



Questions
on every
homemaker's
mind?

Fenesta  TM
Better by Design



Fenesta Villa Window in walnut finish spanning the entire wall

“So much is possible with Fenesta windows”

We all want our homes to be quieter, brighter, cleaner and even bigger.

We want an environment in which our children can study in peace and the family can enjoy music and quiet moments and lead a healthy and happy life.

In reality, the opposite happens. The outside world gets in the way of our comfort. Noise, rain, wind and dust make a mess of our best-laid plans.

Can something be done? Yes. The right window in the right place can actually transform our homes – and the way we live.

As India's largest windows and doors company, Fenesta is committed to providing the best possible solutions for every home in India. Since building designs range from villas to high rises, so do Fenesta solutions.

They match architectural styles and individual preferences in different parts of the country.

Read on. Discover which windows work best for you. So much is possible with Fenesta windows.



Fenesta windows in Prestige Shantiniketan, India's largest developer project with 78,000 windows

“Noise drives us crazy. Can windows give us peace?”

Noise takes many forms. In a high-rise building, it could be the constant whine of aircraft engines. At lower levels, it could be a maddening mix of traffic, loudspeakers and even the blast of your neighbour's television set.

In a modern car, when you close the windows, you shut out noise. You seal the passenger cabin. But if you leave the window even partially open, all the noise comes right in.

The same problem – only worse – exists in traditional windows. They have gaps – even when closed. The gaps are the result of flaws in design, construction and installation.

Not so with factory-made Fenesta windows. Multi chambered profiles and fusion welded joints improve overall sealing. Casement windows even come with multiple point locks and double seals. The gaps between the window and the wall are closed with silicone.

If you live in an exceptionally noisy neighbourhood or near traffic intersections, Fenesta windows can be also fitted with special glass options that can reduce unwanted noise levels substantially. Because noise should be seen, not heard.

Generally casement systems provide better sound insulation as compared to slider systems. Product performance varies according to design, specifications and other environmental factors.



Fenesta fixed and slider window combination in pristine white finish

“How can I save my carpets from rain?”

Rain flying in with the wind is an enduring memory of childhood fun.

It is not so much fun when the rain flies into your house through the windows.

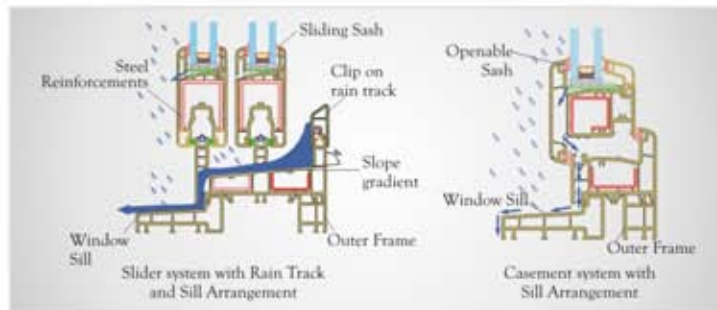
The problem with the traditional wooden window is that it warps and the resulting gaps invite rain. With aluminium windows, rainwater accumulates in the tracks and spills inside. The problem evaporates when you replace your old windows with Fenesta. The sealing and special monsoon proof features work together to prevent the invasion of rain.

Fenesta windows comes with drainage holes for water to flow out. You can also choose windows with an outward slope for faster drainage.

In areas that experience heavy showers, Fenesta uses the 'Rain Track', a simple dam-like system that blocks rain completely and diverts it outside.

Then there's the Sill Arrangement, useful in areas that receive small amounts of rain. The arrangement resists wind pressure, making sure that rain flows out at some distance from the outer walls.

Which one should you choose? Depends on where you live.



Fenesta floor-to-ceiling slider door in walnut finish

“Can you help us reduce air-conditioning costs?”

Even if used only at night, each air-conditioner costs a fortune to run. The cost goes up when you shift to back-up power which is many times more expensive.

You can reduce this expenditure by nearly 30% merely by switching to Fenesta.

Built into Fenesta are three energy-saving features absent in common aluminum windows.

