

Skylight

# Window And Doors

Enhance Your Home's Beauty and Security – Professional  
Door & Window Installations Available Now!



[www.skylightwindows.in](http://www.skylightwindows.in)



WE BRING YOUR VISION TO LIFE.

## WE'RE FOR PEOPLE WHO TAKE BUILDING TO NEW LEVELS.

We're for people who are passionate about design, who care about the big picture and the smallest detail. We're for people who aren't satisfied with mainstream options.



## WE'RE FOR QUALITY CRAFTSMANSHIP.

We create solutions built on advanced technologies that solve our customers challenges. Wallme windows and doors specialist will work with you to make your dream a concrete reality.



## WE'RE FOR INNOVATION.

The Sky Light Windows story began with a vision. We're for people who want to take building to new levels of performance, Skylight builds windows and doors that do the things you dream about. We're for creative thinking that redefines what's possible.



## WE'RE FOR ACCELERATING SUSTAINABLE ECONOMIC PROGRESS.

We're for people who think of efficient and modern buildings to achieving sustainable development, they align economic, social, and environmental opportunities, creating so-called "triple bottom line" benefits.





## OUR UPVC PROFILE SERIES

At Skylight each Door & Window is truly made to order. We focus on the details that make our products distinctive with premium German Technology uPVC profiles from VEKA and hardware options that are engineered to function effectively. Our uPVC profile offerings are detailed below.



### SLIDING PRIME SERIES (VEKA – I 50):

Sliding Prime Series (I-50 series) developed with architects for small size windows with relatively less wind load. The design process is considered to include the properties for the insulation (heat and sound), resistance, and tightness as the window performance in addition to the profile.

Prime Series (I-50 series) are available in double rail (2 track) and double rail with screen track (2.5 track) with just single glazing option, of glazing thickness of 5mm.



### SLIDING MATRIX SERIES (VEKA – I 60)

Sliding Matrix Series (I-60 series) Windows and Doors are one of our mid segment modern options. They give your living space a comfortable ambient look and also allow unrestricted natural sunlight because of their wide openings. Options are available for coastal areas requiring hurricane impact performance.

Matrix series(I-60) is available in 2 track, 2.5 track, mono rail and 3 tracks with options of single and double glazing and thickness ranging from 5mm to 20 mm.



### SLIDING ULTRA SERIES (VEKA – I 64)

Sliding Ultra Series (I-64 series) Windows and Doors are the ideal selection for the homeowner in the upper segment and commercial establishment like offices, hotels and schools.

Ultra series (I-64) is available in 2 track, 2.5 track and 3 tracks with options of single and double glazing and thickness ranging from 5mm to 24 mm.





## OUR UPVC PROFILE SERIES

### SLIDING VISTA SERIES (VEKA – I 75)

Sliding Vista Series (I-75 series) Windows and doors are designed for exceptional style and premium with the utmost in comfort and security, Our Windows and Doors have been tested to winds as well.

Vista series (I-75 series) is available in 2 track and 3 track with options of single and double glazing and thickness ranging from 5mm to 24 mm.

### SLIDING COMPACT (VEKA – I 44)

Sliding Compact Series (I-44) windows are designed for your very small size sliding window for your home.

Sliding Compact series (I-44 series) is available in 2 track only with just single glazing option, of thickness 5mm.



### CASEMENT LUXE SERIES (VEKA - I 60)

Casement Luxe Series (I-60 series) is designed for premium Doors & Windows with good comfort and security. Luxe Series (I-60 Casement) has option to provision for safety Grill and Bug Mesh.

This Series has options of single and double glazing ranging from 5mm to 24 mm.

### CASEMENT COMPACT (VEKA - I 39)

Casement Compact Series (I-39 series) is designed for very small size casement windows with just single glazing option, of thickness 5mm or 6mm.



### MARS SERIES (VEKA – PREMIUM)

Mars Premium series is for world class, extraordinary and luxurious Windows and Doors. This series is imported from Veka Germany.

It will be designed for exceptional style with the utmost in comfort and security.



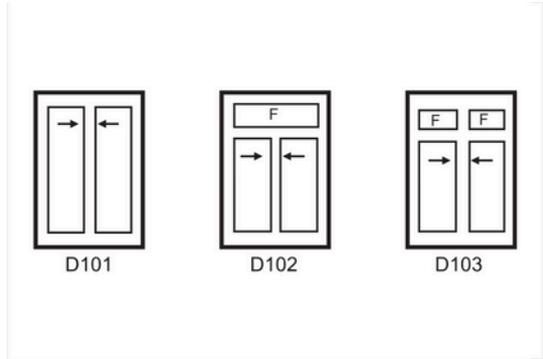
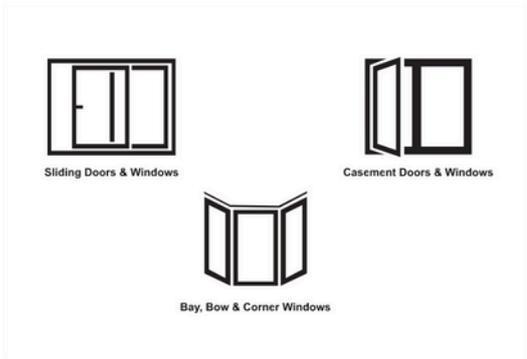


# SIX STEPS TO SELECTING YOUR UPVC WINDOW OR DOOR

## 1. Pick your window or door Style.

## 2. Select your Design

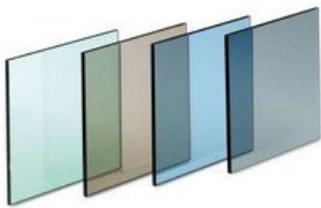
## 3. Select your Hardware



## 4. Select your Glass

## 5. Chose your frame Colour

## 6. Select your Mesh & Grill



## WINDOW ANATOMY

### Caseament Window Anatomy:



- 1. Frame | 2. Glazing | 3. Sash
- 4. Handle | 5. Hinge | 6. Gasket Seal

### Sliding Window Anatomy:



- 1. Frame | 2. Sash | 3. Popup Handle
- 4. Rollers | 5. Glazing





# WHY UPVC IS PREFERRED FOR DOORS & WINDOWS



## LONG-LASTING STRENGTH

Skylight uses profiles from Veka whose uPVC formulation and extrusion process produces superior window systems that outlast and outperform alternative materials like aluminum and wood products, corrode and rot from exposure to weather and pollution. Veka's formula includes good quantities of high grade TiO<sub>2</sub> stabilizers and impact modifiers to protect against fading from solar radiation. When put through years of weather testing in India, this formula showed its strength. Veka uPVC performed better than standard vinyl. Veka's unique uPVC formula also results in a higher than average surface gloss level. This enhanced the ability of Skylight window systems to repel dirt and retain their color.



## DESIGN OPTIONS

Skylight offers 6 uPVC window styles and 5 uPVC door styles and hundreds of design options that can bring your vision to life. This range of options is only possible with uPVC and not with alternative materials like wood or aluminum.



## SAFE & SECURE

Every skylight window is reinforced by a concealed GI section which is designed based on the wind pressure of that region, providing additional strength and stability. Making your home safe and secure.



