

"May your walls know joy;  
May every room hold laughter  
and every window open to great possibility"

- Mary Anne Radmacher - Hershey

**PROMINANCE**  
UPVC WINDOW SYSTEMS

AUTHORIZED  
WINDOW PARTNER

**ecotech**  
Windows and Door Systems

**PROMINANCE WINDOW SYSTEMS (P) LIMITED**

SF.No. 207/1 B & 1 C, Selakaraichal Road Appanaickenpatti, Sullur, Coimbatore 641 402. Tamilnadu, India

INDIA | SOUTH AFRICA | AUSTRALIA | SRILANKA | NEPAL



Enquiry (Whatsapp): +91 8329629513

Sales: +91 9604433443

+91 9890444839

[www.ecotechupvc.com](http://www.ecotechupvc.com)



Aesthetic Outlook.  
Robust Soul.



**Weather+**  
window series



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The window  
to a whole  
new world



Inventa Sliding Window

See the world with  
new eyes

Architectural aesthetics evolve with time. Taste and design pervade every aspect of a building right from the facade to the interiors. The contemporary approach has been to seek a fine balance between form and function.

An approach that we approve of, through our select line of uPVC windows & doors.

## Welcome to Prominence

"Let there be many windows to your soul, that all the glory of the world may beautify it" - Ella Wheeler Wilcox.

Ushering in a new era in construction and fast becoming the preferred choice in building materials are UPVC windows and doors. Overcoming the obvious disadvantages of its previous counterparts, UPVC is here to stay...Aesthetic, Builders' choice, Cost-effective, Durable, Energy efficient, so on and so forth - it comes with a multitude of advantages. What's more, with its 'fit and fix' nature, you no longer have to deal with carpentry hassles!

Discover the world of UPVC windows & doors.  
Discover Prominence...

## Vision Statement

Our Vision is to Provide Best Window system by adhering to Top notch Quality, Constant Innovative developments and Provide Enhanced support system that adds Value to our business associates.

## Quality Policy

Prominence is committed to deliver customer delight product and solutions, strives to achieve manufacturing excellence with compliance of international quality standards through visionary leadership and total organisation's commitment and involvement.



## Built for Prominance

Cutting edge manufacturing processes on par with the world’s finest.

Strenuous Indian conditions demand that UPVC installations are robust enough. Prominance window systems are aimed to accomplish that through state of the art manufacturing processes overseen by top-tier talent and ensuring best practices.

### Quality raw materials for world class products

In line with our quality policy, only the best inputs can give us the best outputs, thus quality construction begins with quality choice of materials. The finest grades of additives arrive from across the world which are widely considered as World’s Best Grade for uPVC profiles.

## Testing for strength and longevity

### Quality control processes and tests

Research and testing that adheres to international standards is one of our key features. A fact that enables us to consistently maintaining the set benchmarks. Internal quality compliances have been met as per EN 12608 Standards.

Following aspects were closely checked to ensure fine quality

- Dimensional Accuracy (Face flatness, squareness, angle & radius)
- Colour
- Determination of the Appearance
- Determination of Profile Mass
- Straightness
- Heat Reversion (EN 479)
- Heat Ageing (Behavior after heating) (EN 478)
- Resistance to Impact by falling mass (EN 477)

Accreditation from renowned organizations from Europe, for Accelerated Weatherability Test (Artificial weathering up to 19000 hours) and Mechanical properties & Chemical composition of our formulation.



