

*the***ultimate**[®]
collection



Modern Design ◆ High Security ◆ Energy Efficient
PVC-u Windows & Doors





BEVELLED PROFILE



OVOLLO PROFILE



An initial choice you will want to make is whether to have bevelled or ovolo shaped profile. Bevelled profile offers contemporary clean lines whilst ovolo profile offers a more detailed, sculptured finish.

This choice can often be influenced simply by your individual preference but may also be influenced by the style of your property.



Importance of the finish

With the rapid advancement in PVC-u technology, you would often now be hard pressed to tell the difference between PVC-u products and their timber equivalents.

This provides you with a multitude of finish options. You may find for example that choosing a Rosewood or Oak woodgrain finish will help to blend more sympathetically with your home and garden.

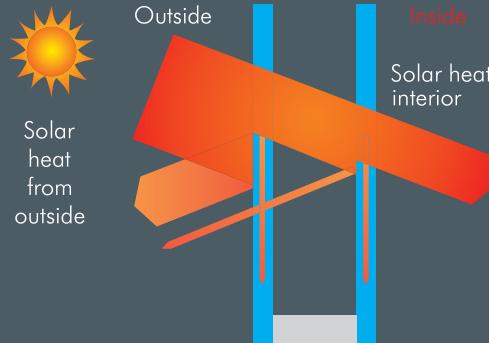
Colours such as Black, Grey, and Cream are also increasingly being used to great effect as well as an array of bespoke coloured woodgrain colours. And remember, unlike their timber equivalents, they will not need painting, and they will be guaranteed for years to come.



Window Energy Ratings



Solar heat gain (Positive)



Solar heat is reflected, absorbed and transmitted

As part of the Governments overall initiative to reduce the levels of carbon dioxide emissions, they have put controls in place to reduce the energy lost from domestic dwellings.

Window heat loss can account for a substantial proportion of the total heat loss from your home. Therefore replacement windows are now energy rated which will help to reduce harmful CO2 emissions and help cut the cost of heating bills.

Ultimate window profiles along with the glass sealed unit specification are fed into a computerised simulation test to measure:-

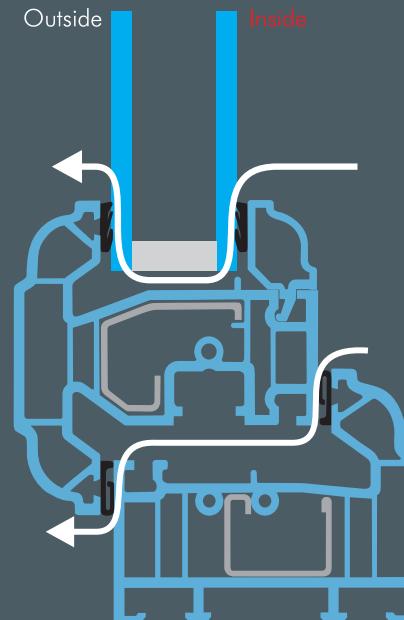
Solar heat gain

Thermal losses

Air losses

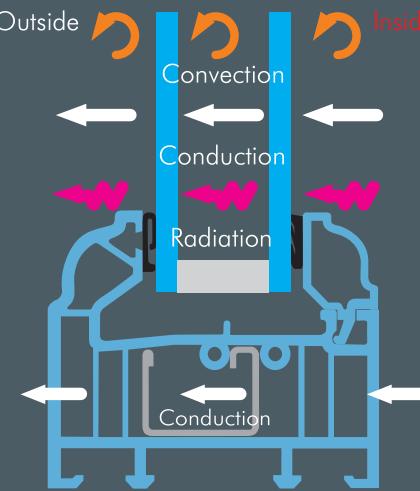
Based on the results, windows are then rated from A-G with A-Rating being the most thermally efficient.

