



Keep the Outside Outside Forever



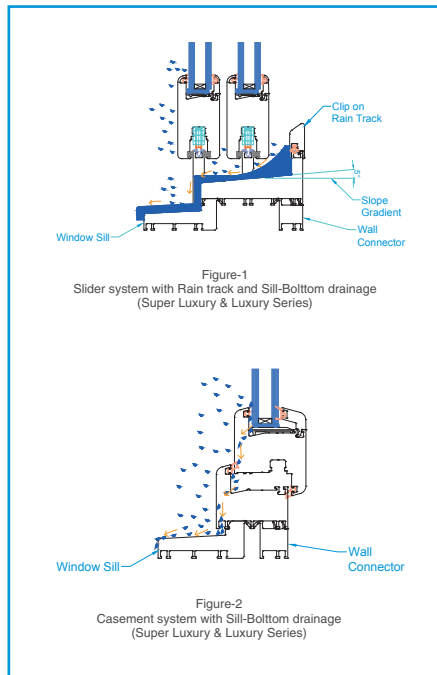
Well-made, well-specified and carefully designed to enhance the value of your home, Fenesta windows and doors improve the façade and indoor aesthetics, and elements of architectural style that alter the character of bedrooms, the living room, the dining room, the study and even the kitchen and bathrooms. They are stylish, elegant looking, smooth to touch and effortless to operate. Moreover, they insulate homes from noise, rain, dust and pollution, transforming your abode into a peaceful retreat.

With these wide-ranging skills, India's leading Windows and Doors Brand Fenesta, produces The World's Finest Windows and Doors for The World's Finest Homes.

Window Innovations

The brand Fenesta is built around you. Built on a heritage of quality and innovation, we are continuously leading the industry with product design and function. Each product is made to order, one at a time to meet your exact specifications. With our customisation capabilities, exclusive innovations, high performance and energy efficient options and our unmatched personal service at every point in the process, you will be able to find beautiful windows and doors for your dream project.

Some of our major innovations are as:



Innovation # 1

The Rain Track – Barrier against Extreme Monsoon

Conventional 'face drainage' mechanism

In coastal areas, 'monsoon precipitation rates' are extremely high. Worse, the monsoon storms arrive on the back of high velocity winds. The combined force of the wind and the rain annihilates conventional windows. The force is magnified in high-rise buildings, where rain spears in at a sharp 45° angle, accompanied by a gale storm.

Conventional solutions don't work

The 'face drainage' mechanism in conventional uPVC windows is inadequate for heavy monsoon areas as the force of the wind pushes the rainwater indoors (see illustration).

Fenesta has engineered three innovations to keep the rain out

- **Rain track:** An elevated section clipped on the inside track of the window functions like a dam. It captures rainwater and drains it out
- **Sill arrangement:** This special system prevents air pressure from pushing the rainwater indoors. Instead, the rainwater flows down vertically, at some distance from the outer wall
- **Gradient slope:** A track at a downward slope ensures accumulated rainwater flows out

Innovation # 2

The Hurricane Bar - Barrier against Strong Winds

Wind speeds in India are much higher than those of other parts of the world (see map). Along the coast, in the east and the west, wind speeds touch 200 kmph, the equivalent of 2000 Pascal wind loads.

In these conditions, conventional windows rattle and whistle.

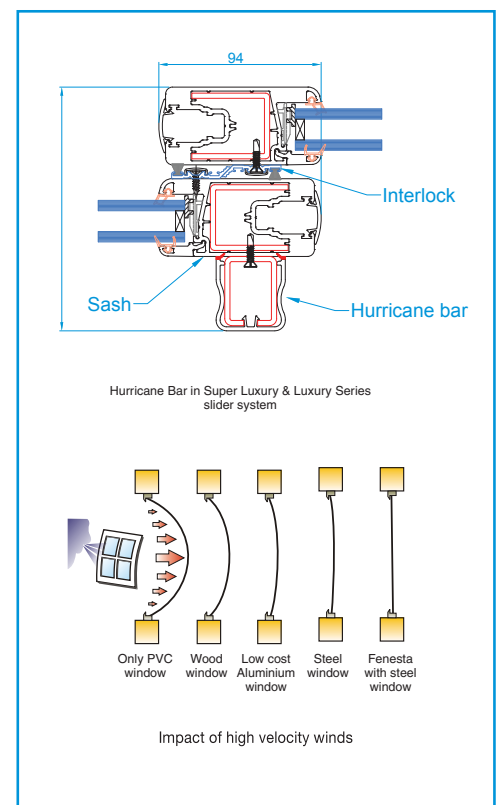
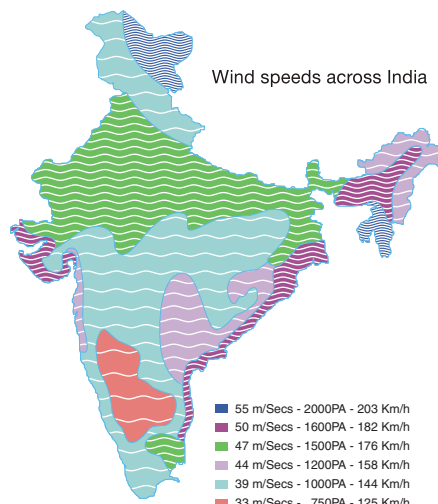
It gets worse in high-rise buildings. What appears to be a mild breeze on the ground floor becomes a gale force in the upper reaches of a tall building. Only Fenesta windows can cope; conventional ones cannot.