| Properties as per European and Indian Standrads (EN 12608-1:2016 ) | Range                                | Result       | Accreditations from    |
|--------------------------------------------------------------------|--------------------------------------|--------------|------------------------|
| Charpy impact strength ( BS EN ISO 179 - 2 : 1999 )                | Not less than 20 KJ/m²               | 74.5 KJ/m²   | SKZ - Germany/BSI - UK |
| Vicat Softening Temperature ( BS EN ISO 306 : 1997 )               | Not less than 75 °C                  | 80 °C        | SKZ - Germany/BSI - UK |
| Flexural Modulus of Elasticity ( BS EN ISO 178 : 2003 )            | Not less than 2200 Mpa               | 3070 Mpa     | SKZ - Germany/BSI - UK |
| Tensile Impact stength ( BS EN ISO 8256: 1997 )                    | Not less than 600 KJ/m²              | 934 KJ/m²    | SKZ - Germany/BSI - UK |
| Weld Strength ( BS EN 514 : 2000 ) - Individual Specimen           | Not less than 20 Mpa                 | 25.32 Mpa    | BSI - UK               |
| Accelerated Weathering (DIN EN 12608-1:2016-08)-On going           | Δ E not more than 5                  | 2            | SKZ - Germany/BSI - UK |
| Heat Reversion, Resistance to Impact, Behaviour after 150 °C,      | To comply as per EN 12608 - 1 : 2016 | Pass         | BSI - UK               |
| RoHS ( Directive 2011/65/EU )                                      | Lead should not be detected          | Not detected | SGS                    |
| Flammability (UI94)                                                |                                      | V0           | CIPET                  |
| Thermal Conductivity ( ASTM E - 1530 )                             |                                      | 0.137 W/mk   | CIPET                  |
| Density ( ASTM D 792 )                                             | Not to Exceed 1.5 g/cc               | 1.46 g/cc    | CIPET                  |



FEATURES

The finest in **form & functionality**

Casement windows

Sliding windows



**FUSION WELDED JOINTS**

The corners and joints are welded together for close packing and greater strength.



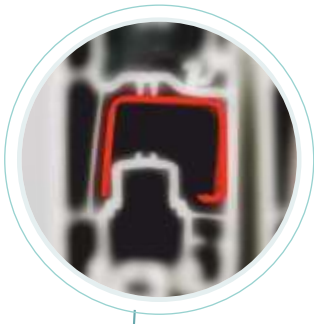
**EPDM – WEATHER BLACK BEADING**

The window seals ensure tight sealing and enhance airtight packing. They arrest noise and water leakage.



**MULTI CHAMBERED**

Impact strength and durability of the windows are ensured with a number of multi-chambered sections.



**STEEL REINFORCEMENT - RED COLOUR**

Hot dip galvanized to 125 GSM and corrosion free, the steel reinforcement adds strength to the windows



**MULTI POINT LOCKING**

To hold the windows strongly with increased security, preventing noise, air and water leakage



**GLAZING SYSTEM**

Single, double and triple glazing options for arresting noise & energy loss along with air tight sealants with suitable space-bar.