One: The material from which it's made: UPVC. A poor conductor of heat, UPVC neither retains nor transfers heat indoors. Aluminum does both.

Two: The airtight sealing of Fenesta prevents cold air from escaping out and hot air from flowing in.

Three: All Fenesta windows can be fitted with double insulated glass, which is often used in modern buildings with high green ratings – as the means to save power.

Fenesta recommends the use of wall units instead of window units. The benefits are considerable: less noise and more light. In fact, VRV systems make an excellent fit with Fenesta. The two together multiply the benefits of lower energy costs and noise free living.



Fenesta floor-to-ceiling slider door in pristine white finish

“Why do some windows obstruct sunlight – and the view of the sunset?”

Windows were invented to let sunlight into homes.

Having said that, take a look at your old windows. Wooden windows require cross members to support their frames due to their lack of inherent strength. The cross members obstruct sunlight.

Now take a look at Fenesta. Strong steel reinforcements are tucked inside large UPVC frames.

There are no cross-members, nothing to interrupt sunlight from streaming in – and nothing to obstruct the view. Psychologists believe there's nothing more therapeutic than the wonderful sights of nature forming on your window. You can watch kids playing in the park, follow the sunset, touch the horizon, see the flowers bloom in your garden.



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

“Can windows be an eye-catching feature?”

Fenesta windows can be made in attractive shapes and sizes. Windows that rise from the floor-to-ceiling; windows that span balconies; bay windows with a combination of three or more openings projecting outwards with the option of glass-to-glass joints; arched windows; tilt & turn windows; fixed picture postcard windows; combinations of casements and sliders.

Smooth to touch and easy to clean, the windows retain their lustre for a very long time. They improve the facade and indoor aesthetics, add elements of architectural style and alter the character of bedrooms, the living room, the dining room, the study and even the kitchen and bathrooms.

They also come in the finish of your choice to match the decor of each room. Take your pick of a natural wood finish: Light Oak, Walnut and Mahogany or the popular Pristine White.



Fenesta extends your design palette

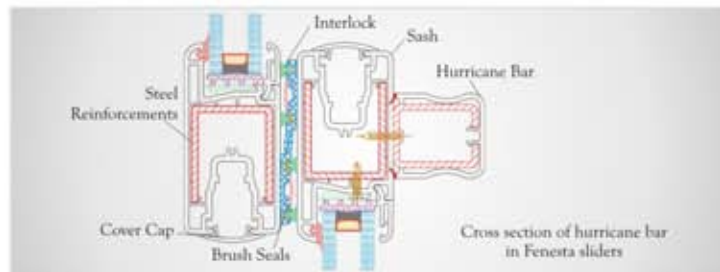
“Whistling winds
rattle the windows
and my nerves.
Can someone help?”

Old windows were not built to face high velocity winds; they're just not strong enough. That's why old windows bend or deform. When that happens, narrow air gaps form between frames leading to whistling and rattling sounds.

The standard Fenesta window is far stronger than the standard aluminum or wooden window as it has a steel reinforcement within – in all its sections. Wool pile in sliders and EPDM gaskets in casements seal gaps.

In coastal areas or high rise buildings where wind speeds are higher, Fenesta uses the 'Hurricane Bar' as additional support to give further rigidity to the frame.

The result is the only window in the world that can withstand hurricane winds so quietly that you would get to know the outside impact only the next day from your neighbours.



Fenesta fixed window and slider door combination in light oak finish

“We live in fear of a break-in: Can we make our home safer?”

Security is a major issue in both villas and low rise buildings in virtually every city in India.

The traditional solution revolves around fixing a grill to the masonry or to the window frames. In the Fenesta Villa Window, the grill is integrated into the window with clamps.

In other windows too, Fenesta presents the option of a grill.

Fenesta windows come with multiple-point locking which is much safer than the conventional single point lock. Further burglar resistance is possible with special glass options.



Fenesta Villa Window with security grill and bug mesh in light oak finish

“Can we keep insects out without sacrificing ventilation?”

Often, windows are kept closed – day and night – for fear of insects and mosquitoes. Obviously, closed windows block much needed fresh air.