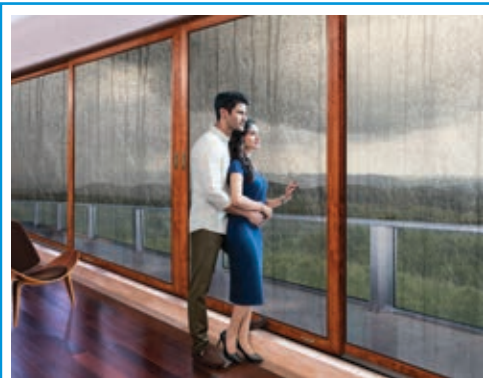
Fenesta engineers an air tight solution

Fenesta Super Luxury & Luxury Series have broad sections reinforced with steel and further strengthened with a special Hurricane Bar.

The Hurricane Bar doubles up as a handle.

Multiple seals stop air ingress. No more whistling and rattling sounds even at 3000 Pascal wind loads.





Fenesta slider door and combination of fixed and slider door in Walnut finish



Global Radiation in kJ/year
Global radiation: Note the intensity in India
Data provided by the Surface Radiation Budget Project at NASA Langley Research Center.

Innovation # 3

The Tropical Formulation Barrier against Indian Weather

India happens to be situated in one of the highest UV receiving regions of the world. Solar radiation is far higher in India than other parts of the world.

India also experiences climatic extremes. In summers, temperatures soar as high as 50°C in the northern parts of Gangetic Plains, Rajasthan and Gujarat. In winters, temperatures in the hills often fall below freezing point.

To withstand the severity of these conditions, Fenesta has created a special uPVC blend, a unique tropical formulation that stands up to extreme radiation year after year.

The Fenesta uPVC blend has won BSI approval under extreme weather conditions simulated for 6000 hours. For Europe, a similar test is carried out for only 4000 hours.

Special additives: The Fenesta uPVC innovation for India

- **Titanium Dioxide:** High dosage of TiO₂ results in ongoing colour stability in the face of intense ultraviolet rays. Fenesta takes a color fading guarantee ($\Delta E < 5$), not perceptible to the naked eye
- **Impact modifiers:** These impart additional strength to window profiles, giving them the necessary muscle to carry huge loads

Innovation # 4

The Fenesta Customization Made only for You

Fenesta window systems are modular in nature like a Lego set. Combinations of different components make possible countless designs, shapes and sizes, from the modern to the traditional.

Seamless combinations of sliders and casements

This special feature integrates fixed and sliding windows in a single plane without any thick sight lines.

Large sizes

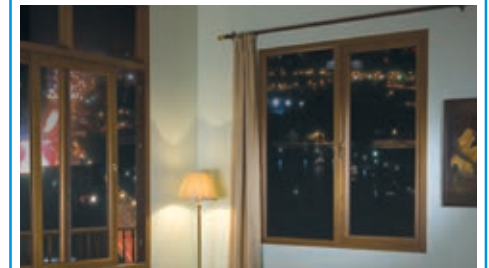
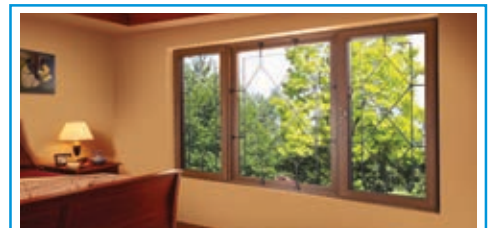
Modern homes have fewer walls and more windows. Fenesta frames can be made to stretch from the floor to the ceiling and span balconies, adding a sense of space to living areas. The strength of a window is determined more by the size of the reinforcement and less by the thickness of the profile. The Fenesta Villa Window too presents a rare combination of style, substance, sealing and security in sizes that span walls.

Design freedom

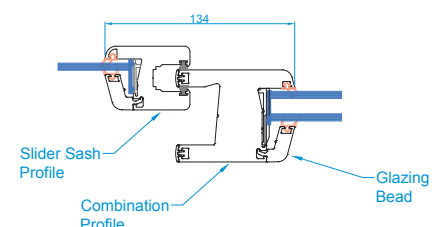
Extend your design palette, from casements and sliders to combinations of fixed, sliders and casements, tilt & turn windows, bay windows and even corner windows with glass-to-glass joints.

