

NRG Sliding Patio Door



Platinum[®]
NRG

The traditional sliding patio door has been given a new lease of life by **PlatinumNRG®**. Designed from scratch, the **PlatinumNRG®** patio door system provides a beautifully smooth and secure entrance to your home.

From the moment you see the **PlatinumNRG®** door, you'll be struck by the ergonomic design, the effortless opening mechanism, the smooth motion and the noiseless glide.

Fitted with the revolutionary multi-wheeled 'air glide' system, the **PlatinumNRG®** sliding patio door is perfectly balanced as it moves along its track on an eight-wheel acetal roller - with doors spanning up to four panes in width.



Sliding Patio Doors

The sliding patio door isn't a new invention, yet, most doors available on the market today are still based on an original design, which means they come with inherent challenges. Who hasn't experienced a patio door that rocks on its track, or one that requires sheer brute force to open?

Other patio systems have built a reputation for making it easy for thieves to break in to your home. The **PlatinumNRG®** design team have rewritten the rule book with their innovative patio range - engineering in features such as a built-in decelerator and hidden 'crash stops' within the operating mechanism so as not to detract from the beautifully slim lines of the door.



Strong and secure with multi-directional locks and a host of security features to help keep your home safe.

The built-in brushes gently sweep away any minor debris each time the door is closed, aiding its silent action and helping it to maintain efficient operation.

With fully sculptured features providing a beautiful finish, our patio door's ultra-slim sightlines ensure you enjoy the maximum amount of natural light in your home.

Choose from a wide range of colour and handle options to personalise your patio door - each door is manufactured to your bespoke size and design, for the perfect fit for your home.



One of the most effective ways you can save energy within your home is through installing energy efficient windows, doors and roofs.

PlatinumNRG[®] frames outperform most of the other leading brands in the UK when it comes to thermal efficiency – mainly due to an innovative PVCu multi-chambered profile design. The thermal efficiency of a door is measured in U-values, which demonstrate how effective the door is at preventing the transfer of heat into and

out of a building.

The lower the U-value, the higher the doors' effectiveness at keeping the heat inside your home when it's cold outside.

Furthermore, **PlatinumNRG[®]**'s patented bubble gasket is co-extruded as part of the manufacturing process – meaning seals are continuous and therefore weatherproof. A continuous seal all the way around the frame eliminates draughts and provides resistance to water.

Close-up of a single lock cluster shows twin espagnolettes.

Our new high-security lock features 4 bi-parting locking clusters for increased security. Each cluster features twin-elongated mushroom espagnolettes.

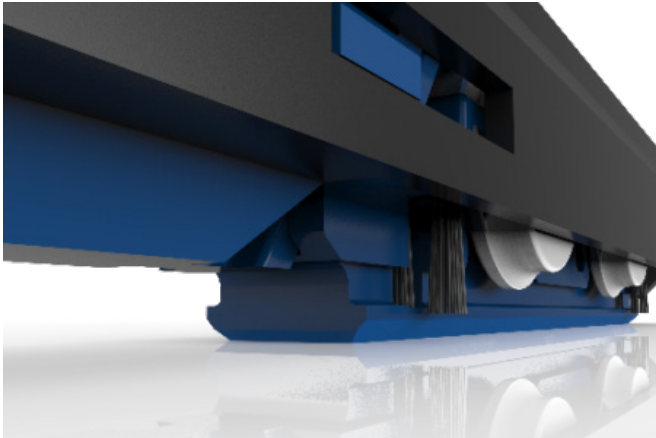
The entire mechanism locks into a one-piece stainless steel keep.

For even further security, the lock uses an anti-tamper gearbox with a mishandling pin.

The lock works with all door configurations from 2-4 panes.



*Designed for the future,
available today!*



Uniquely smooth action

You'll be amazed at how light the door feels and how easy it is to open and close - not to mention how quiet it is too!

Other patio door systems slide on just four steel wheels - the **PlatinumNRG**[®] patio door uses 8 hard-wearing self-lubricating acetal wheels, which makes it feel as though it's floating on air.

Self-lubricating acetal wheels

You really need to experience this for yourself, so visit your nearest **PlatinumNRG**[®] showroom to find out how our patio door is so different from its competitors.

The **PlatinumNRG**[®] patio door range was designed with a ground-breaking 'air glide' system, giving it a superbly smooth operation.

Safe as houses

Combining steel reinforcing with a high security locking mechanism, technology ensures the **PlatinumNRG**[®] patio door offers far greater security than most other products of its type. Our unique locking mechanism has been designed to ensure that unsightly hooks do not protrude into the room even when the door is open. To make your **PlatinumNRG**[®] patio door even

more secure, you can choose the latest 'anti snap' locking cylinders, which offer even more protection against the more determined would-be intruder.