The Fenesta Villa Window allows you to open the window and keep insects out at the same time. The window has two frames. The outer sash is fitted with glass and can be kept open. The inner sash has a fibre glass mesh which is kept closed when the outer frame is open.

With this unique arrangement, you get ventilation – and no mosquitoes – without compromising security because of the grill.

In sliding windows, an additional sliding frame with a fibre glass insect screen can be fitted. In casement windows, a pull down fibre glass mesh can be fitted. This allows you to keep the glass frame in an open position for ventilation while keeping the mesh pulled down to prevent the entry of insects. Once you open the glass frame, it stays in that position. Conventional windows are often difficult to open. The inferior hardware breaks or jams. These problems disappear once you install Fenesta windows.

They open and shut with utmost ease – at all times.



Pull down mesh for casement windows



Fenesta slider door in mahogany finish at Mr. Shunglu's residence in Noida

“I didn't know windows can create more living space. Can you show me how?”

Fenesta doors connect different parts of your house. An intelligent design allows easy movement from one area to another, much like the room and the verandah shown on the right, both in harmony.

The right windows in the right place unite spaces. Old windows do the opposite. They occupy a small area of the wall. As a result, they act as a partition, a divider between balconies and rooms.

On the other hand, a Fenesta slider can replace a wall and actually create an open space where children can play and you can party. It also improves the view, especially with a garden outside.

With Fenesta, you can do wonders in apartments where space is restricted.



Fenesta slider door in pristine white at Mr. Bijal Modi's residence, Mumbai

“Shouldn't windows be termite resistant and maintenance-free?”

Fenesta windows are built to outlast buildings.

Unlike conventional windows, they require no varnish, no polish and no coat of paint – ever. They're weather resistant and termite resistant. They retain their flawless finish for years with just routine cleaning with soap and water.

In India, no region, no locality is free of termites. After a termite attack, wooden windows have to be replaced – at considerable cost.

You can eliminate the risk of termites altogether by installing Fenesta windows. Fenesta is made of UPVC, a termite-resistant material.

Fenesta also uses special stainless steel hardware for coastal regions that experience high atmospheric corrosion.

If you compare the lifetime cost of different window materials (including the cost of maintenance and replacements), Fenesta wins hands down.

It does more than that. Fenesta raises the value of your home – with all the functional advantages and aesthetic improvements it introduces for a lifetime.



Fenesta slider door in pristine white finish spanning the length of the entire balcony at Mr. Chandan Hazari's residence in Mumbai

“Dust has a habit of coming back. Can something be done?”

The wind brings with it dust from construction sites, industries, stone quarries, pollen, vehicular traffic and even the occasional dust storm.

Dust can be pretty troublesome. Apart from hours of effort in cleaning, it also reduces the life of curtains, upholstery and carpets.