## HEALTHIER INDOOR AIR QUALITY

The usage of high-quality wool pile along with dual layer sealing system in Skylight windows prevents dust and pollution from entering your home. This ensures the air inside your home is cleaner and healthier.



## ENERGY-EFFICIENT

The multi-chambered design of Skylight (Veka profiles) prevents the transfer of heat inside your house. This makes your house energy efficient by reducing your air-conditioning cost significantly.



## WEATHERPROOF

The TPV gasket in Wallme (Veka) windows keeps rainwater and wind away from your home, while the impact modifier provides resistance to the window during extreme weather conditions. This makes a VEKA window almost invincible in any kind of weather.



## LEAD-FREE

VEKA windows are lead-free in line with the global trend to eliminate the use of lead in the construction industry. So, you can be sure about the health of your family.



## TERMITE-RESISTANCE

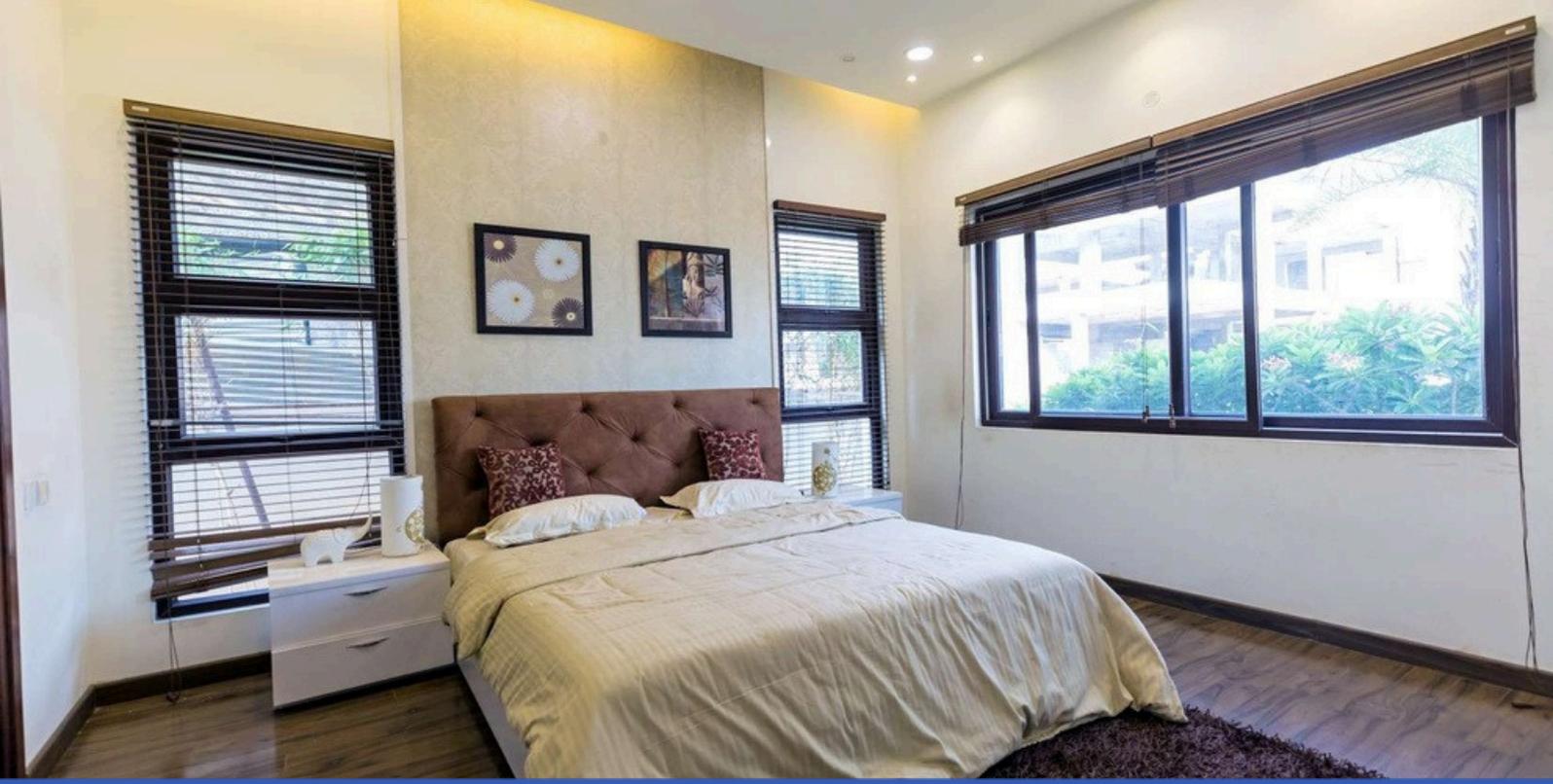
In tropical climates, wooden windows and doors are often destroyed by termites. uPVC windows and doors are fully resistant to these insects.



## SOUND-INSULATION

Sound Insulation in Skylight profile design is inherently good, it is further enhanced by steel reinforcement and by choosing appropriate glass.





## SLIDING WINDOWS



Skylight Windows is known for innovative solutions. We offer numerous options for sliding windows. These products are the perfect solution for blending indoor and outdoor living spaces. Prime Series (150), Matrix Series (160), Ultra Series (164) and Vista series (175) windows and doors are available to bring your buildings vision to life. How they work: they slide open horizontally and don't project out of the wall. View & Ventilation: Sliders offer Wide views with 40% to 70% ventilation based on the number of sashes. Insulation: Slider windows use wool pile for sealing around the perimeter of the window sash, this insulation is adequately efficient. Design Options: Sliders offer a lot of design options, 2 track, 2.5 track(2 track with bug mesh), 3 track, mono rail, combination with fixed etc. Benefits: Sliders are most popular window style in India that are economical and easy to operate.

*Double Track Sliding | Double Track with screen (2.5track) | Triple Track Sliding | Mono Rail.*





## CASEMENT WINDOWS



Offering convenience and plenty of daylight, Skylight casements when open, they create an unobstructed view and allow breeze and sunlight to move freely in and out of your home. Skylight casement windows are available in LuxeSeries (160) and Compact series that bring superior style to every type of home. How they work: Sash are hinged to frame and open at the side like a door. View & Ventilation: Casements offer wide views along with maximum ventilation as the sash open-up completely. Insulation: Due to gasket seal around the perimeter of the window sash, casements offer the most efficient sound, air and thermal insulation compared to other styles Design Options: Casements offer fewer design options like single frame single sash, single frame double sash, combination etc. Benefits: Casements offer wide view with maximum ventilation.

*Outward Opening Casements | Inward Opening Casements | French Casements | Awnings | Casement with Mesh and grill | Transom Units | Picture Combination Units.*





## FIXED/PICTURE WINDOWS

If you don't need an operating window, but still want light to enter your home, Picture windows provide an ideal solution. The glass is set directly into the frame for windows that allow light in but keeps the air out. Luxe Series (I-60) Casement Collection picture windows offer the best views. **How they work:** They designed to be looked at only, they are fixed and don't open. **View & Ventilation:** Picture windows offer wide views with no ventilation. **Insulation:** Offers efficient insulation. **Design Options :** Fixed windows offer design options either singularly or in combination with other styles **Benefits :** Great to create a window wall.