You can even choose a PAS 24-compliant door, with Secured by Design status for additional peace of mind.

Our patented bubble gasket ensures a continuous seal all the way around the frame, eliminating draughts and providing water resistance.

Our patio door range is beautifully designed for modern living.

Designed for today's challenges.

Built to create the perfect summer ambience, it's equally as important that our doors withstand the worst of the British winter weather.

PlatinumNRG[®] patio doors are rigorously tested to make sure they exceed the appropriate British Standards for weather performance.

We also subject our doors to a regime of robot cyclic testing in a purpose-built laboratory, making sure all mechanical parts will stand up to the repeated operation necessary for daily living.



inspiration



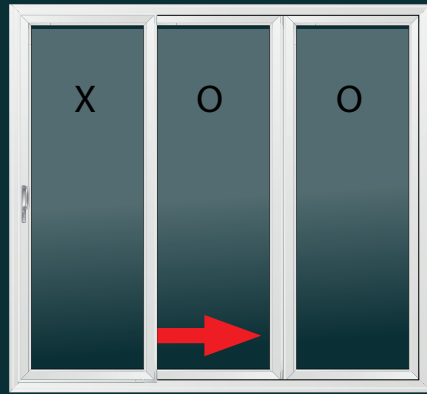
Call today on **0800 652 3151**

www.platinumNRG.co.uk

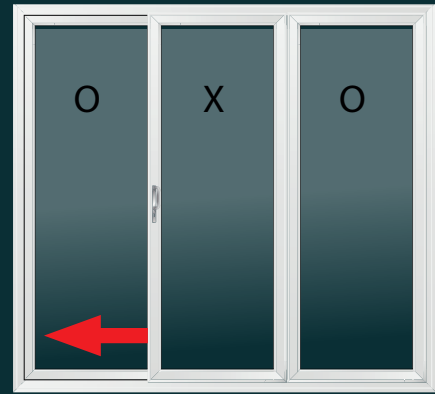
Door Configurations



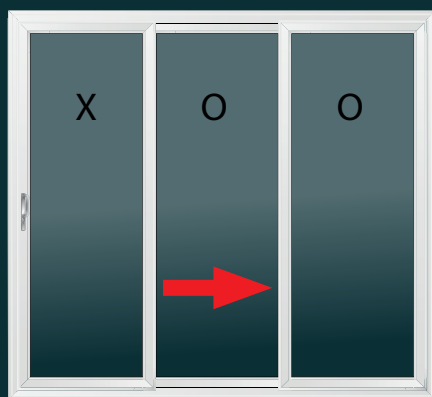
2 LEAF Style OX or XO



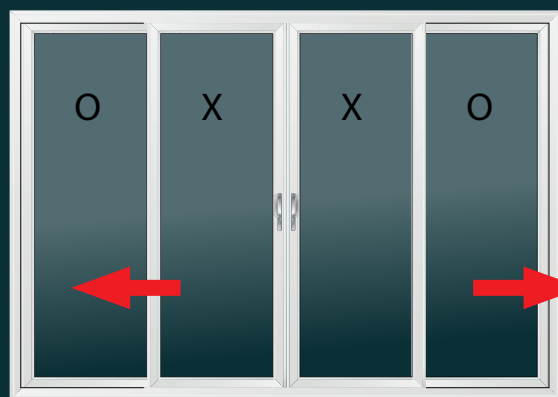
3 LEAF Style XOO or OOX



3 LEAF Style OXO (left or right opening)



3 LEAF Style XOO or OOX



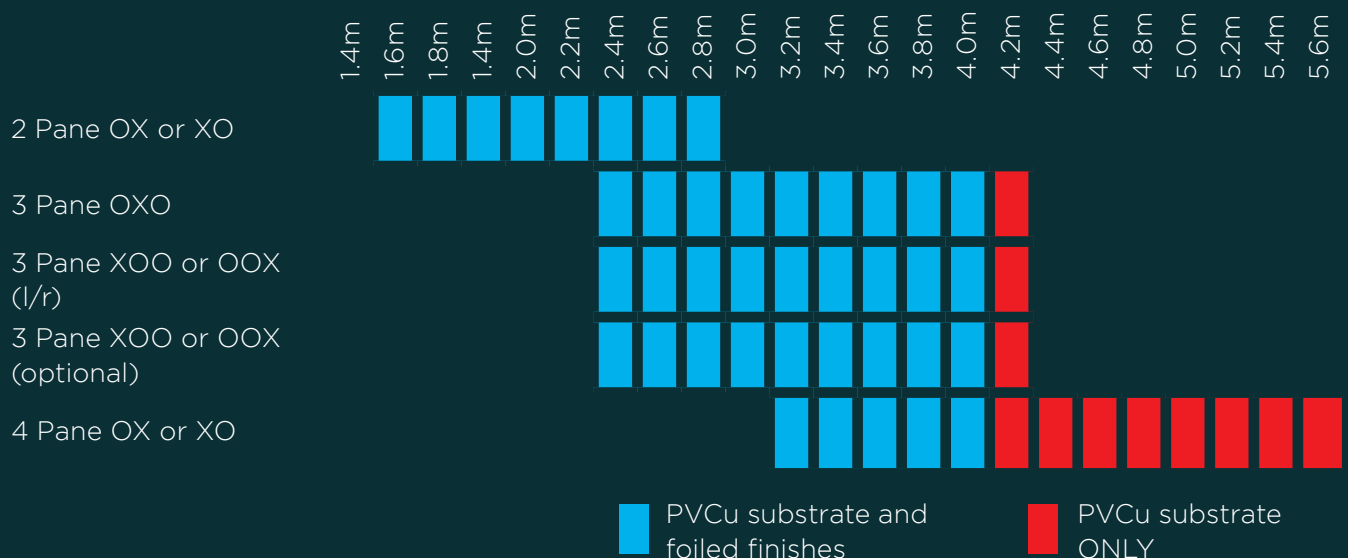
4 LEAF Style OXXO

Arrows denote direction of opening door leaf.

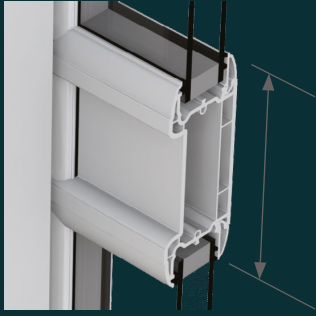
'X' denotes the opening (sliding) door leaf whereas 'O' denotes the fixed door leaf.