Air losses (Negative)

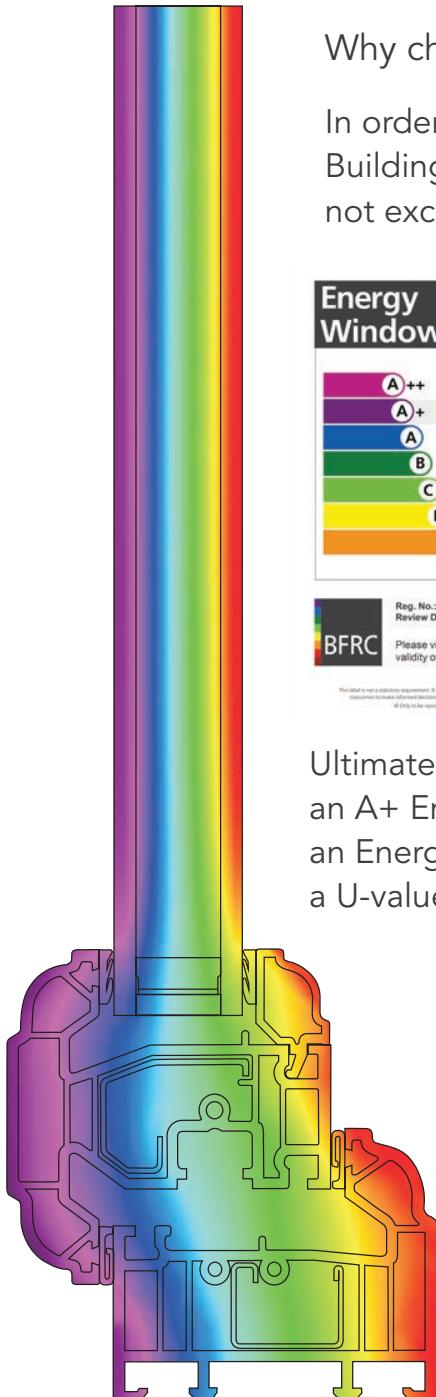


warm air leaks out through the window

Thermal losses (Negative)

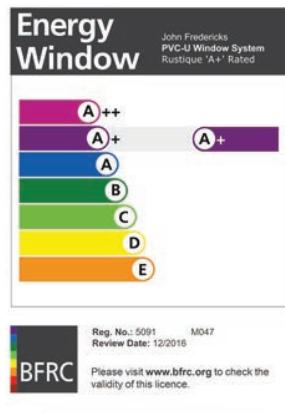
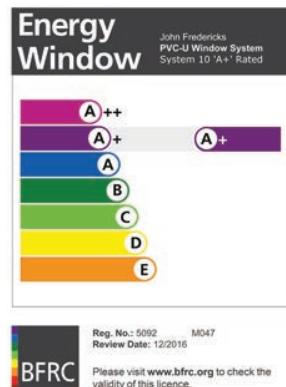


Thermal losses from convection, conduction and radiation



Why choose Ultimate?

In order to meet the governments thermal performance targets and current Building Regulations, all replacement PVC-u windows are to achieve a U-value not exceeding 1.4 (W/m².K) or Window Energy Rating 'B' or better.

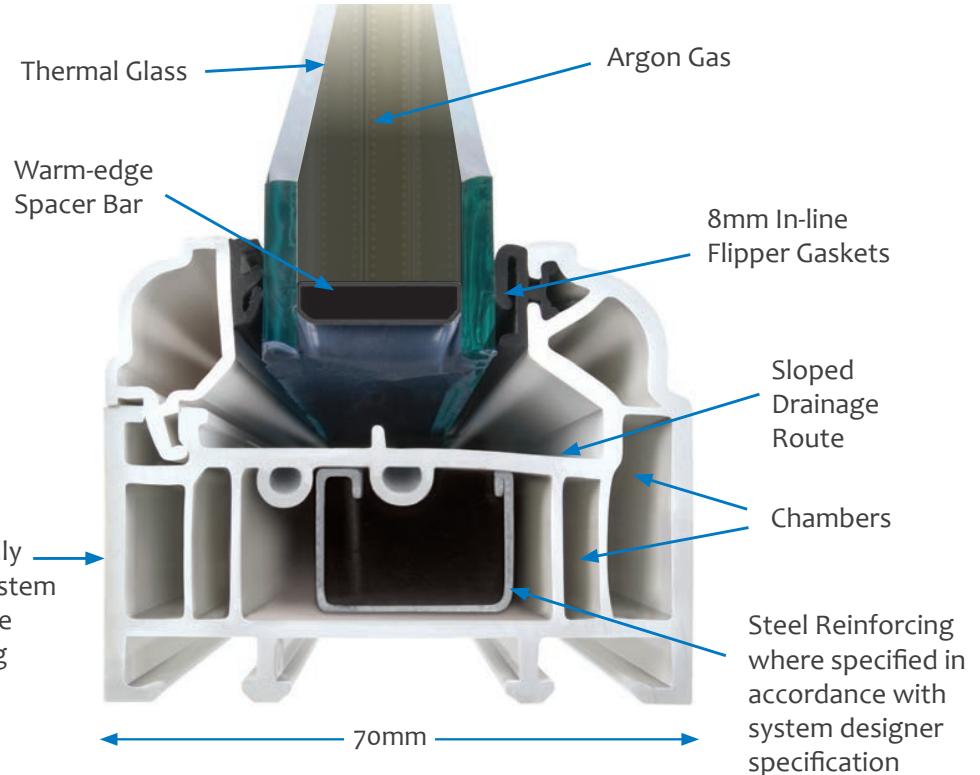
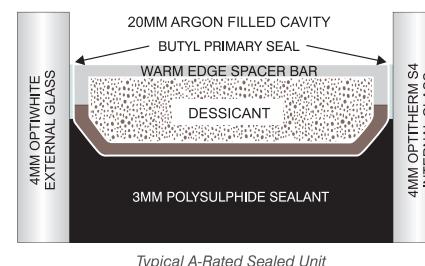