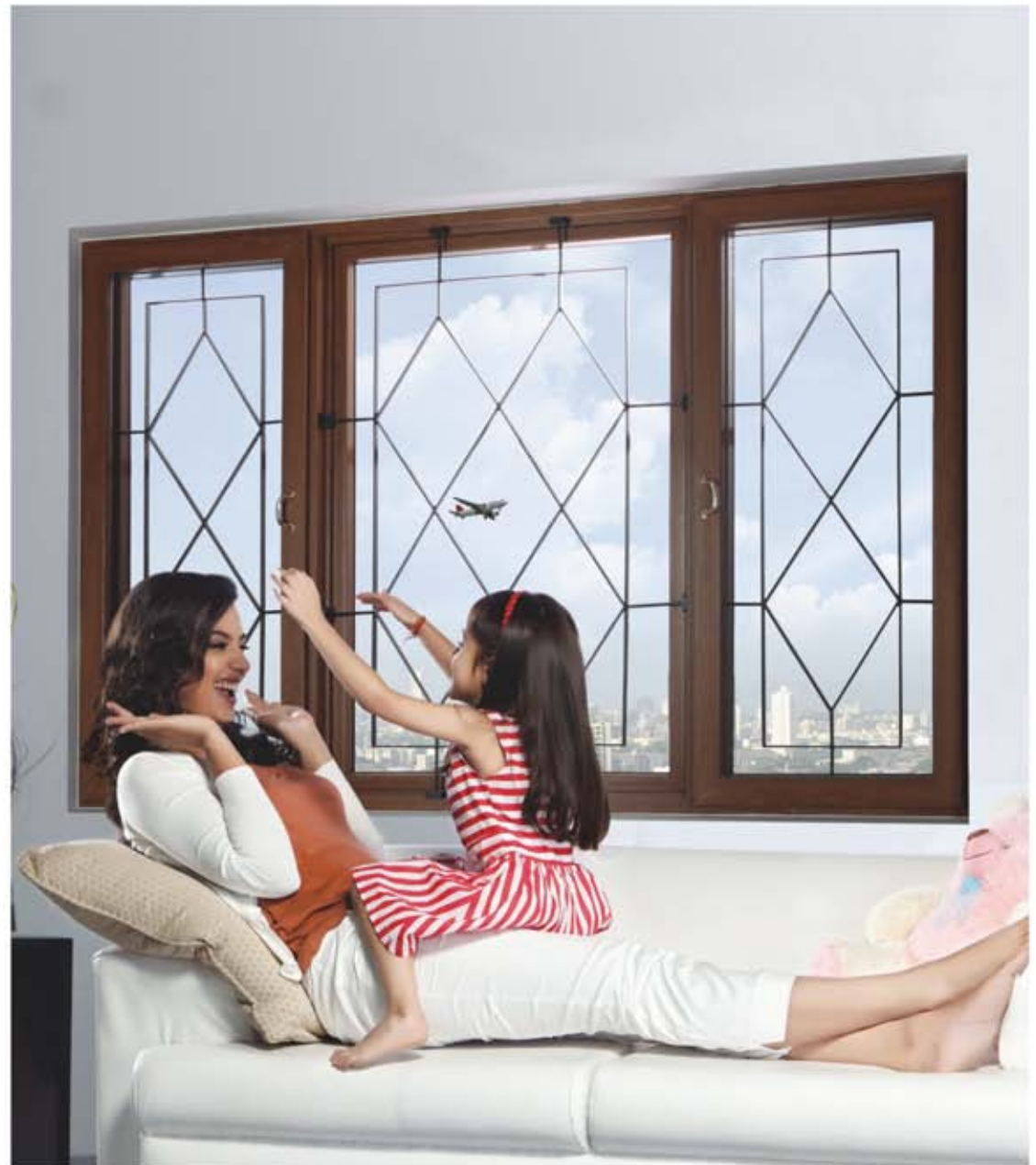
It also impacts your health – adversely. Samples taken from households confirm the presence of lead – highly toxic for both children and adults.

Your fight against dust is probably a losing battle. You wipe your living room clean only to see a film of dust settle on furniture and the floor within minutes. Or you return from a vacation to a home laden with dust. The only way to keep dust out is to not let it in.

The problem is that dust enters through cracks in the old windows. Switch to Fenesta and the problem is hugely reduced much like it is in a modern car.

The same 'airtight' principle that keeps noise out also keeps dust out.

Product performance varies according to design, specifications and other environmental factors.



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

“Which glass should we choose?”

Glass is an important component that impacts the functionality of the window. Use the tables below to make your selection.

Glass Type	Heat Insulation	Adequate Sunlight
Clear	✓	✓✓✓
Tinted	✓✓	✓✓
Reflective	✓✓	✓
Low E	✓✓✓	✓✓✓

The above glass types can be offered in different degrees of strength as follows:

Glass type - by strength	Security from breakins	Safety for daily use
Annealed	✓	✓
Heat Strengthened	✓✓	✓✓
Toughened	✓✓	✓✓✓
Laminated	✓✓✓	✓✓✓

Above glass types can be combined as Double Glaze (DG) and Triple Glaze (TG) units to combine the benefits of individual glass types. Such units also contribute to enhanced thermal insulation.

Fenesta recommends Clear - Toughened - Double Glazed unit for optimal performance across all parameters.