Colour options

- Make your selection from a range of rich wood finish colours (Light Oak, Walnut, Mahogany and Dark Oak) apart from Pristine White, Silver Brush, Flemish Gold and Black.



Cross section of seamless combination of slider and casement window



Standard Fenesta colours



Pristine White



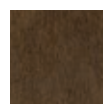
Silver Brush



Flemish Gold



Light Oak



Walnut



Mahogany



Dark Oak



Black

Innovation # 5

Energy Efficient – The Green Windows

“An energy saving window can save nearly 30% energy”, says Prof. N.K. Bansal, Center of Energy Studies, IIT Delhi.

In his expert view “an energy saving window consists of (i) a heat insulating framing material, (ii) double-glazing and (iii) proper sealing between wall and window as well as between the opening and fixed framing of the windows.” Fenesta is modeled on these precise lines.

Fenesta: The anatomy of a green window

- **Heat insulating uPVC frame:** uPVC is a poor conductor of heat unlike windows made of steel and non-thermal break aluminium that have a higher U-value
- **Better sealing:** Fenesta windows are fusion welded and can be equipped with a multiple-point locking system for excellent sealing
- **Sealing between wall and window:** Fenesta uses silicone sealants to seal all gaps between the walls and windows for better insulation
- **Glazing:** Double glass (or even triple glass in some cases) further improves insulation

Environment friendly

- uPVC has a lower environmental impact in its production

Material	m ³ of air/Kgs	dm ³ water/Kgs
PVC	700	3000
Steel	3400	4600
Low Cost Aluminium	9320	27700

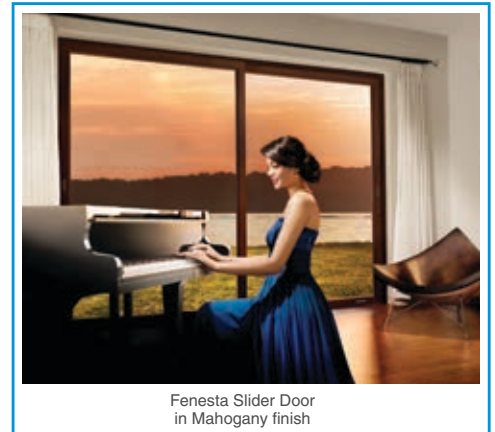
Source: Environmentally friendly packaging in the future. Stichting Milieudefensie (NI), 1991

Material	Energy use
PVC	53
Steel	30
Low Cost Aluminium	200

Note: Low Cost Aluminium is extruded cold which is more energy intensive. Source: Environmentally friendly packaging in the future. Stichting Milieudefensie (NI), 1991

Material	U-value (Watt/m ² °K)
Timber	2.66
Non-Thermal break Aluminium	4.92
PVC	2.60

Comparison of thermal properties of various window framing materials



Fenesta Slider Door in Mahogany finish

- uPVC reuse is the norm
- Fenesta uPVC blend (strengthened with special additives) does not require any painting, eliminating the consumption of paints that can emit harmful chemicals
- Long life: The life of a Fenesta uPVC window is equivalent to the life of a building

Green Building Certification

Fenesta windows can contribute to both LEED and GRIHA credit points.

Innovation # 6

The Villa Window

Fenesta technology has made the traditional Indian window the best it can ever be. The Villa Window is the world’s first twin-sash uPVC casement window system that integrates an insect mesh and a security grill with airtight protection against noise, rain and rising energy costs.

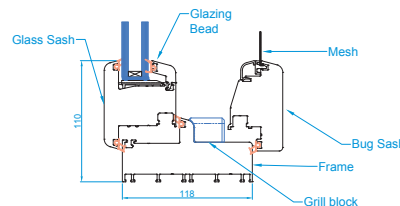
Integrated grill

The security grill is an absolute necessity in homes across India. In traditional windows, the grill is screwed to the masonry whereas in the Villa Window, it is integrated with clamps making homes much safer.

Protection from insects and mosquitoes

In India, protection against mosquitoes is a universal window requirement. An insect mesh in the inner sash of the Villa Window system blocks the entry of mosquitoes and insects when you open the window for ventilation.

This is the first uPVC casement window in the world to accommodate a grill in the same frame as a mesh.



Cross Section of Villa Window with integrated mesh and grill.



Fenesta Villa Window with security grill and bug mesh in Walnut finish

2 Million+
Installations
Because experience counts

Experience of 2.5 Million Plus Installation

10 YEAR
Fenesta
WARRANTY

10 Year Warranty

365 Days
Customer Support

International Designs

Professional Installation

24X7 Live Chat on WhatsApp

Not Just a Brand, But A Superbrand

World Class Infrastructure

Mobile Studio



Stage I:

Your requirements identified: Should the windows tackle noise in your neighborhood/project? Or dust? Or rain? Or wind? Or lack of sunlight?