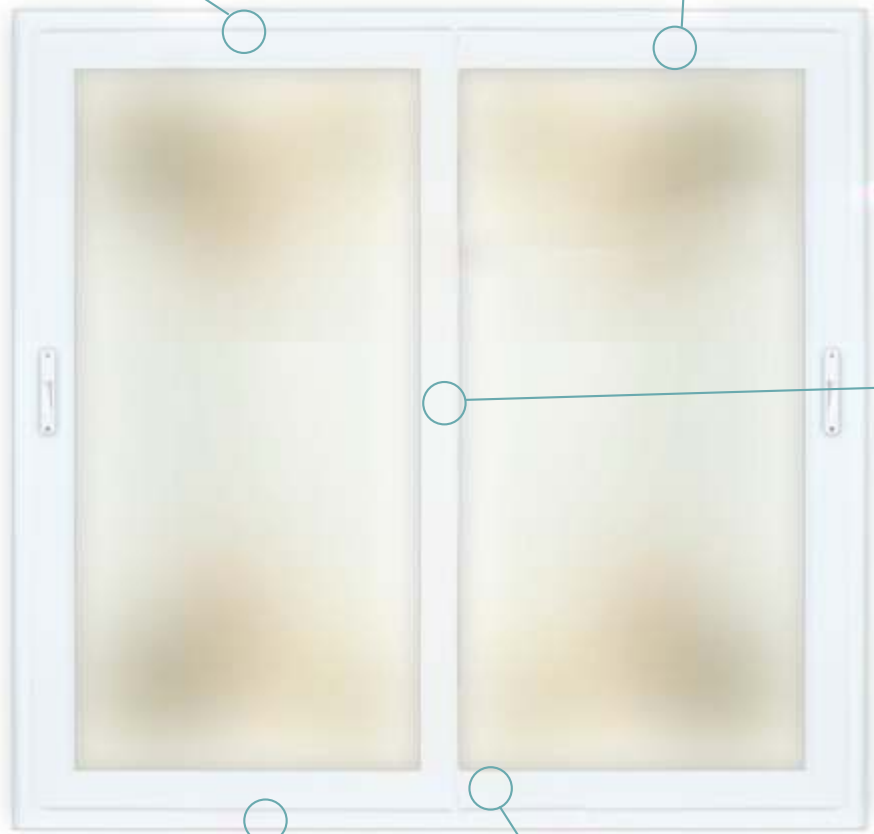
**FRICTION STAY**

It is the connection mechanism between sash & outer frame and enables opening of the window to the desired size.



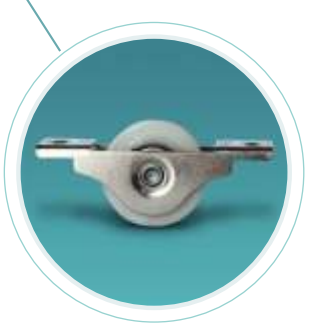
**DRAIN HOLES**

It prevents water spilling inside by providing separate drainage chambers to drain out the water



**WEATHER SEAL**

Helps to provide a water tight seal and also provides a wind and draught tight seal.



**SLIDING ROLLER**

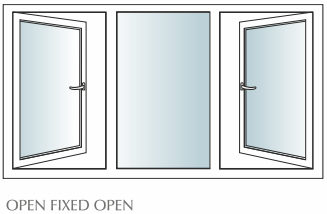
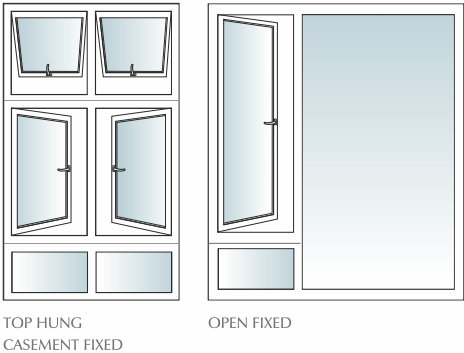
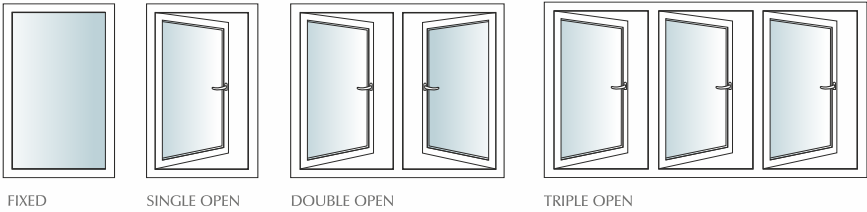
The windows come equipped with slider rollers that ensure smooth manoeuvrability as well as durability.

# Casement Windows & Doors



## Casement Windows

This system is designed for more strength and better performance with twin gasket sealing. The gasket sealing coupled with multi point lock ensures tight closure with no gaps for proper sealing, thermal and acoustic performance. Thicker Mullion profiles with reinforcements ensures sturdiness against heavy wind load. Our mullions & transoms with external strengthening bars ensures that we can design large size windows with required wind load resistance.



