

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

- Mary Anne Radmacher - Hershey

### PROMINANCE WINDOW SYSTEMS

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

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Aesthetic Outlook.  
Robust Soul.



**Weather+**  
window series



**PROMINANCE**  
UPVC WINDOW SYSTEMS

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.

Precision crafting for the finest structures



## 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)

Tested by Standards Certified by Quality



Accreditation from renowned organizations from Europe, for Accelerated Weatherability Test (Artificial weathering up to 25000 hours) and Mechanical properties & Chemical composition of our formulation.

Properties as per European and Indian Standards (EN 12608-1:2016 )	Range	Result	Accreditations from
Charpy impact strength ( BS EN ISO 179 - 2 : 1999 )	Not less than 20 KJ/m <sup>2</sup>	74.5 KJ/m <sup>2</sup>	SKZ - Germany/BSI - UK
Vicat Softening Temperature ( BS EN ISO 306 : 1997 )	Not less than 75°C	80°C	SKZ - German /BSI - UK
Flexural Modulus of Elasticity ( BS EN ISO 178 : 2003 )	Not less than 2200 Mpa	3070 Mpa	SKZ - Germany/BSI - UK
Tensile Impact strength ( BS EN ISO 8256: 1997 )	Not less than 600 KJ/m <sup>2</sup>	934 KJ/m <sup>2</sup>	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)	Δ E not more than 5	1.6	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 (UL94)		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



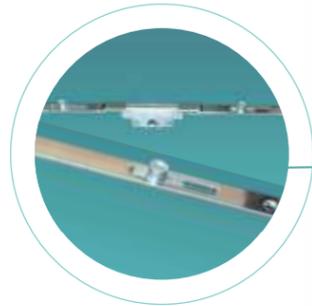
#### FUSION WELDED JOINTS

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 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.