*Luxe Series Picture Windows | Compact Series Picture Windows.*





## TILT & TURN WINDOWS



Our Tilt and Turns put a modern twist on a classic European window, with special hardware that allows them to open as an in swing casement or an Awning. **How they work:** They tilt-in with one mechanism or turn-in with another operation. **View & Ventilation:** Similar to Casements, Tilt & Turn offer wide views with maximum ventilation in turn operation. **Design Options:** Tilt and Turn offer fewer design options. **Benefits:** Tilt & Turn windows are mostly used for special application.

*Tilt and Turn Windows | Combination Units.*



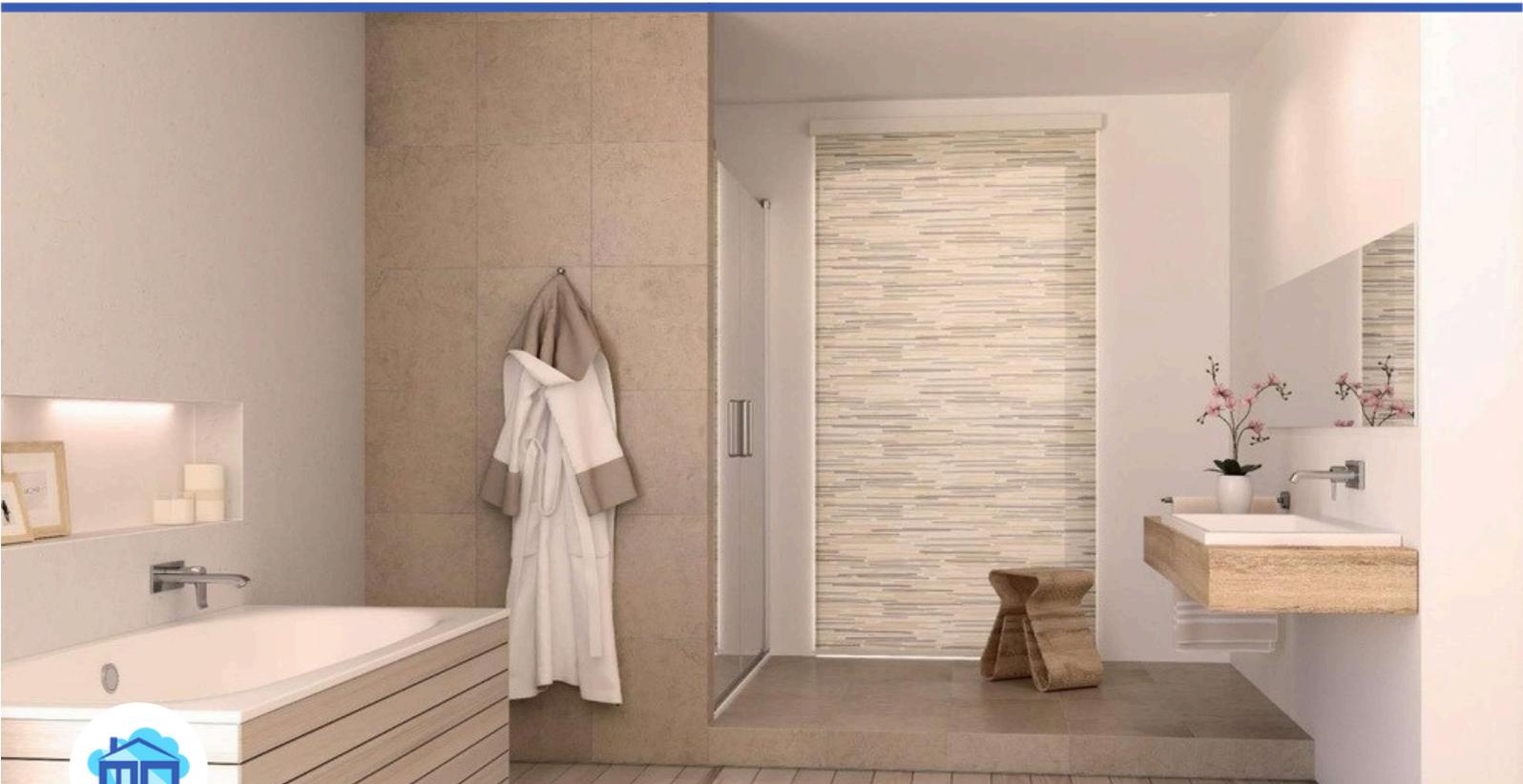


## VENTILATOR WINDOWS



If you need natural ventilation, Ventilator windows provide an ideal solution. The louvers are set into the frame for windows that allow airflow in and out. **How they work:** Ventilators have multiple angled panes of glass or upvc louvers that tilt. **View & Ventilation :** Offers no views but naturally ventilates the room by removing the moisture and odor. **Design Options:** Ventilator windows offer design options either singularly or in combination with Fixed window and with exhaust fans. **Benefits:** Naturally ventilates restrooms, kitchens and garages.

