



## Why WeatherGuard window systems?

WeatherGuard is the leading uPVC manufacturer of window profiles. Its unique solutions comprise specially engineered designs that combine form with function better than anything you've ever seen. So every Weatherguard system is as stylish as it is ingenious, and as attractive as it is durable. For both practical and aesthetic reasons, Weatherguard ensures you of windows that work beautifully, talking care of a major factor in the success of any building project.

Our products are unrivalled in quality, technological innovation and exceptional design – bringing you all the benefits of modern uPVC doors and windows, including low maintenance, enhanced security, energy efficiency and lower costs.

Our **tailored service** is the ideal solution for you



## Design Flexibility

### Advanced range of windows and doors

Weatherguard extensive range meets the requirements of renovation and new construction applications in residential and commercial buildings. With nearly 60 year of expertise in product research and development, Weatherguard is renowned for the most innovative, well engineered designs.

Weatherguard offers an advanced range of window styles that can be mixed and matched for new buildings and replacement applications. Whether it is a folding door or a French door, a tilt and turn or an arched window you are looking for: with Weatherguard window systems that possibilities are virtually unlimited.

Perfect design and superior performance

#### Residential Doors



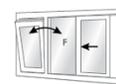
Single Door



French Door



Single / Fixed  
Combination



Tilt-and-Slide



Bi-Fold Doors



Double Slider



4 Panel

#### Sliding Doors

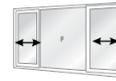
#### Sliding Windows



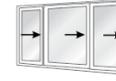
Single Slider



Double Slider



3-Panel



3-Track

#### Inward Opening Windows



Tilt-and-Turn



Folding-Sliding



Inward Span with  
Top Arch Window

#### Outward Opening Windows



Side-Hung



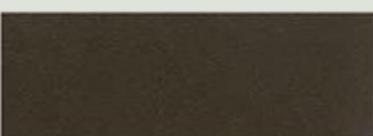
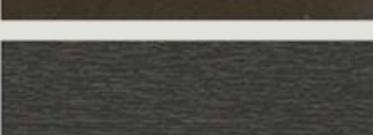
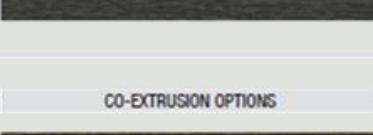
Top-Hung



Side-Hung / Top Hung  
Combination

## Colour chart

From unique colours to wood decors

<p><b>COLOUR BODY PROFILES</b></p> <p>C A R A M E L</p> 	<p><b>FOILED OPTIONS</b></p> 	<p><b>DETAILS</b></p> <p>GOLDEN OAK</p> <p>STANDARD, FACE A + B</p>	<p><b>COLOUR BODY PROFILES</b></p> <p>W H I T E</p> 	<p><b>FOILED OPTIONS</b></p>   	<p><b>DETAILS</b></p> <p>GOLDEN OAK</p> <p>STANDARD, FACE A ONLY</p> <p>CEYLON</p> <p>STANDARD, FACE A ONLY</p> <p>ANTHRACITE GREY</p> <p>NON-STANDARD, FACE A ONLY</p>
<p><b>COLOUR BODY PROFILES</b></p> <p>B R O W N</p> 	<p><b>FOILED OPTIONS</b></p>   	<p><b>DETAILS</b></p> <p>DARK OAK</p> <p>STANDARD, FACE A + B</p> <p>MAHOGANY</p> <p>NON-STANDARD, FACE A + B</p> <p>RUSTIC OAK</p> <p>NON-STANDARD, FACE A + B</p>	<p><b>COLOUR BODY PROFILES</b></p> <p>W H I T E</p> 	<p><b>CO-EXTRUSION OPTIONS</b></p>   	<p><b>DETAILS</b></p> <p>BROWN</p> <p>NON-STANDARD, FACE A ONLY</p> <p>GREEN</p> <p>NON-STANDARD, FACE A ONLY</p> <p>GREY</p> <p>NON-STANDARD, FACE A ONLY</p>
<p><b>COLOUR BODY PROFILES</b></p> <p>O Y S T E R  W H I T E</p> 	<p><b>UNFOILED</b></p> 	<p><b>DETAILS</b></p> <p>OYSTER WHITE</p> <p>HIGH WEATHER FORMULATION ONLY</p>	<p><b>COLOUR BODY PROFILES</b></p> <p>W H I T E</p> 	<p><b>CO-EXTRUSION OPTIONS</b></p>   	<p><b>DETAILS</b></p> <p>BROWN</p> <p>NON-STANDARD, FACE A ONLY</p> <p>GREEN</p> <p>NON-STANDARD, FACE A ONLY</p> <p>GREY</p> <p>NON-STANDARD, FACE A ONLY</p>

### No rotting/ non corrosive

Unlike other materials, Weatherguard uPVC profiles are rust-proof, do not oxidize and resistant to atmospheric pollution, including a range of acids and alkalis. This also means they will never rot in the manner of wooden frames over time.

### Self-extinguish

Weatherguard uPVC is classified as a high-impact resistant material. It is notably difficult and will self-extinguish when the source of heat is removed.

### Fuss-free maintenance

With the sealing in the Weatherguard Window Systems stop dust from drifting in from the outside, which drastically reduces the time you'll need to spend cleaning your home.

No special maintenance regime beyond the use of appropriate standard household cleaner is required. All in all, a Weatherguard Window System is virtually guaranteed to help you save plenty of time and money over the long duration of its use.