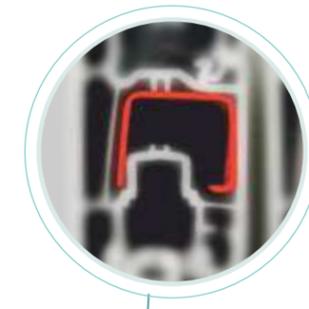


### Sliding windows



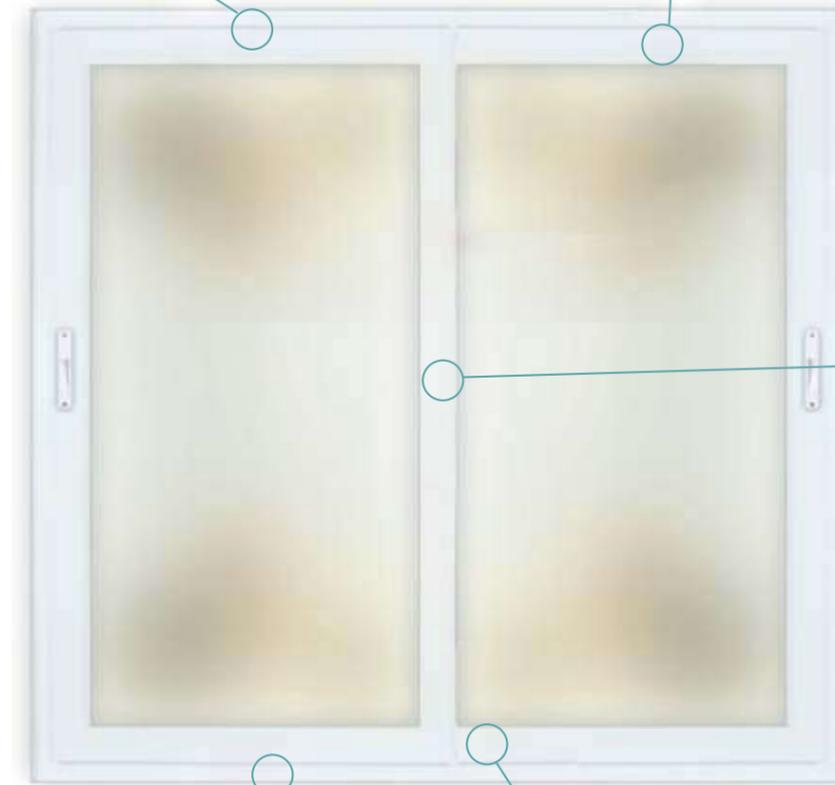
#### MULTI CHAMBERED

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



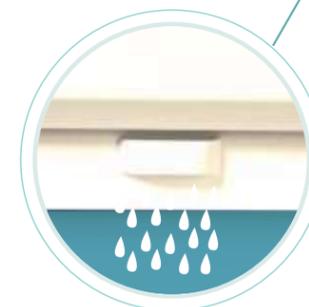
#### STEEL REINFORCEMENT - RED COLOUR

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



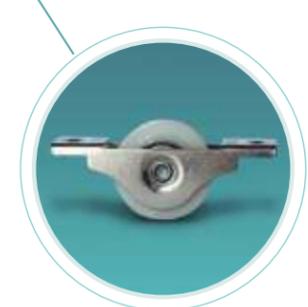
#### WEATHER SEAL

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



#### DRAIN HOLES

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



#### SLIDING ROLLER

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

# Casement Windows & Doors



Inventa Casement Window

## 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.

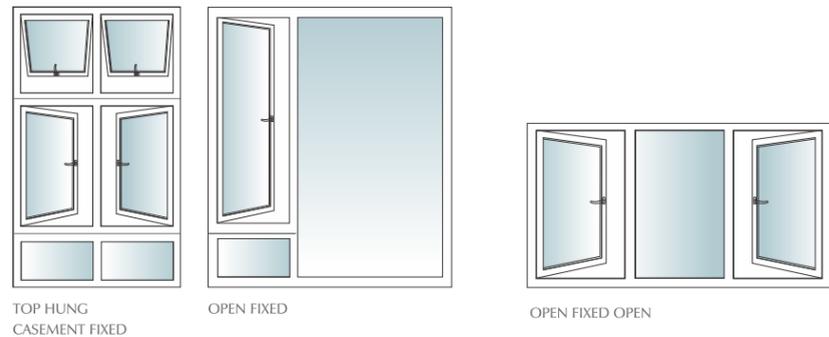
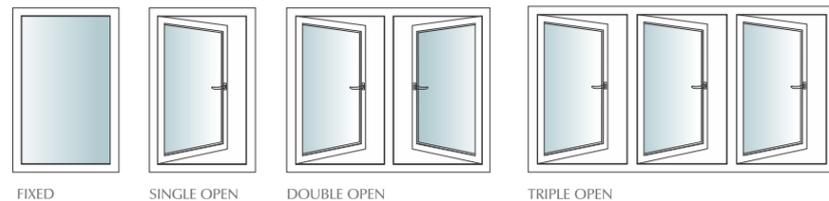
**Inventa Series**  
for large opening windows.



**Optima Series**  
for smaller opening windows.



**Inventa Casement Door**



AND MANY MORE OPTIONS AVAILABLE.