**Inventa Series**  
for large opening windows.



**Optima Series**  
for smaller opening windows.



**Inventa Casement Door**



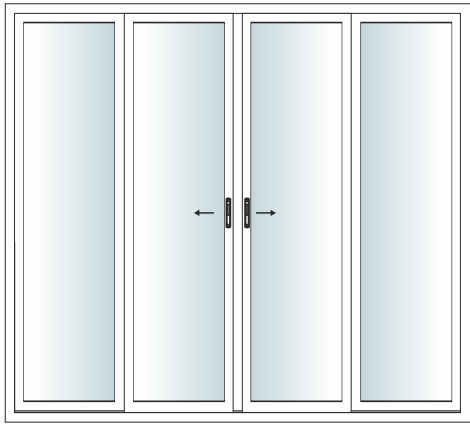
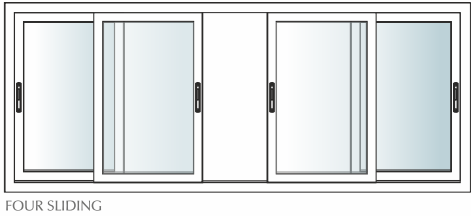
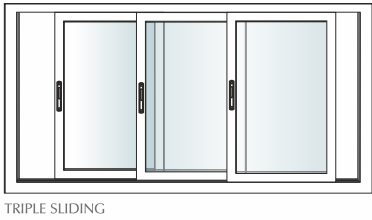
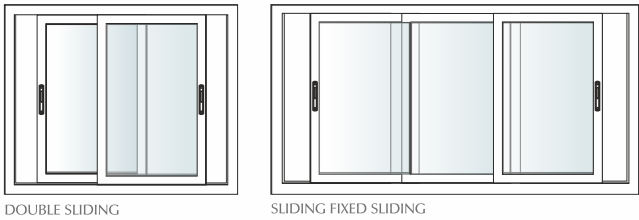
AND MANY MORE OPTIONS AVAILABLE.

# Sliding Windows & Doors



## Sliding Windows & Doors

Sliding Windows work with the 'ride over' mechanism. Made up of two (or more) shutters that slide to the left and right horizontally on tracks, the windows can be made wider and taller with the addition of shutters. Sliding windows comes with an option of bug screen in a separate track.



AND MANY MORE OPTIONS AVAILABLE.

**Inventa Sliding**  
for opening windows.



**Optima Sliding**  
with Bug mesh



**Sliding Door**



Look out for a  
World of benefits...



DURABILITY

Prominace windows do not warp, twist or split. Impact modifiers in our proles are treated with special additives making them long lasting.



TERMITE & CORROSION RESISTANCE

Prominace windows are termite and corrosion resistant. Salts, acids, alkali and waste gases cannot corrode the window systems.



SOUND INSULATION

Not only do they provide thermal insulation but also special sound insulation. Double glass units can help in sound reduction up to 30 Db.



MAINTENANCE FREE

Prominace windows are virtually dirt resistant and easy to maintain with normal soap water.



IAQ

Indoor Air Quality(IAQ) can be maintained by avoiding interior energy loss. Prominace windows reduce energy loss by over 30% thereby reducing energy costs.



BUG MESH OPTIONS

Mosquitoes and other bugs are a big menace. To Protect against Insects, We have bug mesh option available for our sliding systems.



IMPACT RESISTANCE

Prominace windows are uniquely designed and specially formulated to withstand high impacts during handling and installation.



FIRE RETARDANT

Prominace windows are fire retardant. During fire, once source of re is removed, a carbonaceous layer is formed stoping the spread.



AESTHETICS

Prominace windows are adaptable to develop attractive designs, ranges and wooden finish laminated proles.



EXCELLENT COST BENEFIT RATIO

uPVC proles save a lot of costs in terms of maintenance & saving energy when compared to Timber frames which are approximately 40% - 50% more expensive.