*Louvers Window | Louvers with exhaust Fan.*

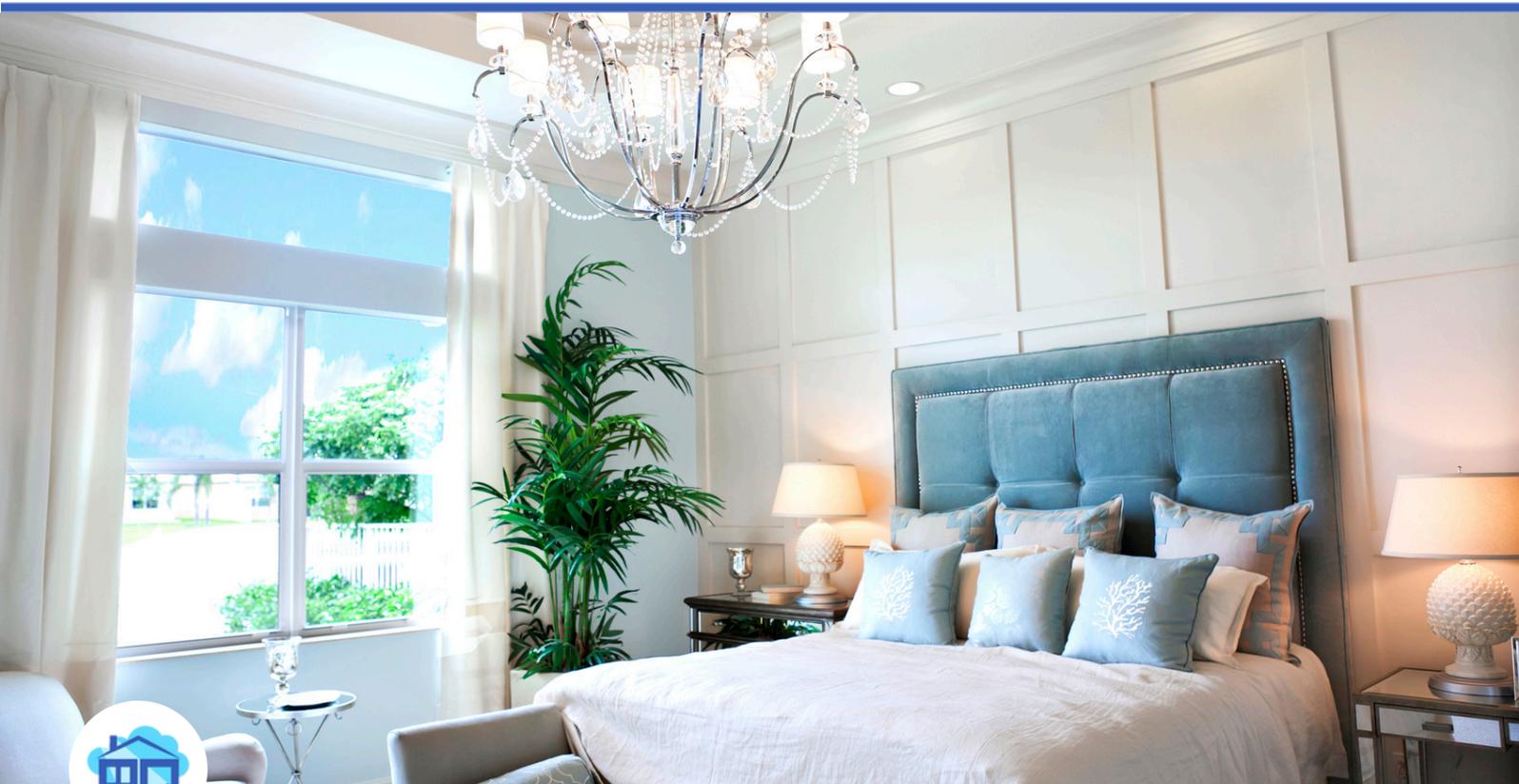




## BOW, BAY AND CORNER WINDOWS

Bow, Bay and Corner windows not only add character to a home, but can make a room feel larger bringing the outdoors in. Bow windows are an elegant way to broaden your view and allow for easy operation and ventilation. **How they work:** They are an assembly of multiple windows set into an angled or curve frame. Which project out from side of your house. **View & Ventilation:** Offer extra wide view with maximum ventilation. **Benefits:** They extend your living space by giving you light from all angles.

*Bay Windows | Bow Windows | Corner Windows.*

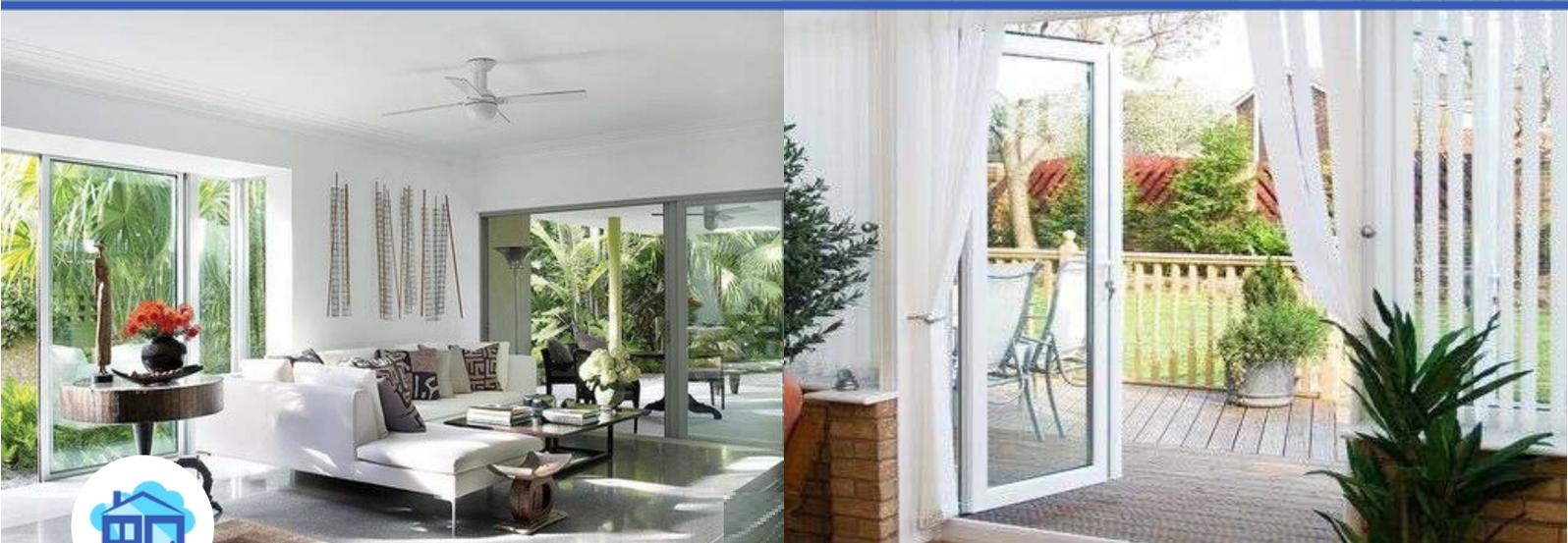




## DOORS

Skylight Windows patio doors are a great way to connect your indoor and outdoor living spaces. For large openings and expansive views, choose either Sliding, Casement, Lift & slide or Bi-fold doors. To allow for additional light and a panoramic view, mull a series of patio doors together, or include matching transoms. Stylish hardware with finishes to match any decor will add beauty and originality to your passage way. How they work: Sliding and casement doors operate similar to respective windows, Lift and slide system of levers and wheels lifts the panel off the sill enabling movement of large, heavy panels with very little effort. The Bi-fold doors possess 2 to 7 panels/sash which can be folded and stacked upon each other in a corner giving away a huge space for other usages. Design Options: Patio doors offer a lot of design options, Sliding doors, Casement doors, Lift and slide doors and BiFold doors, etc. Benefits: great way to connect your indoor and outdoor living spaces.

