

Homes *for living*

WINDOWS | DOORS | CONSERVATORIES

Your Frames Direct agent

Acorn
WINDOWS & DOORS



TO HELP YOU REALISE
YOUR DREAM

fd
frames
DIRECT





Make the most of
your investment
and let us help
you capture
your dream

Capture your dream with our truly comprehensive range of window and door products. A range that can turn a dream into an elegant reality, through an amazing choice of styles and decorative options that are guaranteed to enhance any property.

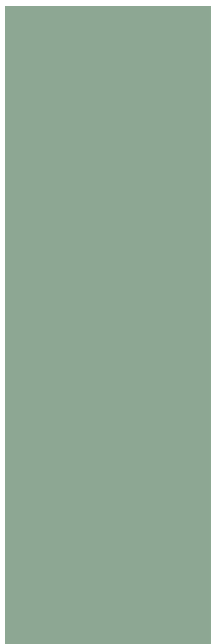
What's more, from the raw materials used in the manufacturing process, through to your completed installation, you can rest assured that the products and service you will receive are of the highest quality.



Your Choice
our expertise

Chartwell
Green*

49246-101100



Dark Green

b125-05167



Dark Red

3081-05-167



Steel Blue

5150-05-167



Mahogany

2097-013-167



Golden Oak

2178-001-167



* Specials: will have a lead time

Colours are for illustrative purposes only - printing process may vary colours slightly.

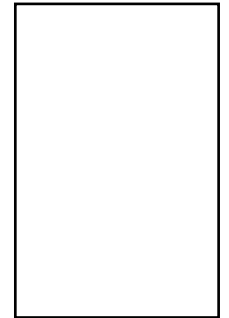


Our Products Feature

- Choice of Ovolo or chamfered system.
- Low level co-extruded gaskets mean that less gasket is visible.
- Multi-chamber profile improve thermal insulation and increase rigidity.
- 3mm outer walls, routinely tested and steel reinforcement.
- Wipe clean surface.

Foiled White

PX-0005



Natural Oak*

Rosewood

Irish Oak*

Anthracite Grey

Bog Oak

Cream White

9-3118076

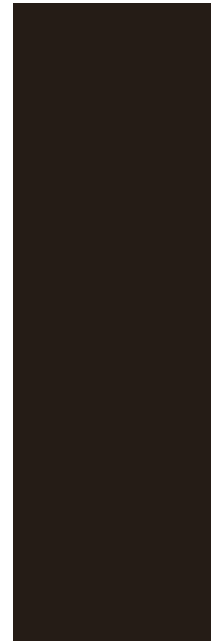
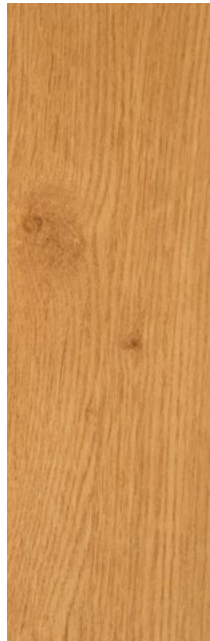
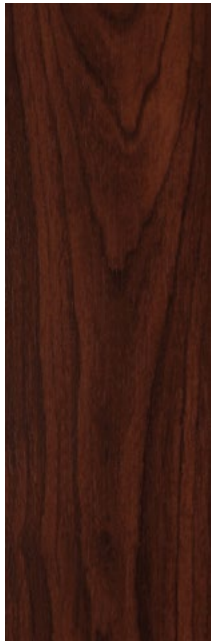
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8518-05-167

PX46848





You are guaranteed a
quality product of the
highest standards

Windows

Our profiles can be combined to create any style of window and meet any functional need. Your windows will be designed, manufactured and installed specifically for your property, to your own finish. What's more, all windows can achieve a Window Energy Rating of brand A. Helping you reduce your energy consumption and carbon footprint.

- Our windows and doors provide an outstanding barrier against heat and noise loss - even in the most extreme weather conditions
- Windows and doors made from PVC-U negates the use of timber, protecting the planet's trees.
- We recycle our own waste and generate new products whilst still retaining the highest standards in quality of material.
- Our entire manufacturing process - from production to installation - is confined to the UK and Ireland thereby minimising transportation and fuel consumption from wider exportation.