UV RESISTANCE

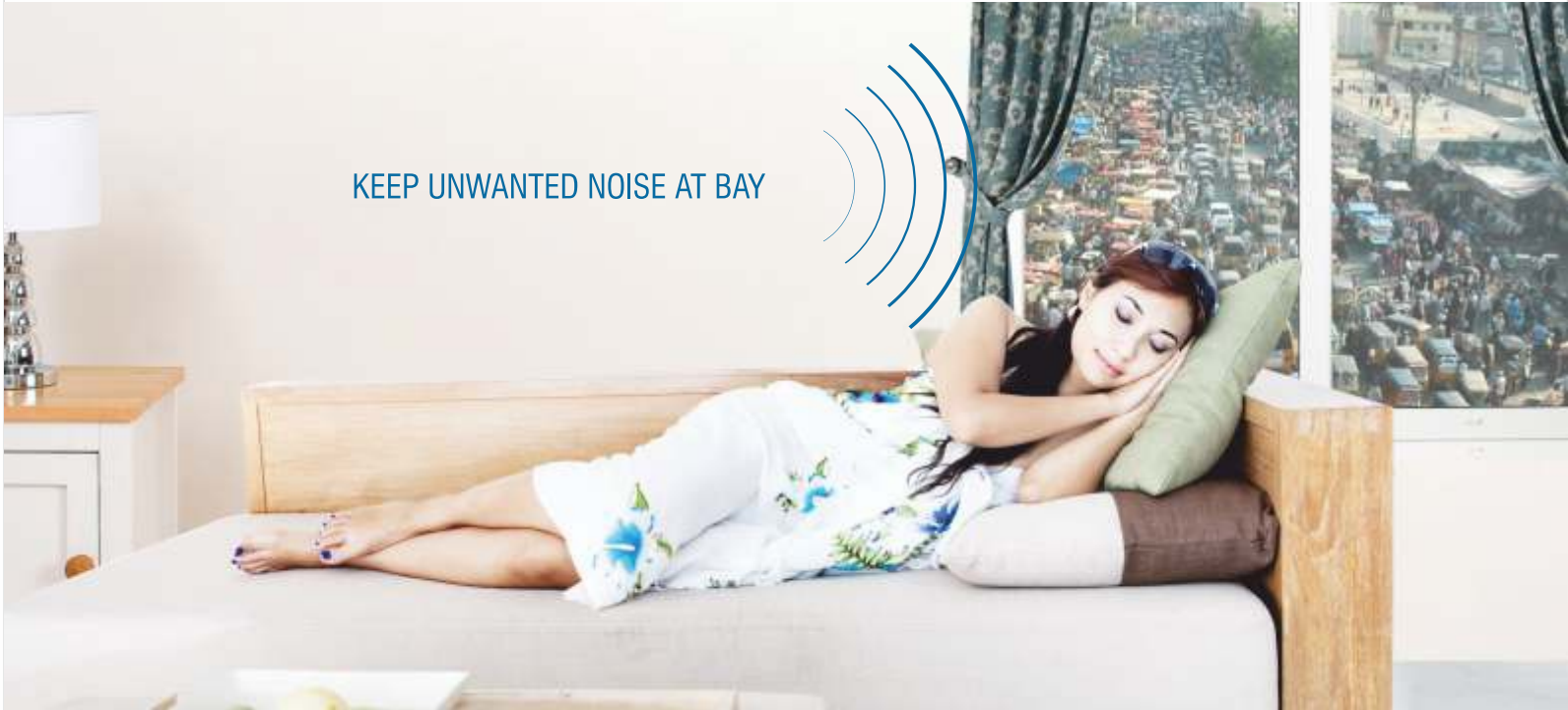
Prominace windows offer 100% UV resistance with the right amount of TiO2, which helps in retaining whiteness against exposure to the sun.



DESIGN FREEDOM

A creative assortment of proles mix-matched with combinations like bays, coupled windows, combination windows, etc. is our forte.