Stage II:

The best possible customised solutions found: Fenesta experts recommend the most effective long-term solutions, windows that work best in your project for all time to come.

Stage III:

Survey followed by fabrication: The process involves precise measurements of each aperture. Technical drawings are then sent to the production team for fabrication.

Stage IV:

Delivery and installation: The windows arrive at your site at the appointed date. Installation is carried out once the civil work is complete. The installation process involves the use of anchor fasteners and sealants between the wall and the frame.

Stage V:

Handover: Once the installation is complete, technicians carry out a practical demonstration of each window for your benefit.

Stage VI:

Your feedback: Post installation, the team leader calls you for a 'Customer Satisfaction' Survey. You are requested to rate your Fenesta experience. Your feedback helps in improving the standards of Fenesta service.

Stage VII:

After Sales Service: Our customer service cell works for 365 days. You can **call us at 1800 102 9880, 74286 91568, SMS WINDOW to 56161, or email at response@fenesta.com** for any help that you require for smooth operations of your windows.

The Fenesta Product Range - Windows and Doors



The Villa Window

A rare combination of style and substance, the Villa Window when launched was the first to introduce a twin sash, bug mesh and a grill built in the system. This ensures enhanced security and ventilation while not allowing insects and mosquitoes inside.

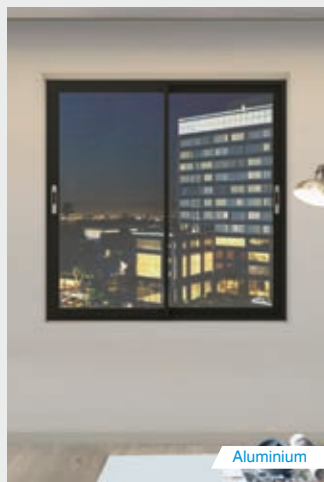
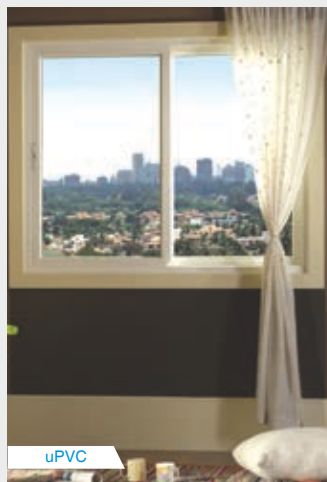
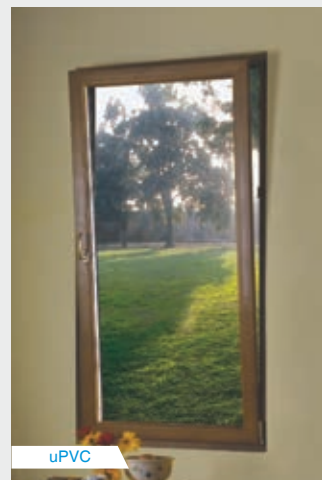
Available in uPVC.

The Tilt and Turn Window

Welcome more sunlight and ventilation inside your home with these Tilt & Turn windows. Featuring a sash that can tilt open at an angle from the top with hinges at the bottom or can swing inwards with hinges on the side.

Advanced engineering facilitates both these operations with the simple turn of a single handle.

Available in uPVC and Aluminium.



The Slider Window and Door

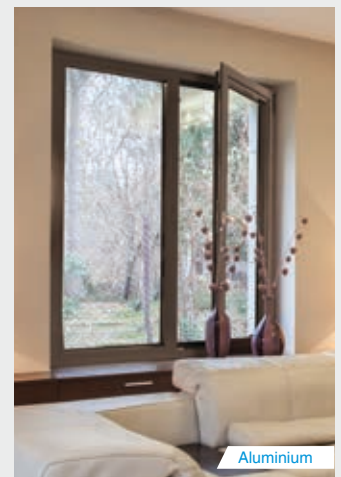
Featuring horizontal sashes fitted with rollers at the bottom, these windows optimize space with their swift sideways movement. Easy to open and shut, the slider gives you great ventilation and the widest view possible.

Available in uPVC and Aluminium.

The Casement Window

Featuring a sash that is hinged from the side on an outer frame that can open inwards and outwards. This ensures maximum ventilation in the room. Due to its double/triple glazing options, they enable better thermal and sound insulation as well. The windows come with multiple point locking systems and friction stay that ensure the window remains open in a fixed position even in the face of a stiff breeze.

Available in uPVC and Aluminium.



The Fenesta Product Range - Windows and Doors



uPVC



Aluminium

The Slide & Fold Door

Nothing looks or works better in rooms overlooking gardens and terraces. Fenesta Slide and Fold Door can elegantly and effortlessly connect your inside space with the environment outside. Stylish, contemporary and elegant, they offer a unique slide and fold mechanism that can divide and join large openings effortlessly. Fusion-welded frame and a sash for strength ensure that their beauty stays ageless.