*Sliding Doors | Casement Doors | French Casement Doors | Lift and Slide Doors | Fold and Slide Doors(BiFold)  
Restroom Doors.*

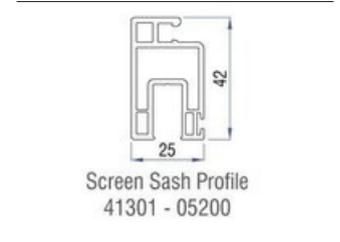
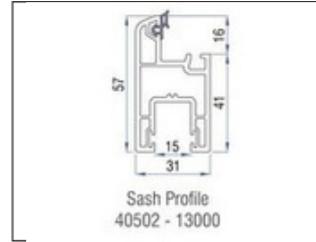
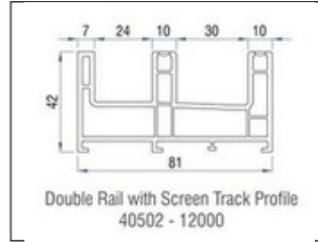
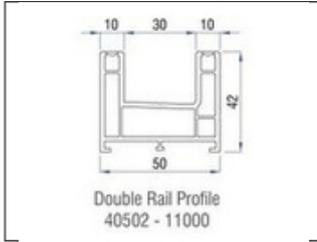




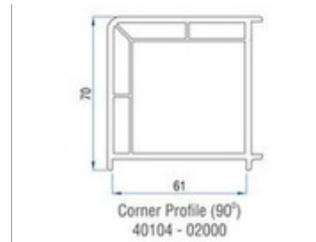
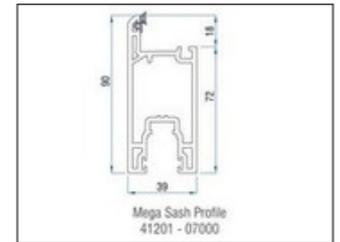
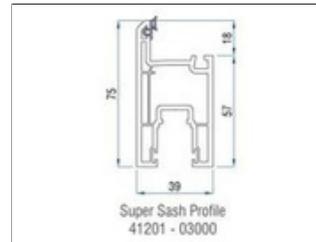
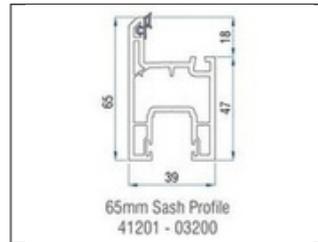
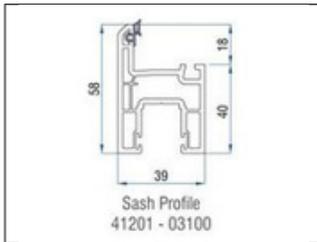
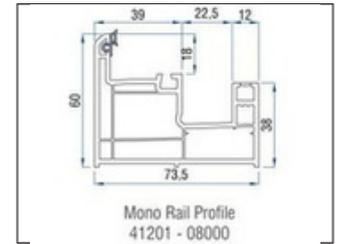
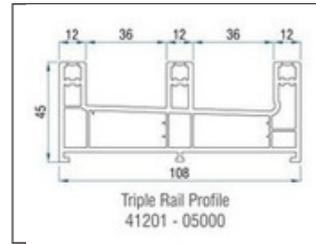
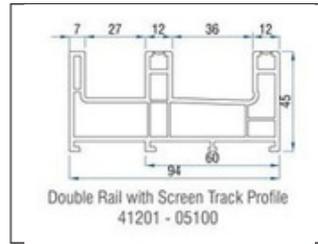
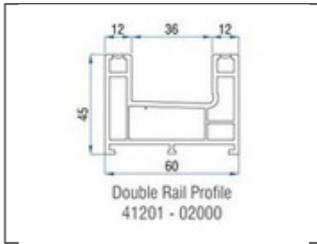


# TECHNICAL SPECIFICATION

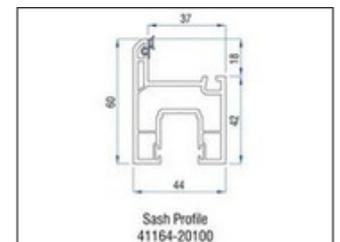
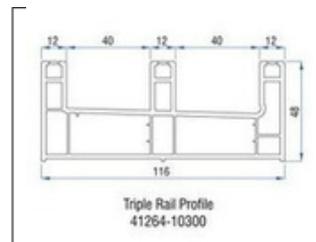
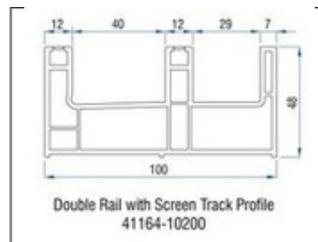
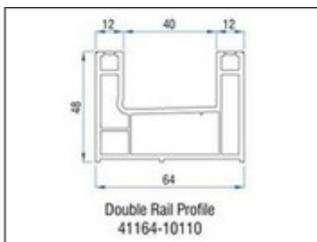
## ● SLIDING PRIME(VEKA-I50)



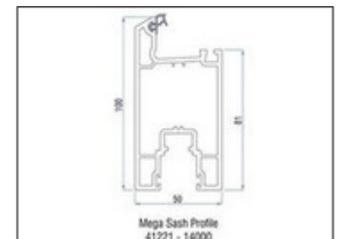
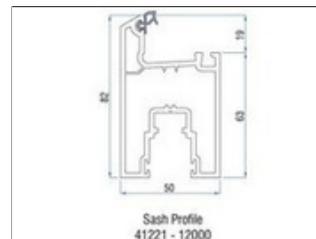
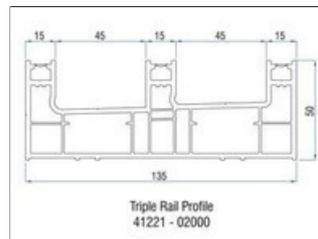
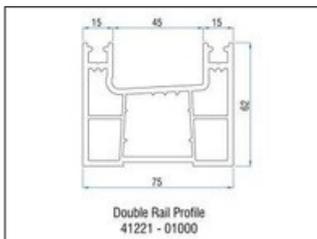
## ● SLIDING MATRIX(VEKA-I60)



## ● SLIDING ULTRA(VEKA-I64)



## ● SLIDING VISTA(VEKA-I75)



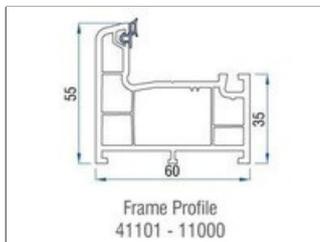


# TECHNICAL SPECIFICATION

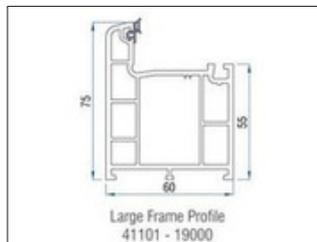
- **Number of Profile Series** : 7 series made in India, 1 Series imported from Veka Germany.
- **Profile Wall Thickness** : 2.2 to 3.0mm(varies across 8 profile series)
- **Slider Frame Width** : 44mm to 135 mm( varies across 5 slider profile series)
- **Casement Frame Width** : 39mm to 60mm(varies across 2 casement profile series)
- **G.I Reinforcement Thickness Frame** : 1.0 to 1.5mm (varies based on frame & application)
- **G.I Reinforcement Thickness Sash** : 1.2 to 2.5mm (varies based on sash & application)
- **Glass Thickness** : 5mm to 24mm for series made in India, up to 32mm for imported series.
- **Density** : ~1.45gm/cm<sup>3</sup>
- **Tensile Strength** : ~55N/mm<sup>2</sup>
- **Hardware** : Best in the class.
- **Gradient Drainage** : Yes.
- **Gaskets** : TPV(Thermo Plastic Vulcanizate) & Coextruded.
- **Suitable for Tropical climates like India** : Yes.
- **Testing Reports** : Yes.
- **Fabrication Machinery** : European Advanced CNC.
- **Profile Chambers** : Multi Chambered 3 to 7(varies based on profile series).