CASEMENT

Following extensive research in technology, legislation and thermal efficiency, Frames Direct have a complete suite of component parts, which enables the design, manufacture and installation of a full range of window, door and conservatory components all from the same system. This provides simplicity in design and fitting for your installer unrivalled style and choice for you. Plus a consistent finish across your home.

The size and style can be tailored to your openings according to the position of your window and the space available.





Product features at a glance

- Choose from either Bevelled or Ovolo design profiles according to the style of your home, resulting in a consistent finish across all areas of your home improvement.
- Market leading multi chambered profile provides increased thermal efficiency.
- Post Co-Extrusion (PCE) Flexible gaskets are securely pre fitted to the profile during manufacturing preventing any shrink back through ageing, which provides extended performance and keeps your windows in the best condition for longer.

- Glazing thickness which provides additional options against thermal and sound insulation.
- Complete system with full range of aesthetic accessories such as Georgian bars and decorative Horns, increasing choice.





Functionality with period
character & design

VERTICAL SLIDER

Designed by Spectus Window Systems to deliver all the benefits of high performance modern materials, the Vertical Slider is a cost effective solution for period style properties.

The PVC-U Ovolo frames provide optimum strength, superior thermal protection and excellent weathering performance and with

the minimum maintenance, will retain their appearance year after year.

The Vertical Slider is an authentic looking sash window with Ovolo finishing that combines high performing modern materials and functionality with period character and design.



Much thought has gone into the Spectus Vertical Slider to ensure that the attractive style of a traditional sash window is retained, whilst providing all the benefits that modern technology can provide.



For ease and cost effective fabrication, each sash option is post co-extruded. Thermal properties are enhanced through the use of 24mm glazing as standard. Excellent weathering performance is increased with a pile seal detail on the sash edges and outer frame and air flow specification can be achieved through the use of trickle or glazed-in vents to suit particular applications as required. Spectus sought after Vertical Slider Systems is kite marked to BSEN 12608 and BS 7950 and BBA approved.





The practical and
perfect window



TILT AND TURN

If you love having your windows open to let in fresh air, but worry about security, why not consider tilt and turn windows for your ground floor?

They are also perfect as a fire escape window

on upper floors as they open fully when you need them to. With many practical benefits, tilt and turn windows are also available with as many options as our popular casement window.

BAY





Extend your living space and bring
the garden into your home

Conservatory

By adding a conservatory to your house, you are bringing a whole new dimension to living. It gives you an additional room. Use as you choose, a playroom, dining room, entertaining room or just your own retreat.

A conservatory is a great solution to increase the footprint of your home, create extra living space and add value to your home. It's also a great place to bring the outside in and enjoy your garden all year round, whatever the weather.

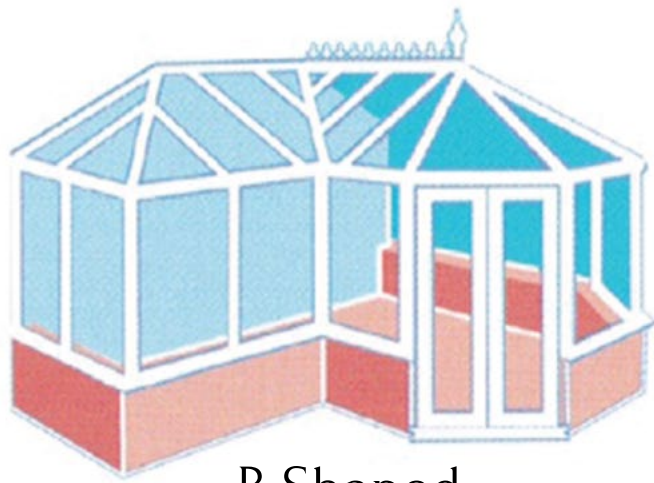
Your new conservatory will give you:
More light
More space
Increase value of your home