# Sliding Windows & Doors



Optima Sliding Window

## 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.

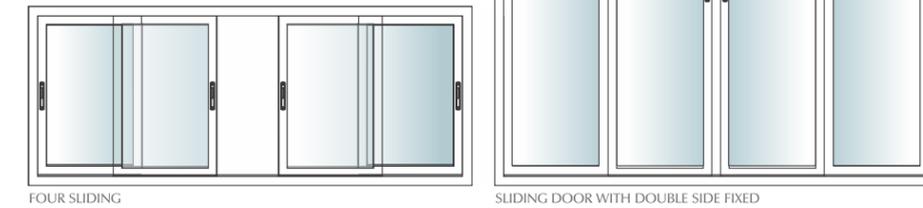
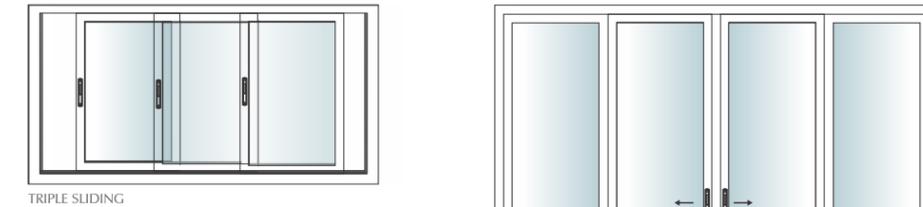
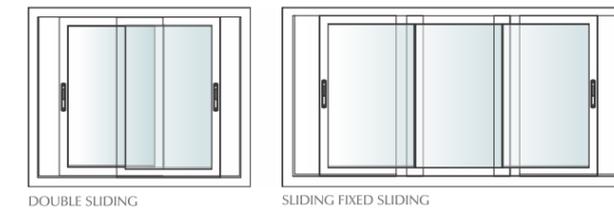
**Inventa Sliding**  
for opening windows.



**Optima Sliding**  
with Bug mesh



**Sliding Door**



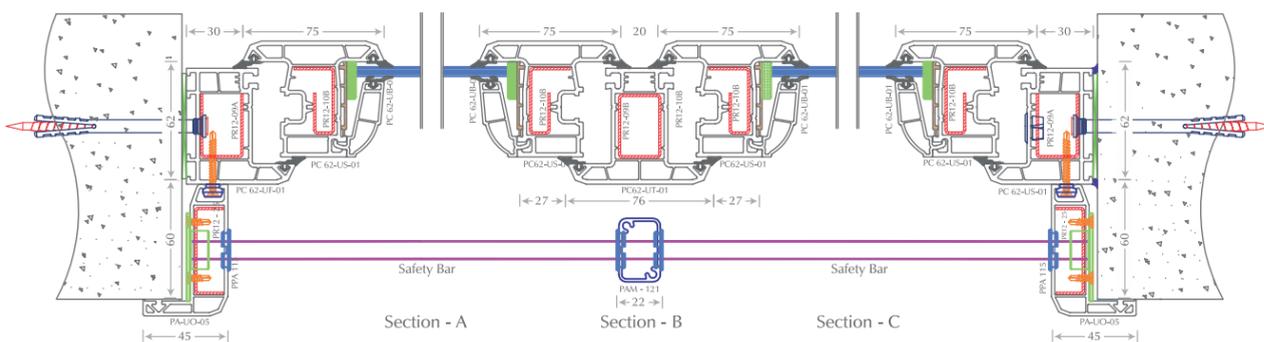
AND MANY MORE OPTIONS AVAILABLE.

## Inventa Sill Grill



Prominence has taken this very internal sills that's magnificent and has now turned it to something exemplary. We have come up with something called the Sill Grill. The Sill Grill does not only give your house an extraordinary look but also protects you from danger. The innovation of built-in grills in the internal sills has taken the age-old design into a completely different dimension of utility. Worrying about the wall embedded grills that made your house look a bit off will now be a thing of the past with our new Sill grill in the market. The Sill Grill system can be installed in our both casement and sliding system.

With all the good news, we're also proud to announce that this Prominence original has also earned itself a patent (**Patent application number: 201941039278**) by exhibiting its unusual problem-solving abilities in the most unique of ways.