Ultimate Windows achieve an A+ Energy Rating with an Energy Index of 10 and a U-value of 1.4 (W/m².K).

High quality PVC-u material, technically superior profile system incorporating state of the art recycling technology

The red glow shown left, on the internal face of the entire window area symbolises the amount of heat Ultimate windows retain.

As a result, the inside of your property remains warmer and more energy efficient.



ultimate[®]
energy

Reduce home heat loss and save money with Ultimate Energy Efficient Windows.

ultimate® security

The Ultimate window has been refined and designed to protect you and your home and provide you with total reassurance and peace of mind.

The locking technology at the heart of every casement window incorporates 10 security features (subject to casement size*).

A total of 10 security points, in all four directions



BS 7412/PAS 24
KM 36015

2 x steel shoot bolts

4 x central collared cams

2 x high security fire escape / easy clean hinges

2 x 15mm anti-jemmy hinge bolts

* Shoot bolt and night vent functionality are dependent on the dimensions of an opening sash. Therefore small sashes may not have one or both of these functions. Limited night vent locking available on French Casement windows; master sash only on rebated sash French Casements and none on flush sash French Casements.



Steel Shoot Bolts



Collared Cams



High Security Fire Escape / Easy Clean Hinges



15mm Anti-jemmy Hinge Bolts



Trickle Vents installed through the window sashes



Trickle Vents installed through the outer frame
Also showing the functionality of the internal link vent closure plates



Concealed Ventilation installed through the outer frame



Trickle Ventilation is a Building Regulation Requirement

As of 15th June 2022, Approved Document F of the Building Regulations that specifically relates to ventilation, requires that adequate ventilation is provided throughout a property.

Adequate ventilation will ensure that air flows through the property by allowing stale air and harmful pollutants to escape, helping to reduce the spread of airborne viruses such as Covid 19 whilst maintaining a good level of air quality, particularly important to allergy sufferers and those with Asthma.

Ventilation is also crucial in helping to prevent the accumulation of excess condensation which could have an adverse affect on the structure of your home and your health.

In the absence of a suitable mechanical ventilation system, conforming to these regulations requires the use of trickle vents fitted into windows.

Ultimate Collection Windows are able to meet these requirements with an efficient, safe and secure trickle vent for your home.

- Ventilators match to your chosen frame colour
- Hooded external canopy prevents water and insects from entering the home
- Helps to ventilate stale air, harmful pollutants and reduce condensation
- With the innovative 'Link' the closure plate can be positioned to reduce draughts with the benefit of directing air away from the occupants
- Ventilate your house, without having to open the window



Hooded external canopy



Innovative link vent with closure plates

Concealed Ventilation Canopy

You also have the option of concealed ventilation.

The ventilation is built into the head of the outer frame which is concealed by a full width aluminium exterior canopy, colour and finish matched to your window frames.

The same interior link vents with closure plates are used on the inside of the window.