Sound Reducing  
Windows



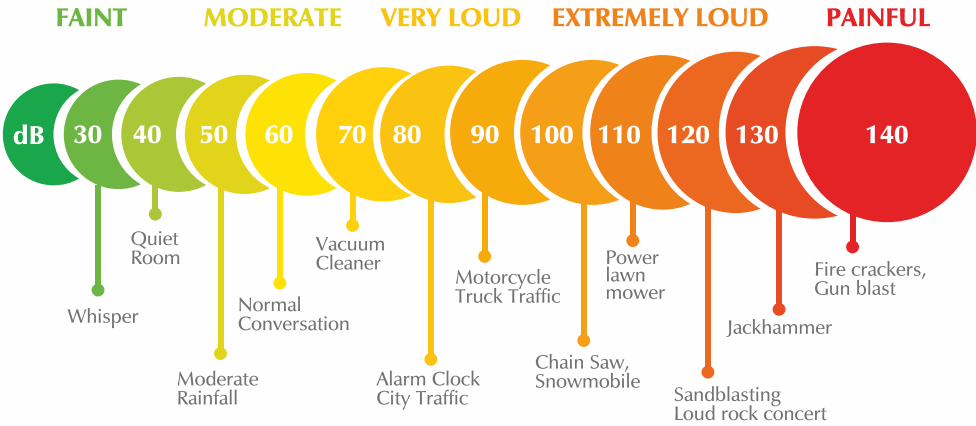
KEEP UNWANTED NOISE AT BAY

Effective Sound Insulation

Keep unwanted noise at bay with our prominace window systems. Specially designed to reduce the amount of sound entering or escaping from your home, they also add an additional layer of security. These windows are ideal for the preset busy lifestyle - or simply if you want to enjoy a quiet life!

Prominace windows are engineered to reduce sound transmission. The Multi chambered profiles, fusion Welded joints, Multipoint locking mechanism, and dual compression gaskets ensure that there is no sound infiltration. When combined with recommended Glazing & Hardwares, Prominace window system can insulate your indoors from unwanted sounds upto 40 db.

| Recommended interior noise levels |       |
|-----------------------------------|-------|
| Environment                       | dB    |
| Library                           | 30-40 |
| Bedroom                           | 30-40 |
| Classroom                         | 35-40 |
| Living room                       | 40-45 |
| Private office                    | 40-45 |
| Open office                       | 45-50 |



Decibel Comparison Chart

GO GREEN, SAVE MORE...

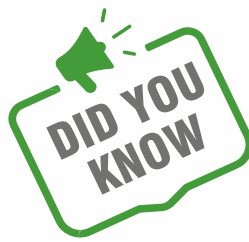
Save your electricity cost by  
**30%**



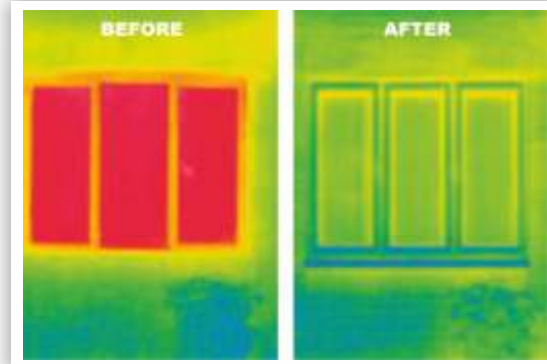
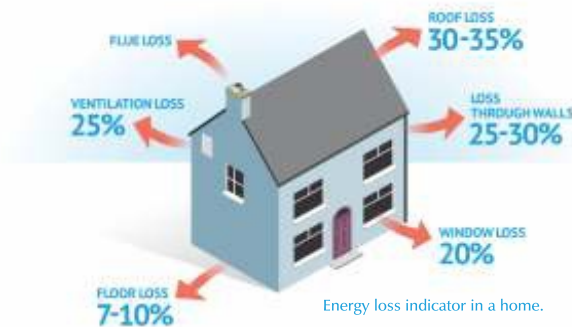
## Energy Saving

Windows typically occupy about 15 to 20 percent of the surface area of the walls. Windows not only add aesthetic looks and often a very important aspect of a home, but also a very significant component of home heating and cooling costs. Poor windows lose more heat per square foot of area in winter and gain more heat in summer than any other surface in the home.