Available in uPVC and Aluminium.

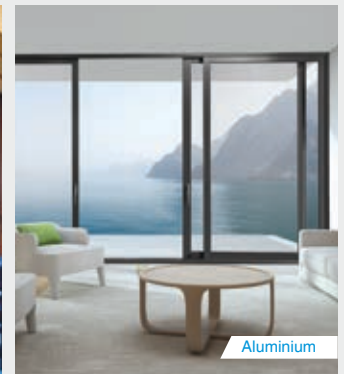
The Lift & Slide Door

Enjoy vast panoramic views with divider-less glass panes that offer superior insulation and enhanced security. Lift & Slide technology can connect inside with outside with just a feather touch.

Available in uPVC and Aluminium (Thermal Break System).



uPVC



Aluminium



uPVC



Aluminium

90° Corner Slider

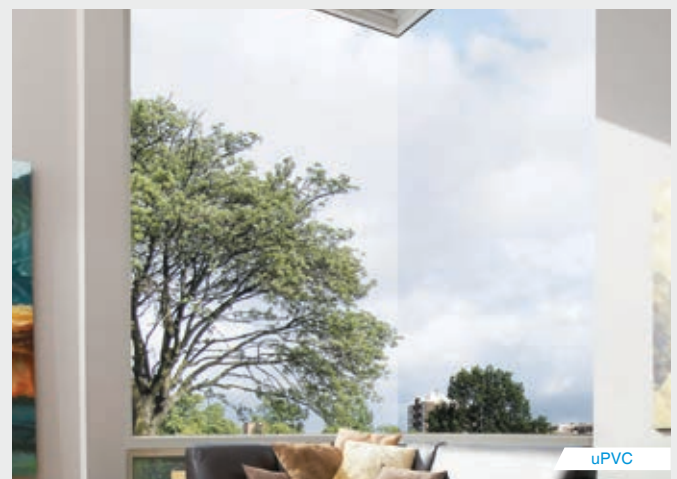
Keeping in mind the styles of contemporary homes, Fenesta introduces the 90° Corner Slider system. It is perfect for use in corners of balcony, garden spaces and facades.

Available in uPVC and Aluminium (Thermal Break System).

Glass-to-Glass Window

Features a fixed window unit, where the glass panes meet at an angle of 90° and are neatly joined together without using any mullions.

Available in uPVC.



uPVC

The Fenesta Product Range - Windows and Doors



Low Threshold Slider

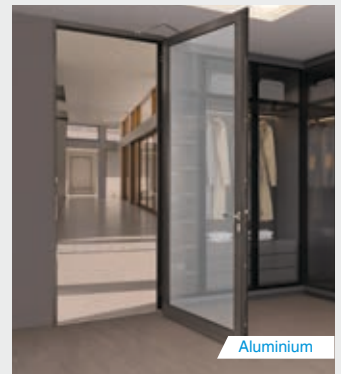
Comes with all the advantages of the slider doors with a lower threshold thus seamlessly connecting the home's indoor to outdoor. It also offers easy accessibility of wheelchair which reduces the chances of slipping and tripping.

Available in uPVC and Aluminium.

Casement Door

Counted among the most popular door designs, it gives a classic look in even the most modern of settings. Designed to swing inwards or outwards with the twist of a handle, Casement Doors offer clear views of the other side. Above all, it's their picturesque profile that makes Casement Doors the preferred choice for many. Casement Doors are equipped with hook locks and 3D hinges which ensure smooth operation with safety.

Available in uPVC and Aluminium.



Internal Door

Fenesta doors are made of a special hybrid polymer. They are composite materials made of wood fibre and thermoplasts replacing traditional material, hence making them environment friendly. Hybrid polymer is very sturdy and makes the doors resistant to termite, water, moisture absorption, fire and wear & tear of weather. Unlike the old-style traditional doors, Fenesta doors are low maintenance, superior quality and last longer.

Designer Door

The Fenesta Designer door can be used at entrance, rooms, bathrooms, kitchen or anywhere else. The core is filled with a metal sheet and foam to enhance sound & thermal insulation and weather-endurance.



The Fenesta Project (Premium) Series



This range has been specially designed for projects

The Fenesta Project (Premium) Series is a value priced product suited to meet your needs for living room, bedroom and kitchen. Prepared from unique uPVC blend, this series is designed to handle wind loads upto 2000* Pascals, making it weather resistant, energy efficient, UV resistant, low maintenance and outlast building. Products made from Premium Series retain their shape and sheen for years together. Professional installation by the Fenesta installation team further ensures insulation against noise, dust and pollution.