Availability of each glass type can vary across regions. Please check with the local sales teams. Product performance varies according to design, specifications and other environmental factors.



Fenesta Villa Window spanning the length of entire wall in walnut finish

“Can I pick and choose lock handles?”

Yes, you can. While each multiple-point locking system provides both airtight sealing and security, it also adds aesthetic value. Several imported lock designs are available for both slider (shown on the left) and casement windows. Choose the one that matches both the window finish and the decor.

Note: Both key and non-key options are available. We do not recommend using Fenesta as entry doors.

White

Chrome

Black

Champagne Gold



Casement Window:
Multiple point lock



Casement Door:
Multiple point lock

Champagne Gold

Chrome

Black

White



Slider Window:
Single point lock



Slider Window and Door:
Multiple point lock



Slider Door:
D Handle - Multiple point lock

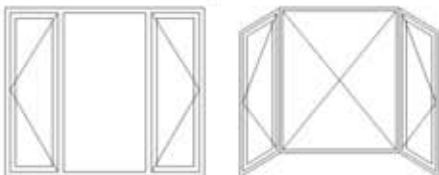
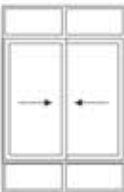
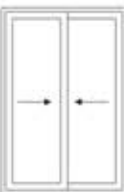


*Available in both key and non key option

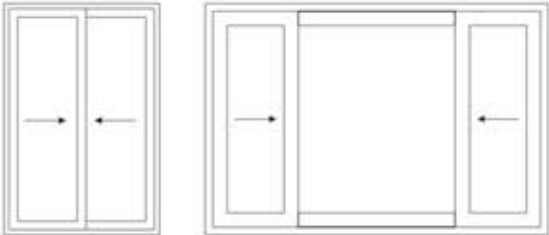
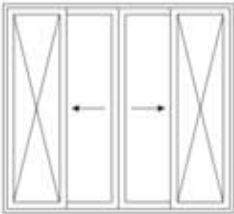
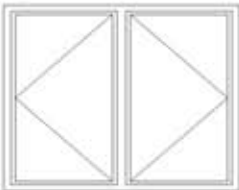
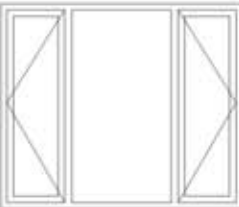



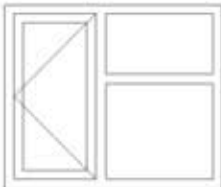
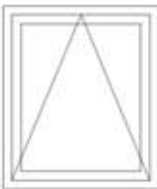

Slider Window,
Slider Door and
Tilt and Turn Window:
Multiple point lock

Handle shapes and colour may vary from the pictures shown above.
Please check at the time of ordering.

“Do I have the freedom to design my own windows?”