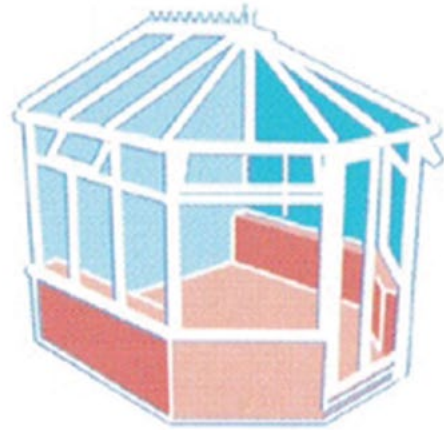
Practicality &
style

Conservatories are available in a number of styles to ensure they are a seamless addition to your property. Whatever the age and style of your home, speak to your installer to discuss which solution is best for your property.

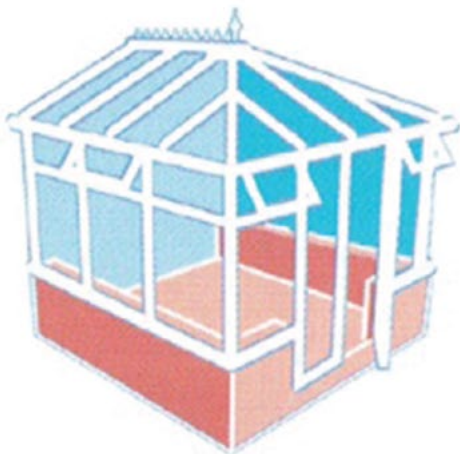
All Frames Direct conservatory profiles are available in a range of colours so you can tailor the finish according to the individual style of your property.



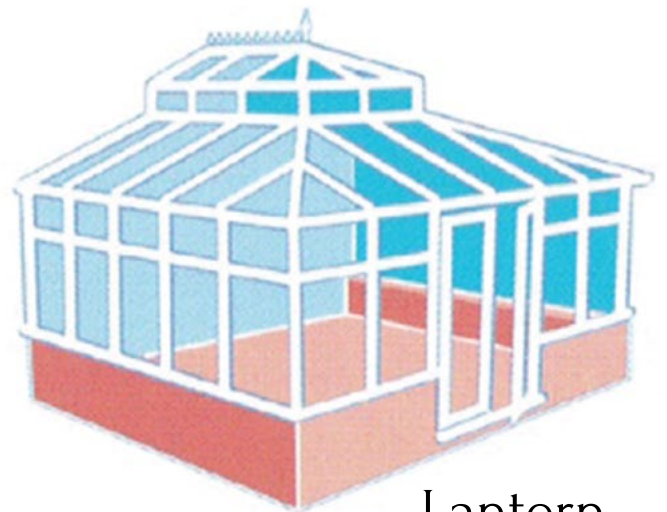
P-Shaped



Victorian

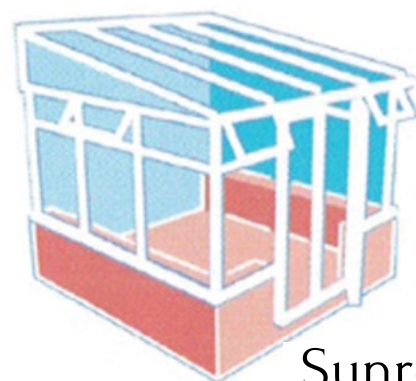


Georgian/Edwardian



Lantern

- Choose from the traditional and slim line Bevelled frame or the sleek, contemporary and curved Ovolo frames.
- Conservatory style to suit any period of property.
- Bespoke design and planning service to cater for your individual needs.



Sunroom



Inspirational ideas
for doors

Doors

French, Patio or whatever your preferred style, doors are an effective way of opening up space and increasing light in your home and, because they are manufactured to Frames Direct exacting standards, security and efficiency are supplied as standard.

RESIDENTIAL DOORS

The front door is an important purchase. Our residential doors offer you versatile choice for your home providing the opportunity to mix and match colours and designs depending on your own individual requirement. It can be combined with any style of panel or glass to create the desired effect for your home.