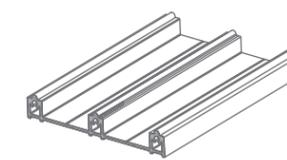
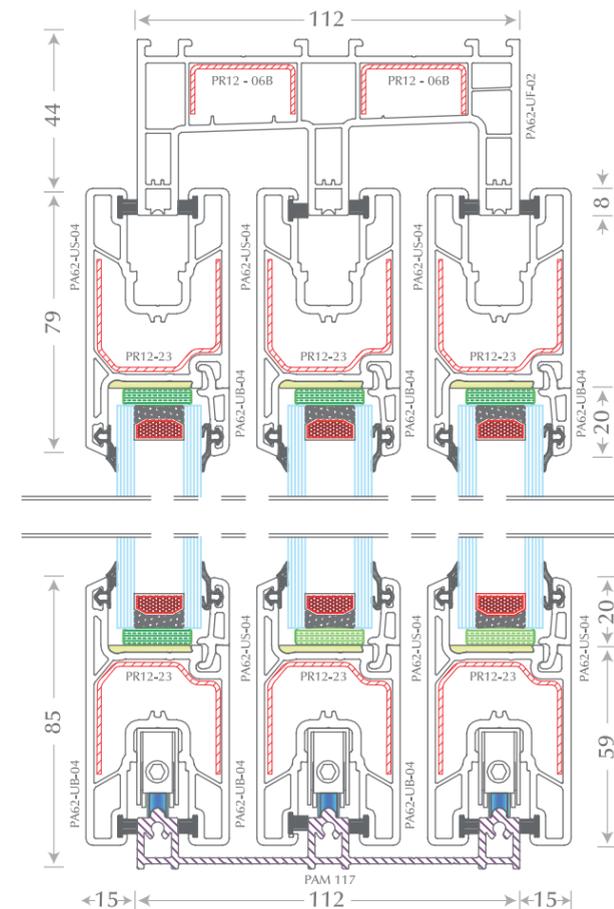


## Low Threshold

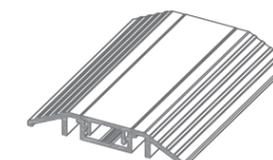
uPVC threshold been a huddle for big size casement and sliding doors, were you have to jump over every time when crossing it, so Prominence have come up with smart design solution called Low threshold for both casement and sliding system. It's a complete concealed system, manufactured in Aluminum to withstand heavy load.

### Advantages

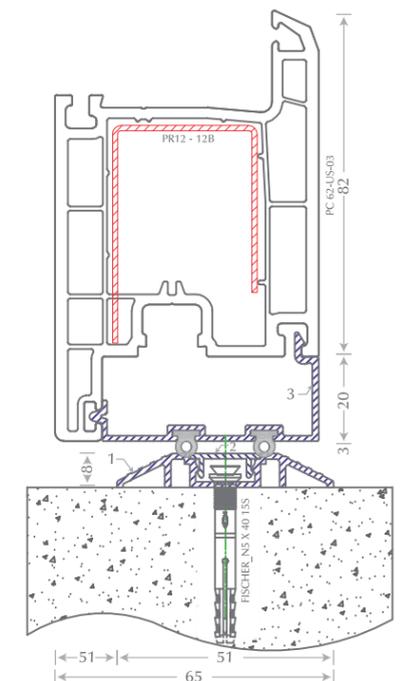
- Easy installation.
- Can be installed in commercial buildings to roll over trolley.
- Airtight fit to prevent dust particles from entering.
- Concealed and compact design.



