



## REHAU NORDIC DESIGN PLUS

TRADITION MEETS INNOVATION





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REHAU is the premium worldwide brand supplying polymer-based windows, doors and conservatories to professional fabricators and installers.

Our products are market leaders and are unrivalled in quality, technological innovation and exceptional design.

Nordic Design Plus is an outward opening, externally flush fitting PVCu casement window which was originally developed for the Scandinavian market and is now available in the UK.

This PVCu casement window has a 120mm depth frame and has the appearance of a solid timber window of the type used extensively in cottages and stone properties in the UK and Ireland. This makes it an ideal replacement as it has authentic timber detailing and can incorporate traditional type hardware. This flush fitting system is also suitable for new build projects and multi-storey applications as has been the case extensively in Scandinavia.

This window system incorporates REHAU's self reinforced RAU-FIPRO® material giving the window significant increased strength and thermal properties.

RAU-FIPRO®, developed by REHAU, is based on fibre composites used in aircraft construction and Formula 1 vehicles bringing high end technology to the windows for your home.

# NORDIC DESIGN PLUS

## ALL THE BENEFITS WITHOUT COMPROMISE

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All of the aesthetics of a flush fitting timber window with the additional benefits of modern PVCu such as low maintenance, inherent strength and enhanced thermal efficiency.

### **Noise reduction**

Double and triple glazed sealed units considerably reduce outdoor noise levels, allowing you to relax in the peace and quiet of your home.

### **Safety and security**

Nordic Design Plus, being developed in Scandinavia, holds all European certifications relating to security standards.

### **Low or no maintenance**

Our systems contain a unique compound with a smooth gloss finish – guaranteeing they retain their pristine appearance. It also means they will never warp, rot or need painting.

### **Energy efficiency**

The multi-chamber design of the Nordic Design Plus system produces a window that is high in thermal efficiency, which significantly reduces heat loss and keeps out draughts - which can help in reducing energy bills.

# NORDIC DESIGN PLUS

## COLOUR AND CHOICE FOR YOUR HOME

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PVCu windows and doors don't have to be white - choosing REHAU for your home opens up a world of colour and choice which will complement your style of property perfectly.

If you like the look of traditional painted windows but want the benefits of PVCu and double or triple glazing then you'll love REHAU's fantastic range of coloured profiles. We can offer you a choice of two different types of colour applications, laminate foil and Acryl II coating, to suit any age or style of property.

With our laminate PVCu the colour and finish options complement both the exterior and interior of your home - you can choose one colour and finish for the outside and a totally different one for the inside.

All laminate finishes carry extensive guarantees and are well proven for high performance and longevity in all types of weather conditions and all areas, without colour deterioration or fade. The laminates are also durable and can be easily cleaned for long lasting visual appeal.

Our Acryl II coating system offers over 150 RAL colours with a beautifully smooth finish. The finish has an impeccable pedigree having originally been developed many years ago by the REHAU Automotive division to produce colour matched bumpers for prestige cars such as Mercedes, BMW and Jaguar.



Visit [www.rehauhome.com/colourselector](http://www.rehauhome.com/colourselector) to see how colour could enhance your home

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# NORDIC DESIGN PLUS

## VERSATILITY

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Fabricators and installers consistently recommend REHAU window and door systems to customers. They know they are delivering a quality product that will give full satisfaction.

Our systems are specifically designed to help the installation process run as smoothly as possible. The innovative technical specifications behind Nordic Design Plus are described below:

The Nordic Design Plus window system includes main profiles, together with ancillaries and a choice of glazing beads.

**Key features of the Nordic Design Plus window system are:**

- Slim and elegant PVCu profile designs which will enhance the refurbishment of buildings.
  - The flush finish sash creates the look of the most traditional of windows.
  - No reinforcement required for a range of element sizes due to the incorporation of REHAU's self-reinforced RAU-FIPRO® material giving the window strength and enhanced thermal properties.
  - The 120mm frame depth and 67mm sash depth means that double glazed and triple glazed units can be accommodated.
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# NORDIC DESIGN PLUS

## SYSTEM TECHNOLOGY

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The different features built into the system have been engineered with maximum efficiency and performance in mind.

### Fully integrated system

All Nordic Design Plus profiles are designed to fit with each other, allowing greater versatility of window designs with fully welded construction - for example dummy mullions in sashes.

### Improved drainage path

Our improved drainage path allows water to drain more efficiently.

### Ancillary profiles

Nordic Design Plus comes with a large range of ancillary profiles, including sills, angled head drips and square bay poles, couplers and frame extensions, which makes for easier fitting across all applications.

### Surface finish

REHAU's gloss and smooth surface finish are a mark of quality, providing a long lasting appearance and low maintenance.

### Hardware

The system construction allows high performance mushroom espagnolette fittings to be accommodated. This in turn allows openings and night ventilation positions.

### Specification

The Nordic Design Plus window system fully meets domestic or commercial specification.

### Positive friction-stay location

To reduce the strain on screws and hinges, positive friction-stay location is added for improved performance.

### No hardware break-through

All lock gearboxes for the Nordic Design Plus system are contained within the inner chambers of the profile providing a dry environment. No technical compromise means a prolonged life for hardware.

### In-board Eurogroove

For improved security the eurogroove is located in the middle of the profile, creating a stronger position for the lock and a greater resistance to forced entry.

### Reinforcement

No reinforcement required for standard element sizes due to the incorporation of REHAU's self reinforced RAU-FIPRO® material. RAU-FIPRIO® is the innovative material formulation created by REHAU which results in window profiles with high stability, torsional stiffness and static properties which were previously not possible without the addition of steel reinforcements. It has been developed based on fibre composites used in aircraft construction and Formula 1 vehicles bringing high end technology to the window manufacturing industry.



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