COMPOSITE DOORS

We are pleased to be associated with the Palladio Composite door collection. It is a 65mm fibreglass reinforced composite door with a combined glazed U value of .64 using triple glazing and a warm edge seal. The style of lock used is that of a 3 hook, 2 shootbolt locking system, combined with a visually concealed hinge.

Available in colours:



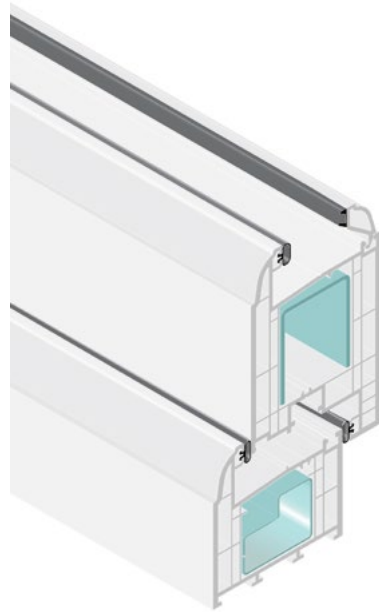
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FRENCH DOORS

French Doors are a style alternative to Patio doors and a great way to fully open up a room to provide additional light and space.



Product features at a glance

- A choice of a traditional and slim line Bevelled frame or the sleek, contemporary and curved Ovolo frame.
- Double and triple glazing options providing thermal and sound insulation.
- PCE concealed gaskets provide a superior seal for improved weathering protecting.
- Choice of inward or outward opening doors.
- Unlimited hardware choice and vast range of ancillary products.
- A wide range of colour, woodgrain and metallic foil finishes available.
- Optional Aluminium low thresholds for disabled access.





PATIO DOORS

Patio doors are a versatile option and ideal for both conservatories and porches. The handle and locking system provides improved aesthetics and security through outward opposing hooks which prevent the leaf from being lifted from its frame.

Product features at a glance

- Available in two, three or four pane options providing choice in the door style available.
- High security four hook locking mechanism.
- Purpose designed Midrail provides the ability to incorporate a letter box.
- Smooth sliding action, the doors can be lifted to the inside or outside.
- A wide range of colour, woodgrain foil finishes available.





BI FOLDS

All Frames Direct Bi Folds are manufactured from Aluminium

Advantages:

- Can achieve U-value as low as 1.8
- Available in sizes up to 6.4m wide x 2.4m high with max sash size of 0.9m wide x 2.360m high
- Can accommodate 24 or 28mm glazing
- Can be open-in or open-out

Available in colours:

Mahogany, golden oak, dark oak, natural oak, teak, raw teak, teak softwood, chestnut, oregon, natural oregon, yellow oregon, oregon pine, knotty pine, natural maple and cinnamon.



Innovative
ideas

GLASS

High Insulation

- Eliminate heat loss during cool months
- Help cut your energy costs/fuel bills
- Make your home more comfortable
- Eliminate uncomfortable cold spots close to windows

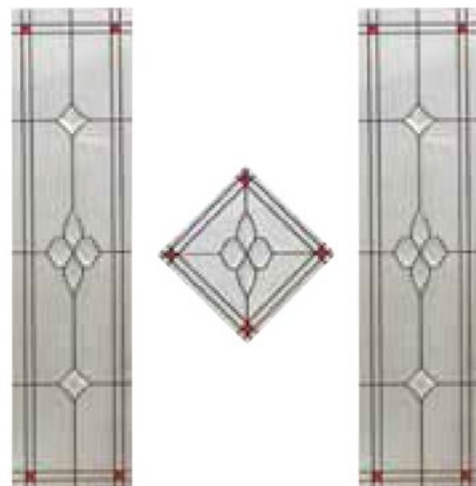
Security

Installing toughened and laminated glass will prevent glass being easily smashed. Similar glass is used in large shop windows.

Feature & Decorative Glass

Bring beauty to your home inside and out with Georgian, crystal cut or leaded glass.

For that individual touch, the exciting decorative glass range will allow you to bring that very special touch to your home, inside and out.





TRIPLE GLAZING

We continue to innovate and develop new products. With the predicted changes in Building Regulations which look set to demand lower U-values, our triple glazing solution, is an easy and cost effective way to comply.