If you have a wider opening span, why not consider a 3 or 4-pane patio door? The supreme strength of **PlatinumNRG**[®] multi-chambered frames make them perfect for large openings - so conservatories, orangeries and garden rooms can all benefit from increased light flooding into your home. If you know the approximate measurements of your aperture, you can see the configuration

options available to you using the table below. Alternatively, if you've already decided on a certain configuration, look across from the number of doors to find the approximate opening width required. Please note: this table is for guidance only; each set of **PlatinumNRG**[®] patio doors is made to order to your own exact measurements.



OPTIONAL MIDRAIL



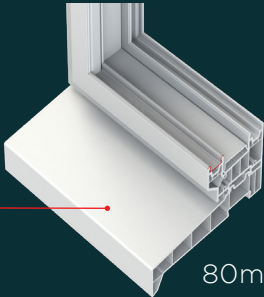
125mm

THRESHOLD OPTIONS



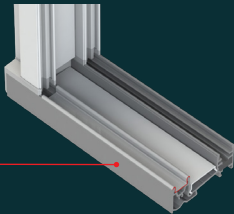
FRAME ONLY

50mm



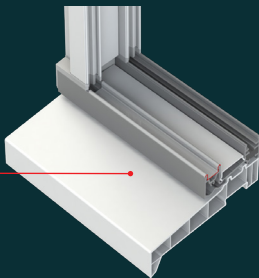
FRAME AND CILL

80mm incl. cill



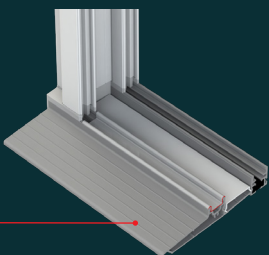
ALUMINIUM LOW THRESHOLD

30mm



CILL-MOUNTED THRESHOLD

60mm



ALUMINIUM

25mm

PART M THRESHOLD WITH INTEGRATED RAMP



**INTER
LOCK**
84
mm



Colour Options

Our doors are a low-maintenance alternative to timber as it won't rot, twist or bow nor will it need repainting; all it requires is an occasional clean with soapy water. Every door we produce is made in a wide choice of stocked coloured foils, ensuring short lead times when your project is urgent.

If you're not in a rush, you could select a completely bespoke colour and finish from the huge range available. You can even select the substrate colour and choose to have the foil applied on just the interior or exterior if you prefer.

Please ask to see a **PlatinumNRG**[®] foil swatch booklet to help you select the perfect colour choice.