Today, prominence have changed the energy performance of windows in a radical way. Prominence energy efficient window systems will make your home more comfortable, dramatically reduce your energy costs and help to create a brighter, cleaner, healthier environment by reducing your carbon footprint.



That poorly insulated windows and skylights can cause a loss of up to 30% of your home's cooling cost during the summer?



Thermal image of house window showing large heat loss as indicated in red.

Same window fitted with new uPVC window showing no heat loss in green.

## Wind load

### Strength against the storming winds

India is divided into 6 zones based on the wind speed data maintained at various weather stations across the country. The wind speed data is available for the 3 second short durations and long duration as well which is collected over last 50 years. Normally this short duration wind speed is called as basic wind speed and have a probability of once in 50 years.

### Some of the factors that determine wind load are:

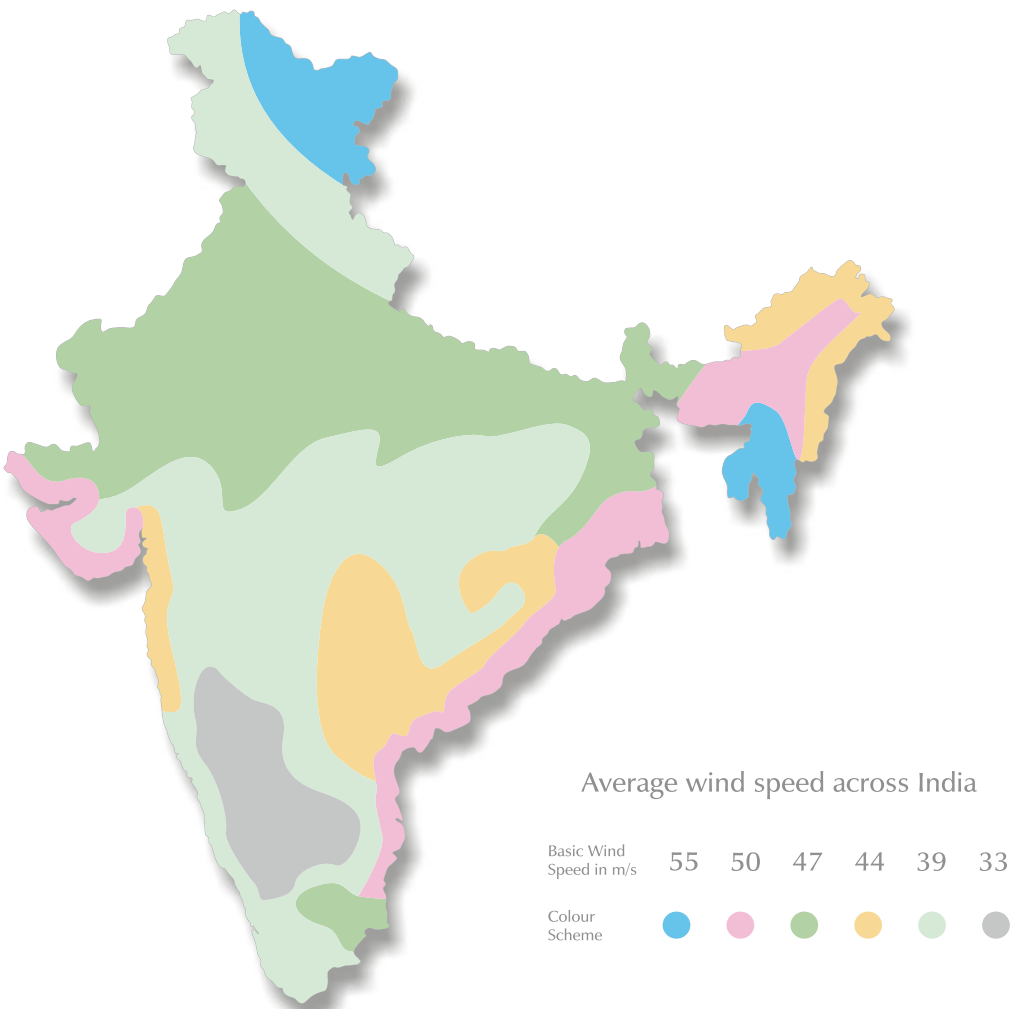
- Basic wind speed as per the geographic location.
- Height of the structures.
- Geometric shape of the building.
- Slope of the ground near structure.
- Life of glazing / structure desired.