WeatherGuard Window Systems are specially formulated to suit the global spectrum of climates and regions



## Effective sound insulation

### Ingenious design keeping noise low

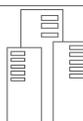
Our systems have tailor-made noise protection systems so nothing can disturb your peaceful world. WeatherGuard prestige designs is a window system perfectly designed to reduce sound transmissions. The dual compression gaskets assure the tightness of the window and doors.

### Exceeding recognised standards

Combined with suitable glazing, WeatherGuard windows can insulate interiors from sounds of up to 40dB. This easily exceeds the recommended sound-proofing level of 30dB for sleeping in a residential area.

Tailor-made noise protection system so nothing can disturb your peaceful world

Sound Insulation Table

Location And Noise Pollution Level	Recommended Max. Noise Level	Recommended Soundproofing Level of Window
Residential Area about 60 dB 	Sleeping 25 - 30 dB	30 dB
	Housing 30 - 35 dB	27 dB
	Working 35 - 50 dB	14 dB
Town Centre about 70 dB 	Sleeping 25 - 30 dB	43 dB
	Housing 30 - 35 dB	37 dB
	Working 35 - 50 dB	35 dB
Industrial about 75dB 	Sleeping 25 - 30 dB	47 dB
	Housing 30 - 35 dB	43 dB
	Working 35 - 50 dB	30 dB

### Engineered security Safety measures firmly in place

#### Eurogroove

Our profiles accommodate most of the shoot bolts and security hinges currently available in the market. With the Eurogroove design in our sash profiles, all multi point locking hardware can be installed in windows and doors to further deter burglars.

#### Internal glazed system

Weatherguard windows are internally glazed. This means the glazing beads that hold the glass in place are on the inside. Therefore, the glass cannot be removed from the outside by any would-be-intruders.

This does help to facilitate safe and easy glaze future "glazing upgrade"

Engineered with security for  
you family and you property  
in mind

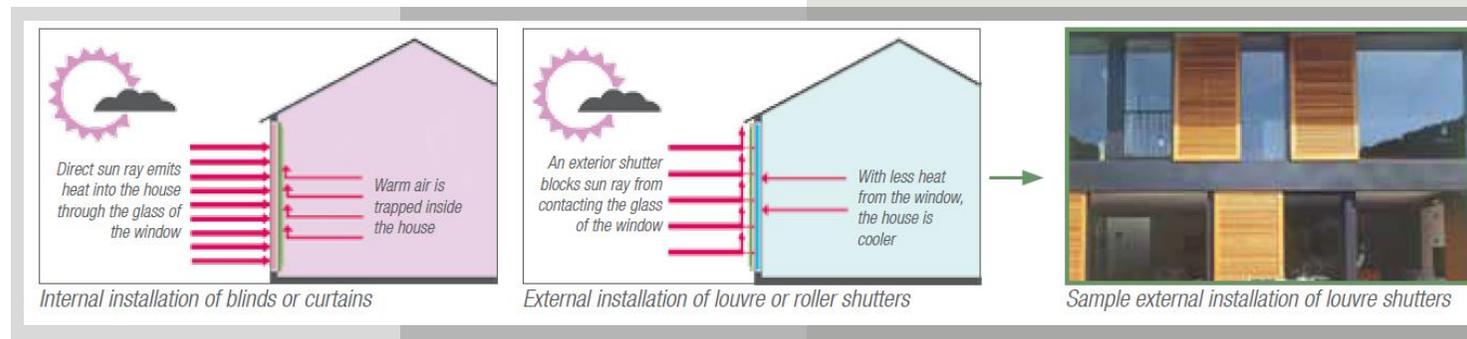


## Energy efficient

A considerable percentage of cooling energy is lost due to thermal transfers. State-of-the-art window and curtain wall systems plus clever design from Weatherguard make it possible to keep the heat outside the building and thus save resources as well as significantly reducing CO<sup>2</sup> emissions and operating costs.

While frames made from aluminium or any other metal tend to scorch, Weatherguard uPVC is such a poor conductor of heat that you can lean on it comfortably and enjoy the views even on the hottest of days.

Reducing energy loss with energy efficient window and door system



**Enhanced insulation:** Louvre shutters as well as roller shutters mean additional insulation and prevent your rooms from unnecessary heating up. The simple fact of shielding the window from sunbeams already on the outside of the building instead of closing curtains and blinds on the inside works as an effective barrier against UV- radiation. Less radiation means lesser usage of cooling devices.

Reducing energy loss with energy efficient window and door system

## Prestige design, S921 60MM casement system

Windows made out of WeatherGuard **Prestige-design S921** are ideal for the requirements of all projects. The 60mm system with 3 chambers offers reliable solutions for windows, which are economical and efficient.

Two sealings protect against dust, wind and rain. The smooth surface and the design of the profiles are ideal for fuss-free maintenance.

A wide range of lamination and co-extruded surfaces fulfil the need for all kind colours.

### Overview of Technical Details:

#### Window Profiles REHAU Prestige Design, S921

Construction Depth :	60mm	
Chambers:	3 Chambers	
Thermal Insulation:	Uf = 1.6 W/m <sup>2</sup> K	(EN12412-2)
Sound Insulation:	Up to 40dB	(AS1191-1985)
Air Tightness:	Class 4	
Water Tightness:	Class 9 A / E 750	
Glazing Capacity:	3mm ~ 36mm	

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