PAM 117



PAM 124



1. PAM 124 Inventa Casement Door Low Threshold
2. PAM 125 Low Threshold Cap
3. PAM 126 Inventa Casement Door Threshold

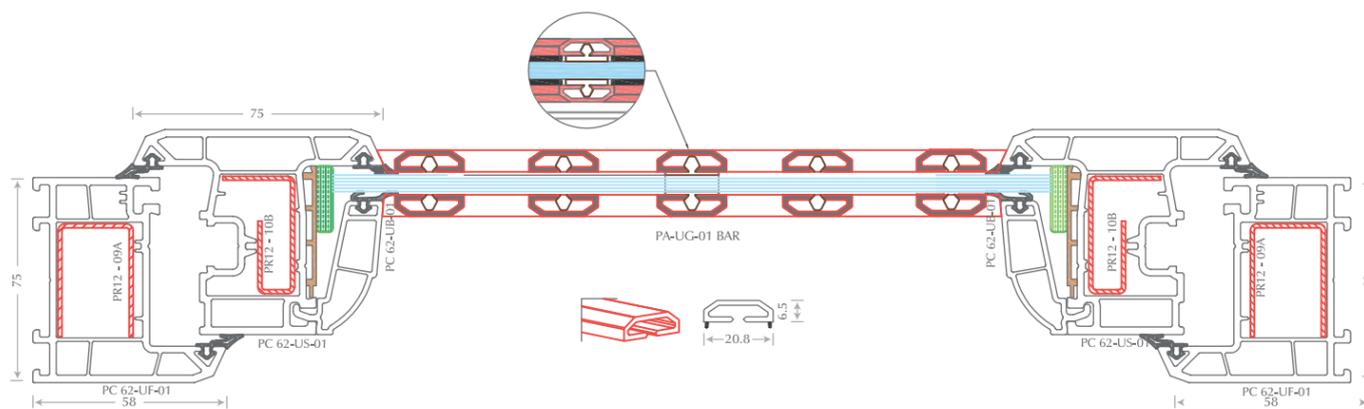
## Georgian Bar



Prominace have not only answered your quality of windows and doors, but we also care about its aesthetics of our products. So far only wooden windows have solutions of elegant finish with its wooden separator strips for windows, but now we have made it possible and practical for uPVC windows and doors. Our Georgian bar will enhance that look of windows and door.

### Advantages

- Easy fit with weather seal co-extrude gasket.
- Multiple shaped clips used to fit different glazing size.
- Retro fit for quick installation.
- Can be installed in both Sliding and Casement system.
- Special grinding wheel are designed to fit different bead design.



## Why 20 Years Warranty?

### EXTREME WEATHER RESISTANT

Complied with EN 12608 and EN513. Prominace Profiles complied accelerated artificial weathering test with severe climate (Climate Zone S) Conditions to the equivalent of 25,000 Hours @ 50 GJ/m<sup>2</sup> in the wave length range between 300 nm to 800 nm according to EN 12608- 1:2016 Standards.