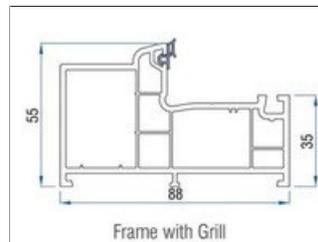
## ● CASEMENT LUXE(VEKA-I60)



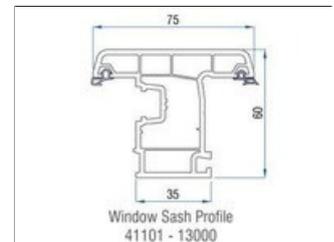
Frame Profile  
41101 - 11000



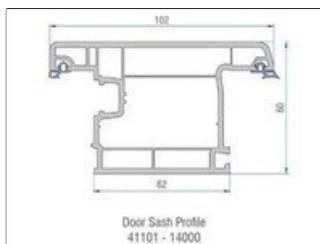
Large Frame Profile  
41101 - 19000



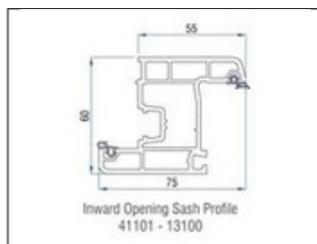
Frame with Grill



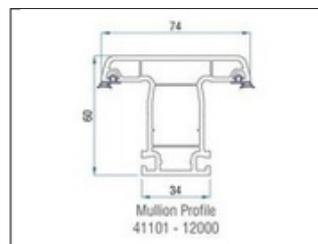
Window Sash Profile  
41101 - 13000



Door Sash Profile  
41101 - 14000



Inward Opening Sash Profile  
41101 - 13100

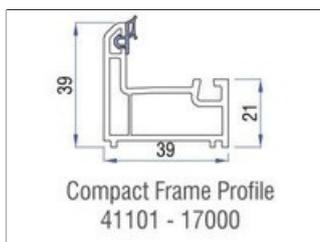


Mullion Profile  
41101 - 12000

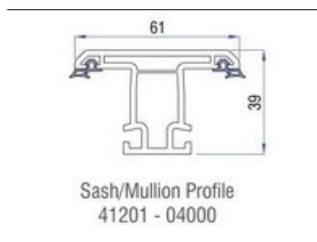


Single Glazing Bead (6mm)  
40101 - 03300

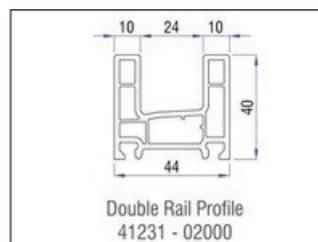
## ● COMPACT(VEKA-I44 & I39)



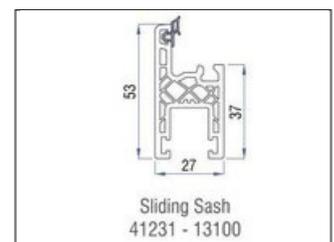
Compact Frame Profile  
41101 - 17000



Sash/Mullion Profile  
41201 - 04000



Double Rail Profile  
41231 - 02000



Sliding Sash  
41231 - 13100





Golden Oak



Rustic Oak



Mahogany



## FINISH OPTIONS

Sliding Matrix Series(Veka I60), Sliding Ultra Series(Veka I64), Sliding Vista Series(Veka I75), Casement Luxe Series(Veka I60) and Mars Series(Veka Premium) offer a world of possibilities for enhancing the appeal of your home or business with color laminates. Choose from a range of distinctive colors that look as rich as an actual painted surface or natural wood and enhance the beauty of your project, we'll do our best to achieve your vision.

Our shade collection is continuously growing as desired by homeowners and builders, the list includes Mahogany, Rustic Oak, Golden Oak. For new finish options please refer to our website.





## HARDWARE

Hardware plays a vital role in a window, it helps enhance the look, feel and functionality of the doors and windows. As important as selection of hardware is maintenance of hardware, all the moving parts should be checked at least once a year and lubricated if necessary.



### SLIDING HARDWARE:

Carefully designed touch locks & stricker on Prime, Matrix, Ultra, Vista and Mars Series sliding windows engages automatically when slider is closed offering convenient security. Also selection of sliding roller is crucial, it should be done considering sliding panel weight and size.



### CASEMENT HARDWARE

Well-crafted Push-out handles, hinges, Espagnolettes on Luxe Series Casement window offer a clean look and ease of operation



### TILT AND TURN HARDWARE

Multi-functional hardware allows the sash to swing in for access and easy cleaning, or tilt in for ventilation, all with a simple turn of the handle and tilt turn hardware set.



### LIFT AND SLIDE HARDWARE

When Lift and Slide handle is turned down, the door is effectively locked into place and weather seals compress all the gaskets to prevent air leakage. With a 180 degree turn of the door handle, the door unlocks, engaging the wheels and the door rises to glide on to the rail therefore to provide an effortless movement.

### SLIDE AND FOLD HARDWARE

The sliding track, hinges, roller casting, door lock hardware components ensure high quality installation and operational performance.