We offer two aesthetically pleasing triple glazing beads, one chamfered and one Ovolo. The beads are stocked in standard finishes and they are also available in a different range of colours and woodgrain finishes.

Many variations of glass coatings, spacer bars, edge sealants and gas fills can be used to provide bespoke options to balance cost and performance. For example, triple glazed units, argon filled can deliver $0.8W/(m^2K)$ whole window U-values.

Pros

Triple glazing can provide higher levels of thermal insulation than double glazing. Reduced energy bills therefore, reduced carbon footprint.

- Low U-values
- Reduced energy consumption
- Effective in buildings with large expanses of glass
- Sound insulation perception
- Avoids cold spots in highly insulated buildings.





Contributing to *energy-efficiency*

So, is it the right choice?

For over thirty years, we have been at the forefront of PVC-U window and door design. Our British made systems are some of the most complete and advanced on the market. It's no surprise therefore, that we offer such a wide range of triple glazing solutions.

Low emissivity glass, the type of gas fill and

the size of the cavity all impact on performance. The type of spacer bars and the edge sealants all make a difference.

Within the outer frame and sash, insulating foam or thermal barrier technologies can be used.

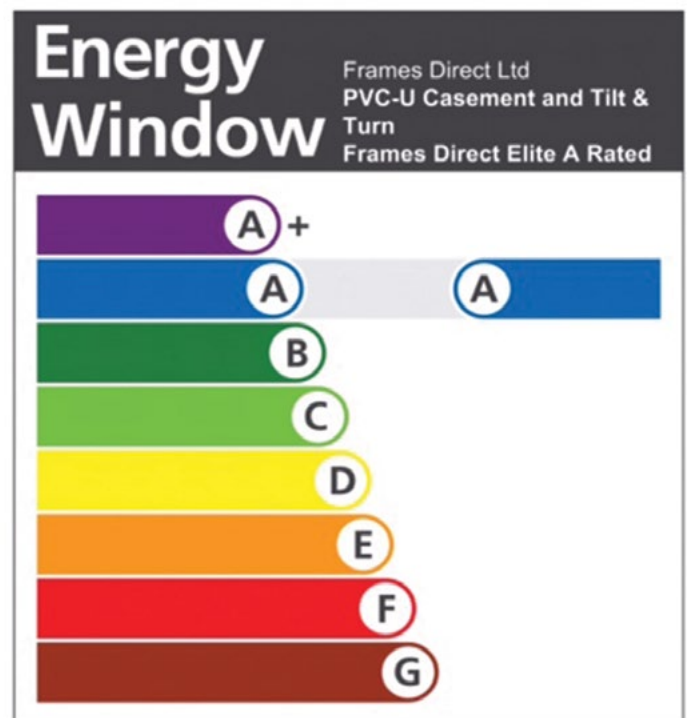
Glazing widths include 28mm and 36mm for the slim line Elite 63, and 28mm and 40mm for Elite70. On Linar 28mm, 36mm and 40mm.



Product features at a glance

Triple glazing can provide higher levels of thermal insulation than double glazing. Reduced energy bills therefore, reduced carbon footprint.

- Two cavities for extra insulation
- The use of simple additional components will allow an otherwise standard casement window to achieve a whole window U-value of 0.8 W/(m²K)
- Many variations of glass coatings, spacer bars, edge sealants and gas fills can be used to provide bespoke options to balance cost/performance
- B66 allows the use of a 44mm IGU in Elite 70
- B55 allows the use of a 40mm IGU in Elite 70 and 36mm IGU in Elite 63
- The Elite 70 44mm option provides two 16mm cavities for optimum performance using Argon fill (and not expensive Krypton fill). Making the Spectus solution possibly the most cost effective on the market.





Energy, Eco and Environmentally Friendly

Window Energy rating is a method for assessing the total energy performance of a complete window.

An a-G energy rating has been developed for windows by the BFRFC. This is the same as the rating systems used for household appliances - such as fridges and light bulbs. It clearly shows

the products that can save customers money and assist in the reduction of Co2 emissions.