Keeping these factors in mind we design and develop the profile to offer maximum stability and durability.

Below is a list of Main Indian cities along with tentative different wind loads at different heights. These are assumed at middle of city.

|           | Upto 5 <sup>th</sup> floor | 5 <sup>th</sup> to 10 <sup>th</sup> floor | 10 <sup>th</sup> to 15 <sup>th</sup> floor | 15 <sup>th</sup> to 30 <sup>th</sup> floor |
|-----------|----------------------------|-------------------------------------------|--------------------------------------------|--------------------------------------------|
| Delhi     | 1559 Pa                    | 1862 Pa                                   | 2078 Pa                                    | 2386 Pa                                    |
| Mumbai    | 1366 Pa                    | 1631 Pa                                   | 1821 Pa                                    | 2091 Pa                                    |
| Kolkatta  | 1764 Pa                    | 2107 Pa                                   | 2352 Pa                                    | 2700 Pa                                    |
| Bangalore | 768 Pa                     | 918 Pa                                    | 1025 Pa                                    | 1176 Pa                                    |
| Chennai   | 1764 Pa                    | 2107 Pa                                   | 2352 Pa                                    | 2700 Pa                                    |

All these wind load units are accommodated with Prominence Optima and Inventa System



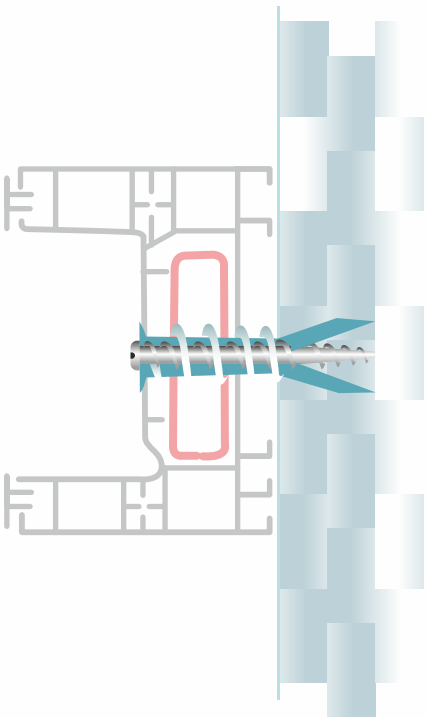


# Efficiency that Exceeds your expectations...

The process of installation starts from the site survey during plastering work of the building. Measurements are taken in height, width and diagonal with the advice of the site engineers.

The sizes and designs of windows with the appropriate placements are confirmed with the engineer. The installation windows are positioned exactly with the tube level and plumb level. They are perfectly screwed with hanger fastener screws using hammering machines so that the windows hold on strongly to the walls. They are then sealed properly with silicon sealant that ensures tight packing, without any clearance.

Our relationship with our customers doesn't stop with the sales & installation process; in fact, it is then that it begins. We understand the paramount importance of after-sales service and the impact it has on building a long-term customer rapport. Hence to deliver timely and prompt services, we have an experienced and efficient service team for post- sales services.



Usage of Anchor Fastener

Word cloud containing various product features and benefits such as: DURABILITY, 100% RECYCLABLE, MAINTENANCE FREE, AESTHETICS, HIGH WEATHER RESISTANCE, SOUND INSULATION, IMPACT RESISTANCE, TERMITE & CORROSION RESISTANCE, UV RESISTANCE, INDOOR AIR QUALITY, FIRE RESISTANCE, and DURABILITY.



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