Available in uPVC

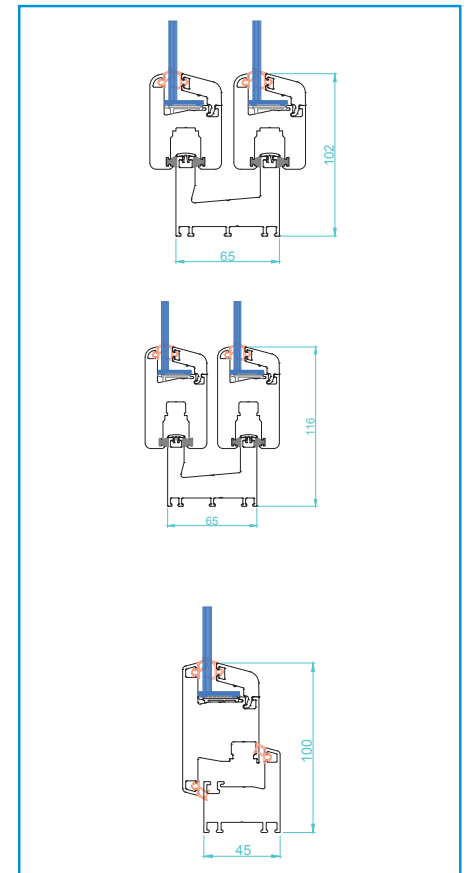
COLOUR PALETTE



*Available in uPVC & Aluminium both. †Available in uPVC. *Available in Aluminium. ^Available in Internal Doors.

Slider Window System X-Section Sightline

- 1 Differential wall thickness for corner finish
- 2 Tapered base for water drainage
- 3 Sleeker profiles / bolder sightline
- 4 Common profiles & accessories



Slider Door System X-Section Sightline

- 1 Differential wall thickness for corner finish
- 2 Tapered base for water drainage
- 3 Sleeker sash / bold sightline
- 4 Common profiles & accessories

Casement Window System X-Section Sightline

- 1 Euro-groove for standard hardware
- 2 Tapered base for water drainage
- 3 Higher wind load rating
- 4 Common profiles & accessories

The Fenesta Project (Premium) Series



Premium Villa Window for projects

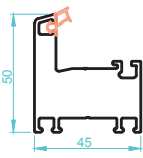
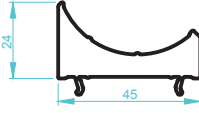
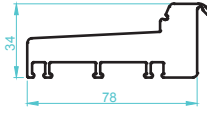
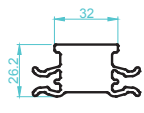
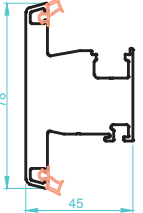
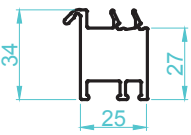
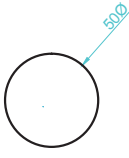
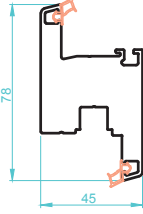
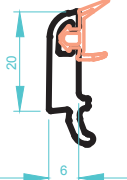
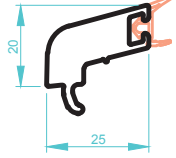
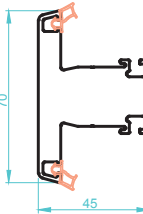
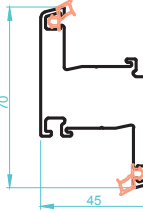

Villa window designs are created keeping in mind the standard benefits of the casement window, combining them with aesthetics. These windows are created especially for Indian homes which offer protection from various situations, including theft (grill) or insects (mesh) without having to sacrifice on the ventilation. They also come with multiple lock points which help in enhancing the security of your house.

Available in uPVC

PREMIUM VILLA WINDOW

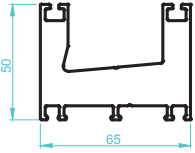
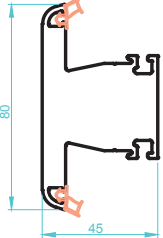
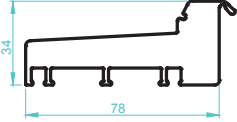

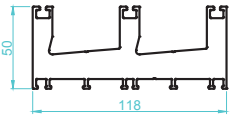
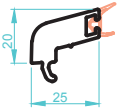
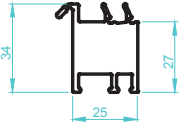
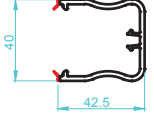

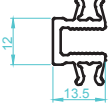
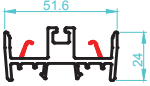
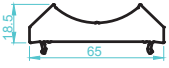


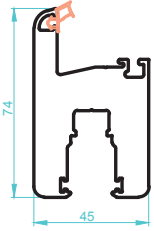
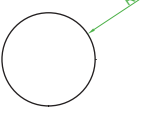
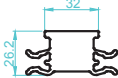