### EUROPEAN STANDARD (EN12608)

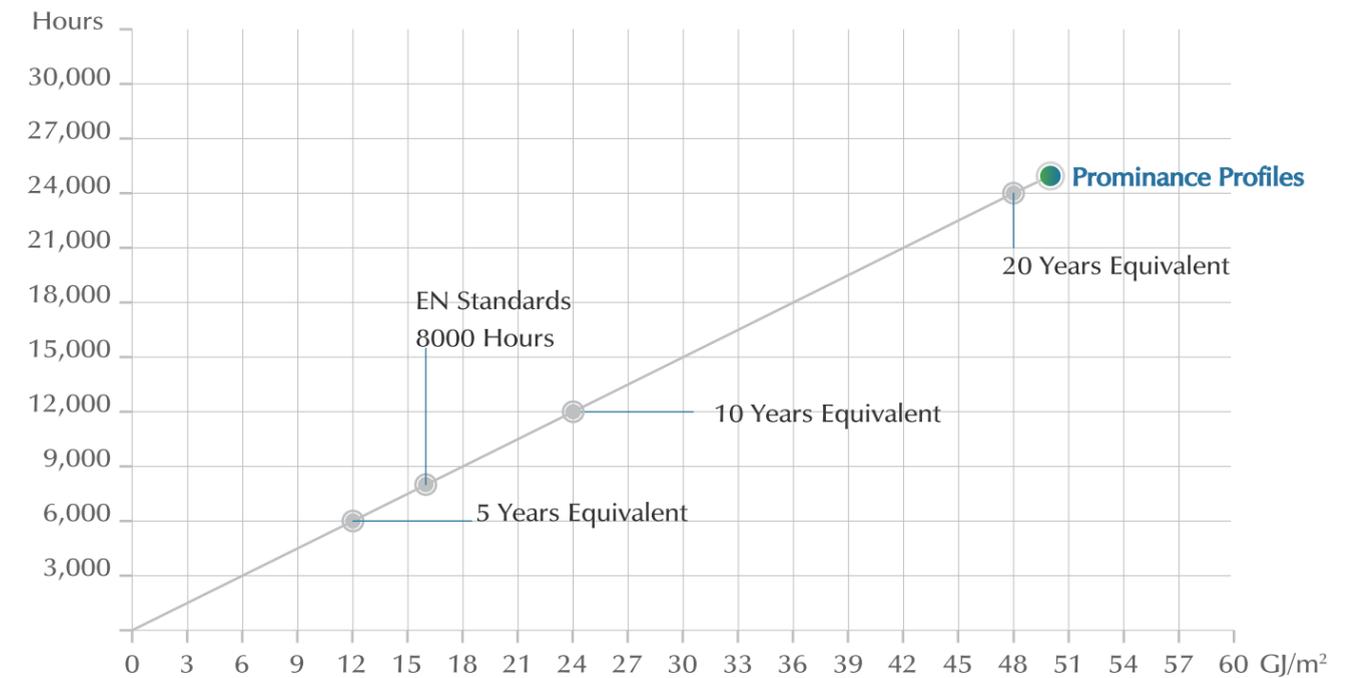


### PROMINACE



### Prominace Weathering competency & Duration

wave length range 300 to 800 nm



Hence Prominace ensures 20 years of warranty against colour degradation through scientific test result compliance of radiant dosage of 50 GJ/m<sup>2</sup> @ 25,000 Hours at the wave length range between 300 to 800 nm by using Xenon Arc source (I=550 W/m<sup>2</sup>) with ΔE less than 5 & Δb less than 3.

## Look out for a World of benefits...



### DURABILITY

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



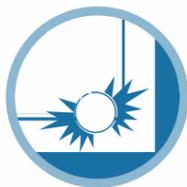
### SOUND INSULATION

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



### IAQ

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



### IMPACT RESISTANCE

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



### AESTHETICS

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



### UV RESISTANCE

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



### TERMITE & CORROSION RESISTANCE

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



### MAINTENANCE FREE

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



### 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.



### FIRE RETARDANT

Prominence windows are fire retardant. During fire, once source of fire is removed, a carbonaceous layer is formed stopping the spread.



### EXCELLENT COST BENEFIT RATIO

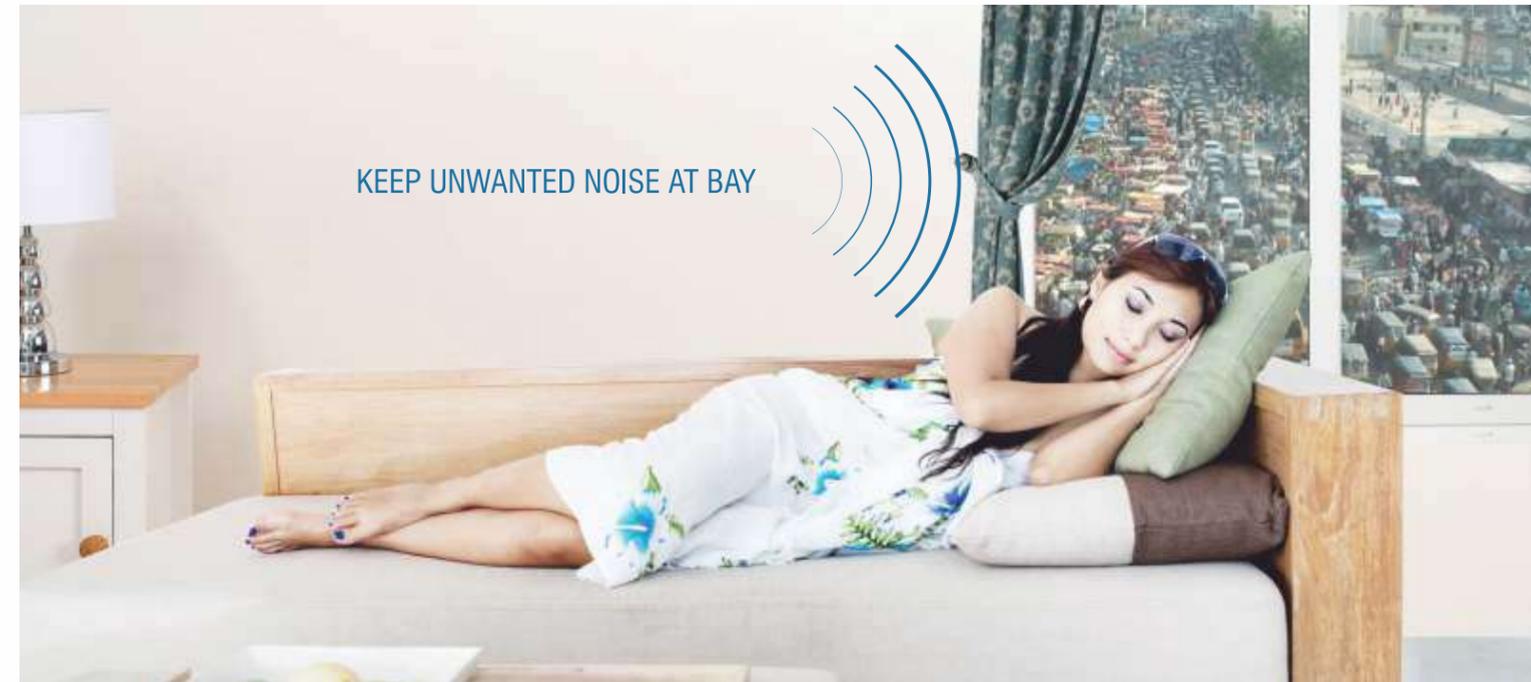
uPVC proles save a lot of costs in terms of maintenance & saving energy when compared to Timber frames which are approximately 40% - 50% more expensive.