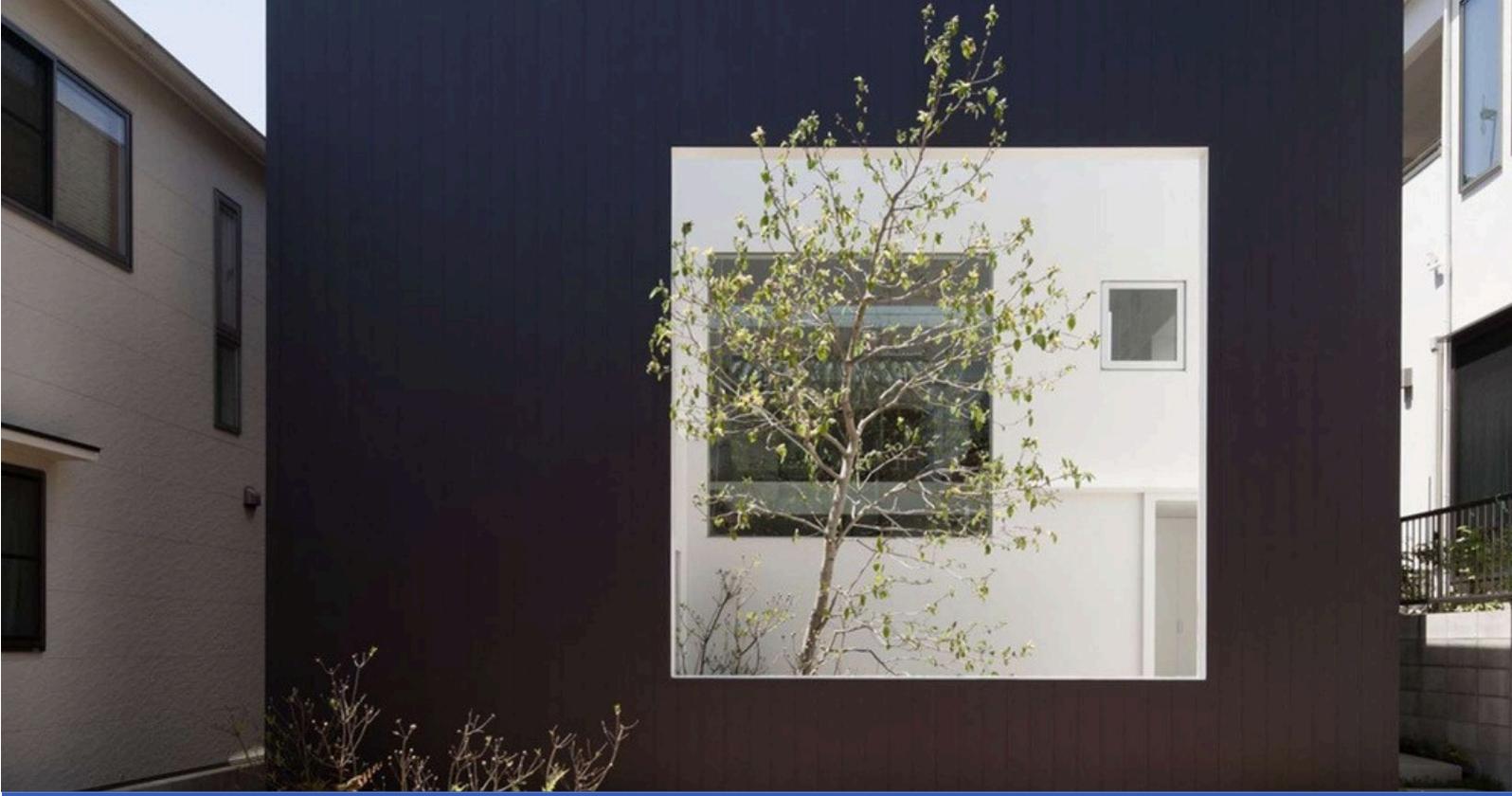
### SCREWS & FASTENERS

Carbon steel screws(self-drilling & self-tapping) with high corrosion resistant coating in various sizes for window/door fabrication, SS410 screws for friction hinges and frame anchor expansion bolt 8x100mm for installation.

### HARDWARE FINISH OPTIONS

To complement the style of your home, Skylight offers hardware options that are engineered to function effectively while matching the look you've chosen. Hardware is available in a number of finishes to best suit your decor. (White, Dark Brown, etc).



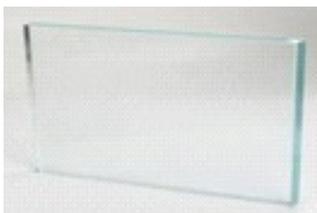


## GLASS OPTIONS

The glazing technology is changing so fast, you won't want to miss out. Naturally, we keep up with all the latest developments. So you can enjoy the best from the glazing industry.

The right selection of glass is important for your home, available in a wide variety to meet specific needs, glass not only helps in energy efficiency concerns, but lowers the overall energy costs, safety and sound insulation.

The following are few types of glasses which can be selected:-



### CLEAR GLASS

Clear glass is one of the most commonly used form of glasses.



### TINTED GLASS

Tinted glass is created by adding a thin coat or film layer on a sheet of annealed glass, giving it a slight tint. Tinted glass works wonders in reducing transference of heat and light while also adding to the privacy element.



### TEMPERED/TOUGHENED GLASS

These glasses are tempered under very high temperature, Thus making quite stronger than the normal float glass and thus increasing safety.



### REFLECTIVE GLASS

Reflective glass helps in reflecting back the solar radiation, thus taking care of thermal insulation better than tinted glass and also radiation. Also, it ensures minimum visibility from the outside.



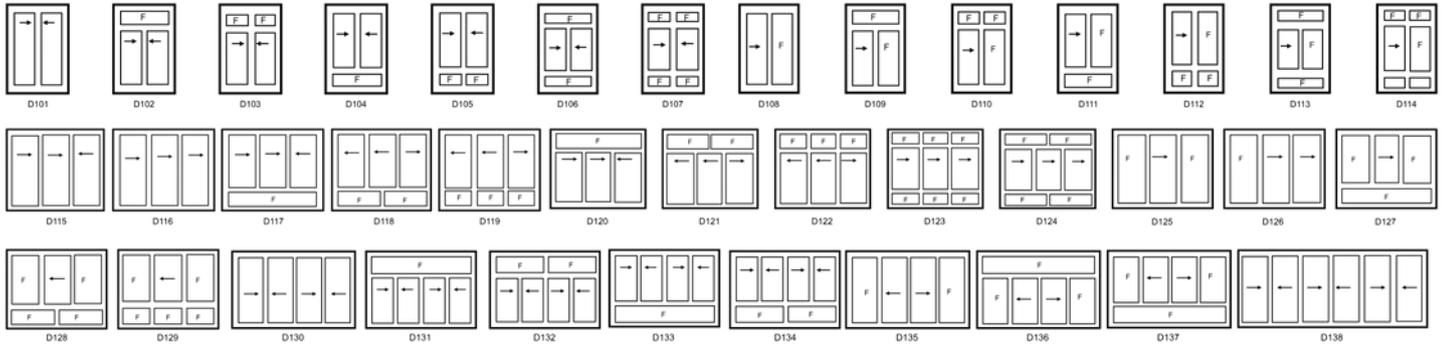
### DOUBLE GLAZED GLASS

Double glazed windows are an ideal energy efficient choice with the added benefit of minimising noise. The sealed air gap between the two panes acts as an added layer of insulation. This added thermal resistance reduces the amount of heat escaping in winter and keeps your home at a more comfortable temperature. Double glazing has the reverse effect in summer, preventing unwanted heat from coming into the home.

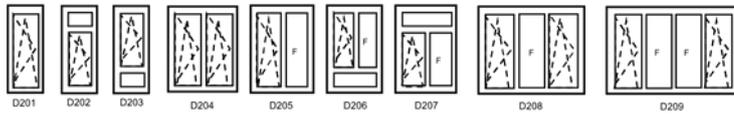


Popular Window and Door design options available for architects and home owners to choose from are given below:

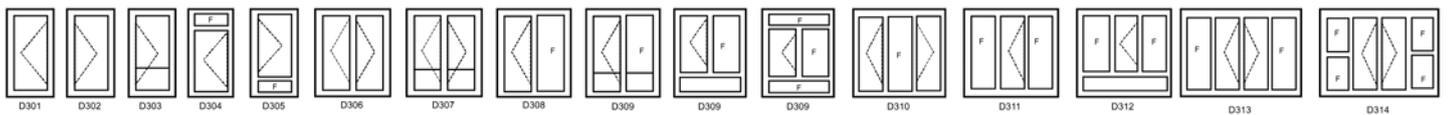
## ● SLIDING WINDOW & DOOR DESIGNS



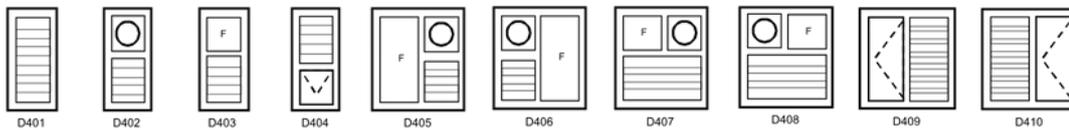
## ● TILT AND TURN DESIGNS



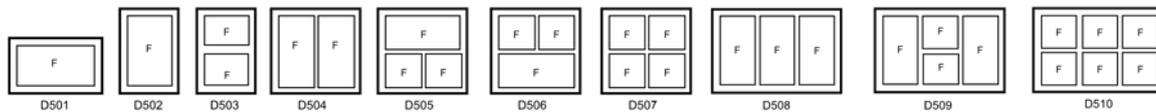
## ● CASEMENT WINDOW & DOOR DESIGNS



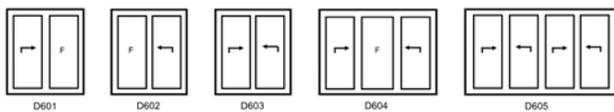
## ● VENTILATOR WINDOW DESIGNS



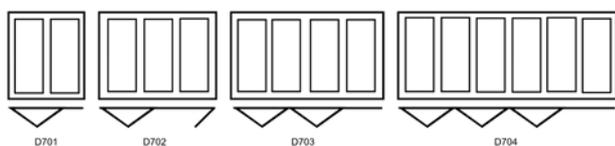
## ● FIXED / PICTURE WINDOW DESIGNS



## ● LIFT & SLIDE DOOR DESIGNS



## ● BI-FOLD (FOLD & SLIDE) DOOR DESIGNS





## PRECONDITIONS FOR SITE SURVEY



Walls that bear the Windows and Doors should be plastered both inside, outside and sill included. The floor or sill level of the opening in which the window or door shall be installed should be perfectly horizontal, and the vertical line of the opening should be shimmed to plumb level. Width of sill should be more than window frame width.

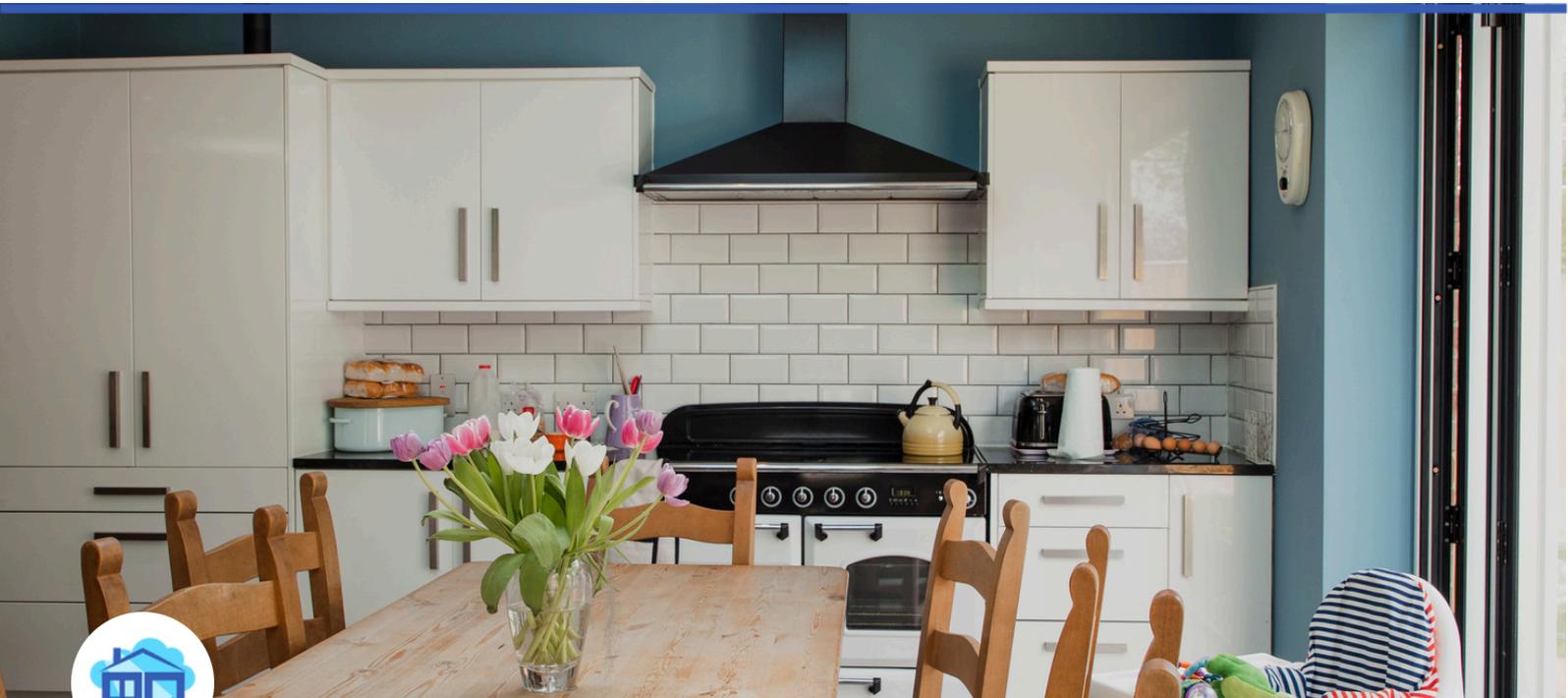
The opening is measured at three points each in width and height, the variation of 3 measurements should not be more than 10mm.

## FOR INSTALLATION



Installation shall commence only after one coat of paint is complete, No plaster of paris (pop) work should be done on the joining face of the window to wall. Safety grill have to be installed before for Sliders and inward opening windows. For Outward opening window safety grill should be installed after window installation. Scaffolding should be provided for installation alternatively silicon on the outside should be done through Painters.

*For Windows with safety grill provision, its recommended to install grills on the outside edge for ease of maintenance and repair.*





## WHY Skylight?

### ● GERMAN TECHNOLOGY

Skylight Windows uPVC profiles are a product of German engineering. Veka's uPVC formulation includes good quantities of high grade TiO<sub>2</sub> stabilizers, resin and impact modifiers to protect against fading from solar radiation. Our windows also offers weather resistance, thermal and sound insulation for your home, This makes our window almost invincible in any kind of environment.

### ● FLEXIBLE DESIGN OPTIONS

Skylight Windows and Doors are custom designed for India and offer large product line. Which means the customer has numerous style, design, shape, size and colour options are possible with Skylight.

### ● END-TO-END SOLUTION

Skylight Windows has craftsman are trained in fabricating different types of doors & Windows. They provide end-to-end service right from suggesting the right profiles to fabricating them and then finally installing them. So that you do not have to worry at any stage.

### ● UNMATCHED SERVICE QUALITY

Skylight Windows offers superior installation and after sales service.

## WARRANTY



Skylight Windows shall provide warranty for a period of ten years against any manufacturing defect in the profiles and color changes Delta-E not exceeding 5.

## PARTNERS

Skylight Windows has collaborated with select brands that enable us to offer our residential and commercial customers windows and doors to meet virtually any style or budget.