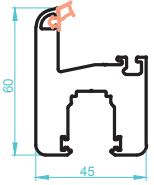
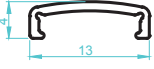
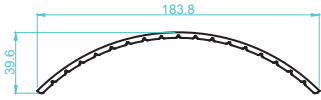

FRAME	ACCESSORIES
<p>Drawing No - V45PF1</p>	<p>Description - Single Glaze Bead Drawing No - A45PB1</p>
<h3>SASH</h3> <p>Drawing No - C45PS1</p> <p>Drawing No - B45PS2</p>	<p>Description - Double Glaze Bead Drawing No - A65PB2</p> <p>Description - Bug Bead Drawing No - B45PB1</p> <p>Description - Bug Clip Drawing No - B65PO1</p>
<h3>TRANSOM / MULLION</h3> <p>Drawing No - V45PT1</p>	<h3>GASKET</h3> <p>V45GO1 FGR/FGL_R1 BGR_1_R1 BGR_3 BGR_5</p>

CASEMENT WINDOWS

	PROFILE	ACCESSORIES		
OUTER FRAMES	 <p>Casement - Outer Frame Drawing No - C45PF2</p>	 <p>BB Adaptor Drawing No - C45PO1</p>	 <p>Sill Profile Drawing No - A65PO1</p>	 <p>Structural Coupler Drawing No - A65PO10</p>
SASH	 <p>Casement - T Sash Drawing No - C45PS1</p>	 <p>Wall Connector Drawing No - A65PO2</p>	 <p>C56 Py1 BAY POLE</p>	
	 <p>Casement - Z Sash Drawing No - C45PS2</p>	 <p>Double Glaze Bead Drawing No - A65PB2</p>	 <p>Glass Bead Drawing No - A45PB1</p>	
TRANSOM/MULLION	 <p>Casement - T Mullion Drawing No - C45PT1</p>			
	 <p>Casement - Z Mullion Drawing No - C45PT2</p>	<p>GASKET</p>  <p>FGR/FGL_R1 BGR 1_R1 BGR 3 BGR 5</p>		

Fenesta Premium Series Portfolio

SLIDER WINDOW & DOOR

	PROFILE	ACCESSORIES			
OUTER FRAMES	 <p>Slider - 2 Track Frame Drawing No - S65PF5</p>	 <p>Slider Midrail Drawing No - S65PT4</p>	 <p>Sill Profile Drawing No - A65PO1</p>	 <p>Interlock Cover Drawing No - S65PO1</p>	
	 <p>Slider - 3 Track Frame Drawing No - S65PF6</p>	 <p>Slider Glaze Bead Drawing No - A45PB1</p>	 <p>Wall Connector Drawing No - A65PO2</p>	 <p>Static Profile Drawing No - S65PO2</p>	
		 <p>Double Glaze Bead Drawing No - A65PB2</p>	 <p>Structural Coupling Drawing No - A65PO4</p>	 <p>Inline Sash Adaptor Drawing No - S65PO3</p>	
			 <p>Bay Pole Adaptor Drawing No - A65PO6</p>	 <p>PVC Rail Drawing No - S65PO7</p>	 <p>Track Cap Drawing No - S65PO4</p>
		 <p>Slider - Door Sash Drawing No - S65PS2</p>	 <p>Bay Pole Drawing No - A65PO7</p>	 <p>Structural Coupler Drawing No - A65PO10</p>	 <p>Monsoon Stop Drawing No - S65PO5</p>
		 <p>Slider - Window Sash Drawing No - S65PS3</p>			 <p>Interlock Cap Drawing No - S65PO6</p>
SASH		 <p>Bay Pole Cover Drawing No - A65PO8</p>			
		<p>GASKET</p>  <p>FGR/FGL_R1 BGR 1_R1 BGR 3 BGR 5</p>			

The Fenesta Impact

On Homes:



Our homes are a reflection of our personality. At Fenesta, we strongly believe in this, and as India's largest windows and doors brand, we are committed to providing the best solutions for every home in India. Our wide range includes innovative yet beautiful solutions for every room of your house making it brighter, bigger and even cleaner. Each of our products is a perfect combination of art and science, created as per your environment - Wind Speeds, Rainfall Intensity - and Architectural tastes. So read on and discover how Fenesta won't just transform your home but change the way you live for all times to come.

- Freedom from noise, dust and pollution
- Energy efficiency: reduced electricity bills, comfortable living with minimal environmental impact
- No rain seepage
- Bright and airy rooms
- Specially engineered windows that withstand strong winds: no rattling and whistling
- An uninterrupted view of the world outside
- The merging of balconies and rooms: more space
- A flawless finish: superior aesthetics
- Freedom from maintenance
- A lifelong investment

On Hotels:

Our window and door solutions, with their superior insulation and stunning aesthetics, create a contemporary and luxurious ambience within a hotel room offering guests privacy and comfort of a home. As a result, over 100 luxurious Indian hotels have installed Fenesta.