3 section 175mm Midrail

Please be aware the 175mm Midrail is made from 3 sections and features 2 horizontal lines where the 3 sections are joined.



Optional Deep Timber Look Midrail

As an alternative to the standard Slimline Midrail, Ultimate Bespoke doors give you the additional options of the 3 section 175mm Midrail or 1 section Deep Timber Look 195mm Midrail*.

*Options may be determined by frame and colour choice.

Ultimate Entrance Doors

Choosing the right entrance door for your home is an important decision as your front door creates the first impression and the all important kerb appeal.

Your choice of door and glazing design can help define the overall style of your home and add light to an otherwise darkened hallway.

Allow yourself time to decide what is right for your home, whether it be traditional or contemporary you are sure to find a style that suits.

Ultimate doors give you almost endless style and colour choices, so now your door can really reflect your personality. With the vast choice of finish options and an elegant range of door furniture, it's now possible to emulate most timber door styles in PVC-u.

And don't forget, if you would like a door colour that is not within our standard range of colour options, we can arrange to have your chosen door design spray painted in the colour of your choice with the colour applied to both the inside and outside faces, or outside only leaving a fresh white internal finish.



Optional Deep Timber Look Cill

The timber style features can be carried right through to the cill with the option of a timber look PVC-u cill, deeper in proportions to a standard PVC-u cill (also available with Ultimate Collection Windows).





Sliding Patio Doors

Modern day comfortable living comes in a variety of forms.

Where light and space is key, large glass surface areas such as Sliding Patio Doors will help to bring in more light and provide that contemporary spacious feel.

They are particularly suited to rooms restricted in size or space with the doors sliding horizontally and therefore not encroaching on internal space.

Security is covered with opposing hooks locks, internal/external locking, aluminium inter-lock section and anti-lift device.



Bi-fold Doors

Bi-fold doors are designed to provide the ultimate view. These stunning doors instantly create a contemporary look and feel.

With sleek profiles and sympathetically designed handles the doors simply concertina together so you are able to enjoy the maximum opening and invite the outside in.

Modern Bi-folds are designed to withstand the rigours of the UK climate allowing you to sit back and enjoy your garden in comfort all year round.

Bi-folds are available in up to 7 door leafs, over 20 different opening configurations and a range of frame and furniture colour options.

Quality Assurance



ISO 9001:2015
FM 33147



BS 7412
KM 36014



BS 7412/PAS24
KM 36015

Ultimate products are put through regular stringent tests to ensure a consistent high level of quality, but don't just take our word for it...

The British Standards Kitemark is one of the most well known and respected product certification marks in the world and is your reassurance that BSI has checked that your Ultimate PVC-u windows and doors comply with the latest British Standard.

Quality Assurance ISO 9001:2015

This certification was awarded for providing a high level of Quality Control systems throughout manufacture, administration, health & safety, and products including that of our suppliers such as profile and hardware. We are required to give BSI unrestricted access to our offices and factories and allow random samples to be selected for testing on a regular basis.

BS7412. PVC-U Windows

A standard for PVC-u windows whereby a series of mechanical and manual tests are carried out to ensure windows against weather performance and durability.

Enhanced Window Security (formerly BS7950)

A standard for PVC-u windows whereby a series of mechanical and manual tests are carried out to ensure windows against an accepted level of burglar resistance.



BS 7412/PAS24
KM 590739



BS EN1279 PT2
KM 37462
AG Glass



Enhanced Door Security

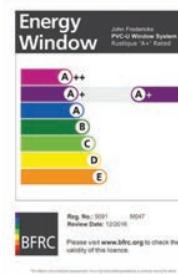
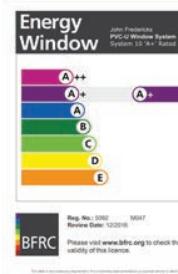
A standard for PVC-u doors whereby a series of mechanical and manual tests are carried out to ensure doors against an accepted level of burglar resistance.

BS EN1279 PT2. Sealed Units

A thorough and daily test routine for double glazed sealed units is carried out to ensure certification. Tests prove that sealed units adhere to correct dew point, sealant correctness and desiccant moisture absorbency.

BFRC. Window Energy Ratings

Windows are assessed using specific glazing and given a rating from A-G for energy efficiency.





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www.theultimatecollection.uk