Door Handles



WHITE



CHROME



GOLD



BLACK

Standard Finishes



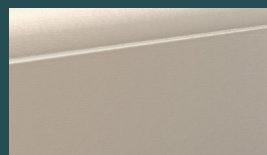
Rosewood



Oak



Black



Cream



Whitegrain



Rosewood on White



Oak on White



Black on White

Features

100% LEAD FREE

PVCu Completely free of poisonous lead stabilisers.

GLOSS FINISH

Polished finish reduces cleaning and maintenance and resist airborne pollutants and moulds.

SCULPTURED PROFILE

DECELERATOR

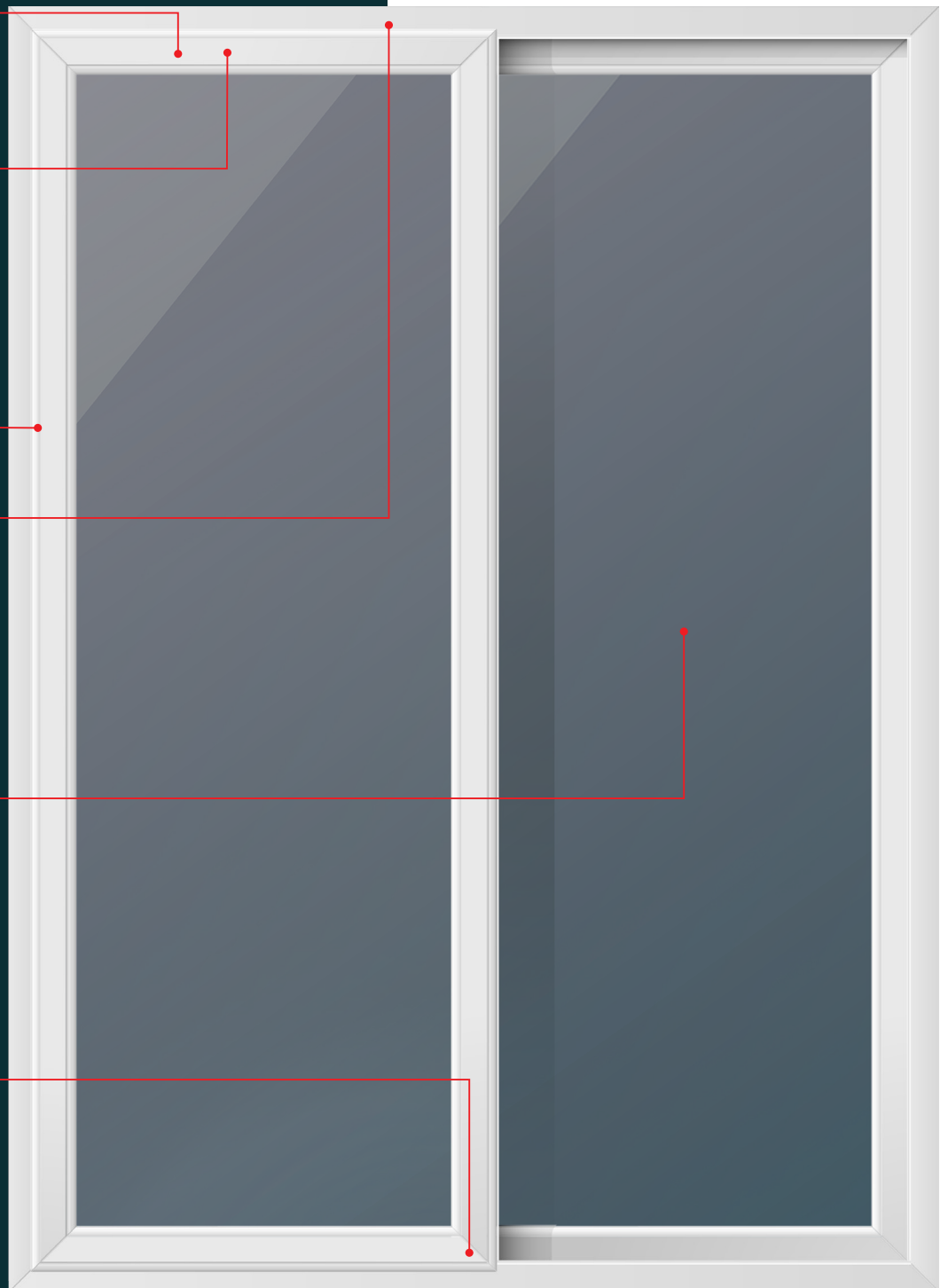
Patented decelerator inside door head eliminates unsightly external 'crash stops'.

EXTERNAL SLIDERS

Provide a safe and secure door and uses anti-lift construction for additional security

AIR-GLIDE MOTION

Smooth, low-resistance movement uses an 8-wheel acetal runner





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