The lifetime cost of heat lost through a window is greater than the purchase cost.

The cost of a window is not just the purchase cost – it is also the cost of operating the window. The cost of heat loss through a window



Be comfortable

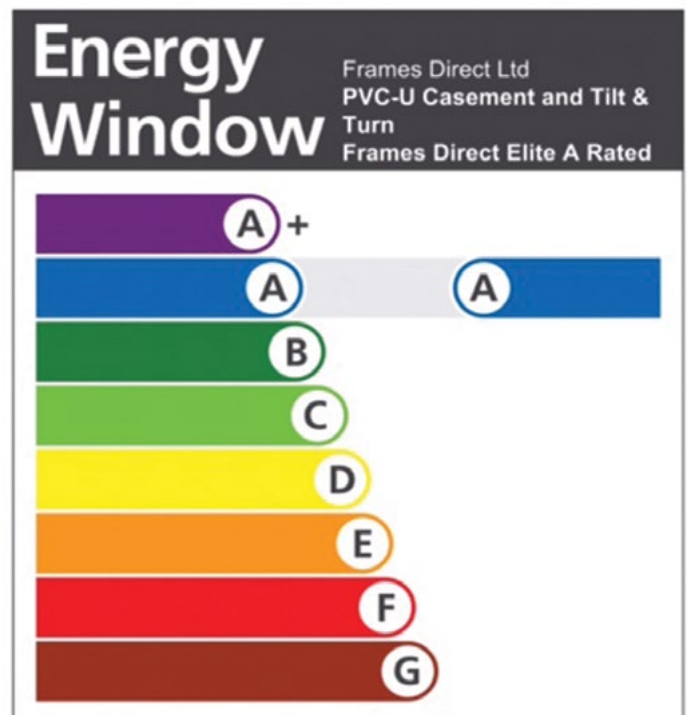
Energy efficient windows improve the comfort of homes by providing uniform temperatures throughout the house. They can dramatically increase the amount of effective and usable living space.

Save energy

Energy efficient windows will help to minimise heating and lighting costs. Saving energy benefits the environment by reducing greenhouse gas production.

Save money

Energy efficient windows reduce energy and directly reduce heating bills.



easily exceeds the cost of the window over the typical lifetime of a window.

Window heat losses can account for over 30% of total heat lost from a house. This can be significantly reduced using energy efficient windows.

Windows have traditionally been a large

source of energy loss from houses but this can be nearly halved by the use of the new energy efficient technologies.

Upgrade to the most *advanced U-Values*



U-VALUES

Rating	U-Value	Glass
A	0.8	Triple Glazing
A	1.0	Triple Glazing
A	1.1	Triple Glazing (standard)
N/A	1.2	Double Glazing
A	1.4	Double Glazing (standard)
A	1.5	Double Glazing



UPGRADE TO THE MOST ADVANCED SECURITY

Safety

Our home is our safe haven and full of all the things that matter most. Improvements in systems and hardware design enables us to provide increasing levels of security. Choosing the right frames and hardware for your windows and doors will increase the security of your home, without compromising on style.

With Frames Direct upgrade your windows and doors to the most superior security, we have the most advanced U-value on the market.

Accreditations

Profiles are extruded under a quality management system that conforms to BS EN 9001:2008 and are kite marked to BS EN12608. Rest assured when you choose a Spectus system, your investment is in safe hands. Whatever the colour and finish you choose.



BS 7950



BS EN 12608



BS EN 9001 2000



PAS 23-1 PAS 24-1



FRAMES DIRECT LTD

Straboe | Buncrana | County Donegal | Ireland

Tel: 00 353 74 9363888

Fax: 00 353 74 9362203

Email: info@framesdirect.ie

Web: www.framesdirect.ie



If you require any further help or assistance please contact your dedicated supplier below:

Your Frames Direct agent



Visit us online: www.acornwindowsanddoors.ie

Contact Acorn Windows and Doors by phone on 057 935 6006 (office) or 086 234 1792 (mobile) or email us at info@acornwindowsanddoors.ie

Spectus
WINDOW SYSTEMS

