | GROW TOGETHER

Sales Skills for a Brighter Tomorrow

MORE
LEARNING
STRONGER
INDUSTRY



“The sale takes place with words, but the buying takes place in silence.”



16th & 17th
July 2026



04:00 PM –
05:00 PM



20
Participants

WORKSHOP HIGHLIGHTS



Effective Communication

Learn how to communicate value and understand customer needs.



Industry Perspectives

Exchange ideas and real-world experiences with fellow professionals.



Practical Approaches

Explore strategies to handle objections and close sales confidently.



Business Growth

Strengthen customer relationships and create new opportunities.

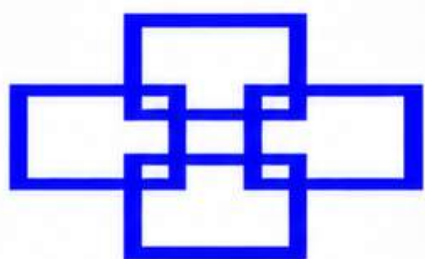


A PLATFORM FOR PROGRESS

The 2-day online workshop brought together industry professionals for focused learning and knowledge sharing. It provided a valuable platform to discuss the importance of sales in the fenestration industry and explore ways to strengthen customer engagement and business growth.

PEOPLE
SKILLS
STANDARDS
OPPORTUNITIES

*Stronger
Together*



UWDMA

uPVC Window and Door Manufacturers Association

SINCE 2008

Be a part of the dynamic
**WINDOW AND DOOR
INDUSTRY ASSOCIATION.**

Be a Member.



NETWORKING

Connect with
industry leaders
across India



SKILLING

Building a
skilled
workforce for a
stronger
industry



BIS STANDARDS

Promoting
quality,
compliance and
a higher
standard



**BUSINESS
OPPORTUNITIES**

Collaborate and
grow together



**KNOWLEDGE
& UPDATES**

Stay informed
on industry
trends and
innovations



**A STRONGER
INDUSTRY**

Together for a
sustainable
future

CONNECT TO US



Ravindra Pal

+91 82338 40714



connect@uwdmaindia.org



www.uwdmaindia.org

*Let's
Strengthen
the Industry
Together*