	Recommended Design	Description	Benefits	Recommended Accessories
MASTER BEDROOM	<p>Villa Bay Window</p> 	<ul style="list-style-type: none"> A combination of two or more casement windows at an angle, joined together with bay poles. Any of the sashes of the window can open 	<ul style="list-style-type: none"> Provides excellent insulation Opens at any angle without stoppers Creates extra space Allows twin benefits of ventilation with an inside open able mesh and security with the help of grills 	<ul style="list-style-type: none"> Mesh (inside open able in villa casements) Integrated Grill for security Window Sill (recommended for regions with moderate rainfall) Toughened glass for security Double Glass for high insulation against noise and heat
	<p>Sliding window with fixed members at top and bottom</p> 	<ul style="list-style-type: none"> Consists of two movable sliding panels that slide in opposite directions with fixed members on top and/or bottom 	<ul style="list-style-type: none"> Provides floor to ceiling solution even in higher floors Can be fitted with monsoon proof solutions for heavy or moderate rains Can be strengthened with a hurricane bar to withstand strong winds Combination is seamless and within the same plane 	<ul style="list-style-type: none"> Retro fit Mesh that can be removed whenever required Hurricane bar (for additional strength in high rise applications and large sized windows) Monsoon track (for heavy rains) Window Sill (for moderate rains) Double Glass for high insulation against noise and heat
	<p>Sliding window</p> 	<ul style="list-style-type: none"> Consists of two movable sliding panels that slide in opposite directions 	<ul style="list-style-type: none"> Can be fitted with monsoon proof solutions for heavy or moderate rains Can be strengthened with a hurricane bar to withstand strong winds 	<ul style="list-style-type: none"> Retro fit Mesh that can be removed whenever required Hurricane bar (for additional strength in high rise applications and large sized windows) Monsoon track (for heavy rains) Window Sill (for moderate rains) Double Glass for high insulation against noise and heat
BEDROOM	<p>Villa casement window</p> 	<ul style="list-style-type: none"> Villa casement window with single sash side hung joined with a bigger fixed portion 	<ul style="list-style-type: none"> Provides excellent insulation Opens at any angle without stoppers Allows twin benefits of ventilation with an inside open able mesh and security with the help of grills 	<ul style="list-style-type: none"> Mesh (inside open able casements) Integrated Grill for security Window Sill (recommended for regions with moderate rainfall) Toughened Glass for security Double Glass for high insulation against noise and heat
	<p>Sliding window with fixed members at top and bottom</p> 	<ul style="list-style-type: none"> Consists of two movable sliding panels that slide in opposite directions with fixed members on top and/or bottom 	<ul style="list-style-type: none"> Provides floor to ceiling solution even in higher floors Can be fitted with monsoon proof solutions for heavy or moderate rains Can be strengthened with a hurricane bar to withstand strong winds Combination is seamless and within the same plane 	<ul style="list-style-type: none"> Retro fit Mesh that can be removed whenever required Hurricane bar (for additional strength in high rise applications and large sized windows) Monsoon track (for heavy rains) Window Sill (for moderate rains) Double Glass for high insulation against noise and heat

	Recommended Design	Description	Benefits	Recommended Accessories
BALCONY	<p>Sliding Door</p> 	<ul style="list-style-type: none"> Two movable sliding panels that slide in opposite directions 	<ul style="list-style-type: none"> Can be fitted with monsoon proof solutions for heavy or moderate rains Can cover span of entire walls or balconies to provide maximum natural light and excellent view Can be strengthened with a hurricane bar to withstand strong winds 	<ul style="list-style-type: none"> Retro fit Mesh that can be removed whenever required Hurricane bar (for additional strength in high rise applications and large sized windows) Monsoon track (for heavy rains) Double Glass for high insulation against noise and heat
	<p>Slider door with multiple sashes</p> 	<ul style="list-style-type: none"> 4 panels on slider track, 2 panels on extreme end are fixed and middle two are sliding 	<ul style="list-style-type: none"> Adds element of style Can be fitted with monsoon proof solutions for heavy or moderate rains. Can cover span of entire walls or balconies to provide maximum natural light and excellent view Can be strengthened with a hurricane bar to withstand strong winds. 	<ul style="list-style-type: none"> Retro fit Mesh that can be removed whenever required Hurricane bar (for additional strength in high rise applications and large sized windows) Monsoon track (for heavy rains) Double Glass for high insulation against noise and heat
STUDY ROOM	<p>Casement window</p> 	<ul style="list-style-type: none"> Side hung window consists of two open able sashes. Also called French Window 	<ul style="list-style-type: none"> Provide excellent insulation from noise, rain and pollution Opens at any angle without stoppers 	<ul style="list-style-type: none"> Window Sill (recommended for regions with moderate rainfall) Toughened Glass for security Double Glass for high insulation against noise and heat
	<p>Villa Casement window</p> 	<ul style="list-style-type: none"> Villa casement window with two openable sashes joined with a bigger fixed portion in center 	<ul style="list-style-type: none"> Provides excellent insulation Opens at any angle without stoppers Allows twin benefits of ventilation with an inside open able mesh and security with the help of grills 	<ul style="list-style-type: none"> Mesh (inside open able in villa casements) Integrated Grill for security Window Sill (recommended for regions with moderate rainfall) Toughened glass for security Double Glass for high insulation against noise and heat