- Reduces air-conditioning costs by as much as 30% in some cases
- Ensures privacy and noise free environment for guests
- Brightens up the environment
- Improves the view
- Creates space: Unites balconies with rooms
- Blocks noise, rain, wind, dust and pollution
- Reduces street noise by as much 45 decibels
- Increases ventilation (as and when you need to)
- Reduces maintenance costs



On Hospitals:



Advanced insulation properties of our windows and doors protect the patients from noise, dust and pollution, maintaining the much needed peaceful and sterile environment inside. It also makes us the preferred choice of India's leading hospitals.

- Peace and quiet that helps patients recover
- Superior hygiene
- Bright rooms: Sunlight without heat
- Energy saving: Lower air-conditioning costs
- Virtually zero maintenance

These are few reasons why hospitals across India have transformed their environment simply by switching to Fenesta.

Awards & Accolades



Only Window Brand in the country to be conferred with Superbrand status for four consecutive years (2015-2019)



Best Modular Windows Category based on consumer survey conducted in April 2020



Extraordinaire Brand Award at Brand Vision Summit, Mumbai 2019



Named among best building products ranked by Leading Architects & Designers



Most Admired Brand of the Year Windows & Doors at ET Now Star of the Industry Awards, 2019



The 2018 DMA Asia ECHO Awards for Customer Acquisition through Digital Marketing



Honoured with Asia One India's Greatest Brand for 2017-18 in Windows & Doors category



Bagged the Product brand of the year 2019 for Excellence in Building Products and Construction Material Sector at Realty Plus Interior & Exterior Awards, 2019



Won Brand of the year in uPVC Windows Category & Most Preferred Brand by Real Estate Sector in uPVC Windows & Doors (Year 2017-18)



Won the prestigious Product of the Year 2015 award by ABID (Association of Architects Builders Interior Designers and Allied Business)

Accreditations Summary



British Standard Institution, UK



The extrusion facility in Kota conforms to ISO 9001, ISO 14001, OSHAS 18001



Central Building Research Institute, Roorkee



Das Kunststoff - Zentrum



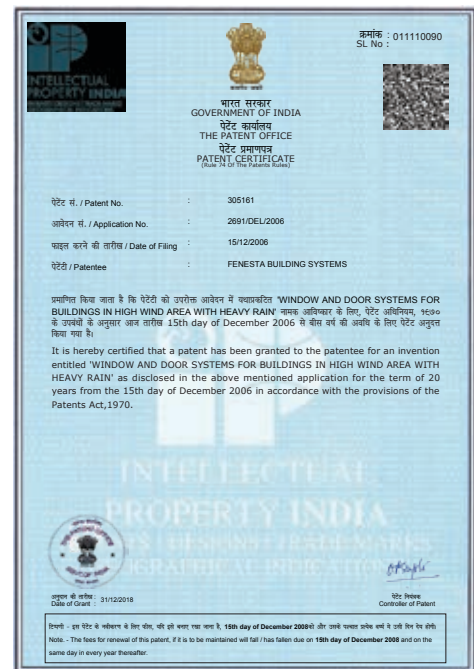
Center for Environmental Planning & Technology, Ahmedabad



Extrusion plant at Kota is the recipient of the British Sword of Honour for its unblemished safety record (Year 2009)



First in the Indian Window Industry to be certified for ISO 9001, ISO 14001 & ISO 45001



Patent received for High Wind & Heavy Rain windows & doors system



Shriram Institute for Industrial Research
(A Unit Of Shriram Scientific & Industrial Research Foundation)

Our Clientele:

Residential



Crest NCR, Belair NCR, Park Place NCR
OMR Chennai, Vytilla Cochin & NTH Calcutta



Shantiniketan Bangalore, Abshot -
Bangalore, Bougain Villa - Bangalore more



Atlantis - NCR, Pirangut
Villas - Pune



Blue Sapphire - Kolkata



Iconic - NCR, Mezzaria - NCR,
Moderne - NCR



Twin Towers - NCR,
Forest Spa - NCR



Solitaire - Hyberabad



Klasse - NCR



Woodsman Estate - Bangalore



Chloris - NCR, Aura - NCR



Stylome - NCR, Edifice - NCR



Millenium - Bangalore, Gardenia -
Bangalore, Splendor - Bangalore,
Harmony, Paramount more



Blue Mont - Chennai,
West Hills - Chennai

Hotels



Cochin, Landsend,
Mumbai, Hyderabad



NCR



NCR



NCR



Bangalore



Pune, Ahmedabad, Chennai



Gurgaon, Goa, Ahmedabad, Mumbai



NCR



Bangalore, Goa, Hyderabad



Ahmedabad, Indore



NCR

Hospitals



NCR



Mumbai, Bangalore



Chennai



Mumbai



Mumbai



NCR



NCR



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