### DESIGN FREEDOM

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

## Sound Reducing Windows

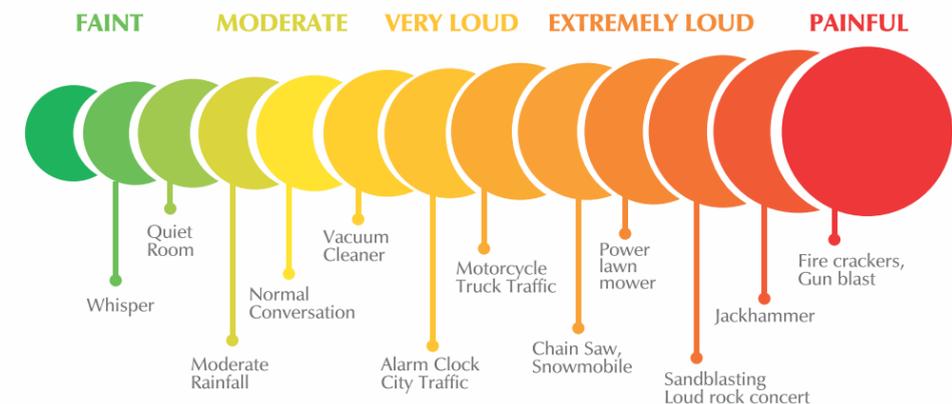


## Effective Sound Insulation

Keep unwanted noise at bay with our prominence 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!

Prominence 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, Prominence 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...

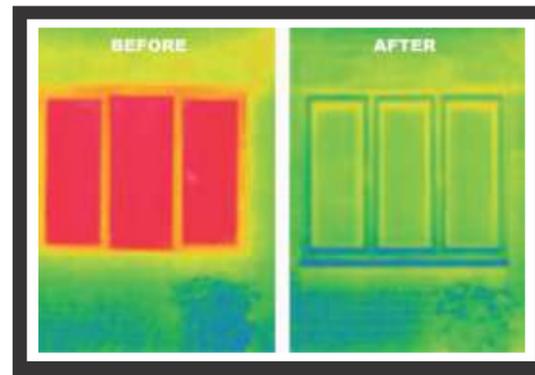
Save your electricity cost by  
**30%**



## 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.



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.



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

### 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