	Recommended Design	Description	Benefits	Recommended Accessories
KITCHEN	<p>Casement window</p> 	<ul style="list-style-type: none"> • Twin sash side hung window with fixed portion on top 	<ul style="list-style-type: none"> • Enables ventilation • Allows exhaust fan to be fitted • Allows light 	<ul style="list-style-type: none"> • Mesh • Exhaust fan
	<p>Casement window</p> 	<ul style="list-style-type: none"> • Single Sash side hung window joined with a bigger fixed portion 	<ul style="list-style-type: none"> • Enables ventilation • Allows exhaust fan to be fitted • Allows light 	<ul style="list-style-type: none"> • Mesh • Exhaust fan
BATHROOM	<p>Top hung window</p> 	<ul style="list-style-type: none"> • Sash hinged on top and opens outside like a ventilator 	<ul style="list-style-type: none"> • Enables ventilation, allows light • Enables fitting of Louvers and Exhaust 	<ul style="list-style-type: none"> • Louvers • Frosted glass • Exhaust fan
	<p>Top hung windows with louvers</p> 	<ul style="list-style-type: none"> • Outer frame of UPVC fitted with Louvers in place of glass • Louvers can be of PVC (both movable and fixed) and glass (only fixed) 	<ul style="list-style-type: none"> • Enables ventilation, allows light • Enables fitting of Louvers and Exhaust 	<ul style="list-style-type: none"> • Louvers • Frosted glass • Exhaust fan

“Windows may look similar. How do I know whom to trust?”

Quality lies below the skin.

India's largest window company combines key strengths in its frame: Knowledge, skills, spread, technology, people and service—and heritage.

Fenesta has produced and installed over a million windows. These windows serve 150,000 homes and scores of hotels, hospitals, factories, showrooms and schools.

The network comprises 20 sales offices, 9 signature studios, 4 factories and nearly 100 showrooms across the country.

No other company in India draws from world-class infrastructure or has complete control over the entire supply chain of window manufacturing and installation. Supplies of PVC come from its very own plant. Thereafter, skilled teams control each function: blending, extrusion, design, survey, manufacture, quality practices, project management, delivery, installation and post sales service.

Fenesta is a part of DCM Shriram, the 125-year old, Rs 5650 crore group known for its transparent work culture and diversity. The DCM Shriram values have inspired trust and built long terms relationships with stakeholders in India and abroad.

Talk to Fenesta and see how these values translate into service and modern window solutions for your home.



Fenesta bay window in mahogany finish

“Who should I call?”

Whether you are renovating your home or building a new one from scratch, feel free to get in touch with us through one of the following means:

- You can call us on 1800 102 9880 or
- You can log on to www.fenesta.com and leave an enquiry or
- Simply SMS 'WINDOW' to 56161 or
- Email us on response@fenesta.com

Our team will work with your architects to select the best solution for your home.

Make use of our professionalism, infrastructure and experience of more than a million window installations in over 150,000 homes.

We help in window selection, measure each window aperture, monitor production at state-of-the-art factories, supervise installation and respond to calls for future service.

The entire process of replacing old windows and installing new ones happens smoothly - without causing any disturbance to your family life.

Replacing windows won't just transform your home but will change the way you live for all time to come.





“The Fenesta Checklist”

No one comes close

- ✓ Experience of one million-plus installations
- ✓ Design freedom: Many window types, sizes and styles
- ✓ Tropical UPVC formulation outlasts buildings
- ✓ Designed for Indian conditions
- ✓ All India presence: Service on call
- ✓ World class infrastructure: Extrusion, fabrication and installation
- ✓ India's No. 1 windows brand
- ✓ Part of DCM Shriram, the trusted 125-year old, Rs 5650-crore company



State-of-the-art, DCM Shriram Kota plant



4 Head CNC welder



Extrusion machinery at Kota



CNC profile comparator at extrusion plant in Kota



Fenesta service van equipped with necessary tools



FenestaTM
Better by Design



Call: 1800 102 9880 (Toll Free) / SMS: WINDOW to 56161 / Email: response@fenesta.com
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