The best performing windows money can buy

We all want the best from replacement double glazing. That’s why our windows stand apart. From styling to performance to saving energy, the advanced design gives you a comfortable, secure, energy-efficient home.

Reduce wasted energy. Cut bills.
Choosing our windows to replace single glazed or older double glazed units saves money from day one. In fact, it could reduce your heating costs by up to 20% - perhaps worth up to £321 a year.

Choose better looking frames.
Our windows feature low profiles with reflective spacers - so you can’t see them at the window edge. Clear, uncluttered sightlines ensure windows look well proportioned, elegant and attractive.

Stop condensation and noise.
Lower heat loss at window edges makes our glass 3-4°C warmer - cutting condensation by up to 80%. Using high performance gaskets, our double glazing reduces noise pollution, too.

Understanding Window Energy Ratings

The British Fenestration Rating Council’s Domestic Window Energy Rating Scheme provides a way to compare the energy performance of windows on a ‘like for like’ basis. Windows that achieve a minimum C rating or higher can carry the ‘Energy Saving Recommended’ tag.

All our Energy Efficient windows achieve C rated or better energy efficiency. Put simply, they’re the most energy efficient windows your money can buy. Decide what A, B or C rated performance you want; we’ll do the rest.
The next windows you choose could **reduce wasted home energy by up to 20%**

If the windows in your home consist of single glazed or older double glazed units, replacing them with our energy efficient windows will save you money. It can reduce the energy you need to heat or cool your home by up to 20%

**Not all windows are the same**

Double glazed units from different sources may look similar at a glance – but don’t be fooled. Not all windows are the same. If windows aren’t efficient they lose valuable, expensive heat. Many units incorporate spacers using metal such as aluminium which acts as a thermal bridge, instantly conducting heat energy through the frame.

**Energy efficient windows – at the right price**

Our energy efficient window system brings together market leading components to deliver exceptional performance. This means quality performing glass and the best performing ‘warm edge’ spacer technology, is used in the sealed unit. Our window profiles include Q-Lon weather seals, multi-chamber construction, high security locking and stainless steel hinges.

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### Our windows make more of ambient heat

In winter, the energy efficient coated glass used in our windows retains warmth within the home. It’s also designed to exploit radiant heat energy from the sun. These properties, coupled with excellent thermal insulation, result in significant fuel savings compared to a single glazed dwelling.

<table>
<thead>
<tr>
<th>Replacing single glazed...</th>
<th>Could save...</th>
</tr>
</thead>
<tbody>
<tr>
<td>changing timber framed windows to Safechoice ‘C’ rated windows saves:</td>
<td>£140.00 (0.72 tonnes CO₂)</td>
</tr>
<tr>
<td>changing Aluminium framed windows to Safechoice ‘C’ rated windows saves:</td>
<td>£321.00 (1.65 tonnes CO₂)</td>
</tr>
</tbody>
</table>

Average gas heated bungalow/semi. GGF carbon calculator @ 2% inflation.

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### Understanding U-values

The British Fenestration Rating Council’s Domestic Window Energy Rating Scheme provides a way to compare the energy performance of windows on a ‘like for like’ basis. Windows that achieve a C rating or higher can carry the ‘Energy Saving Recommended’ tag.

- Reduce condensation
- Reduce your carbon footprint
- Combat climate change
- Add value to your property

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Choose technology that keeps you warm - right system, right glass
Our energy efficient windows reduce condensation by as much as 80%

Get a better looking, healthier, more comfortable home. Safechoice’s superior design and insulation makes all the difference. Outside, your home looks smarter. Inside, everyone feels the benefit.

Reduce condensation and noise

**Reduced condensation**
The air in homes often has a high moisture content. Whenever we cook, bathe or even breathe, we increase water vapour.

When saturated air contacts a cold surface, condensation forms, promoting bacterial growth and mould. Both can compound respiratory problems such as asthma.

With lower heat loss at the edges, our windows are typically 3-4°C warmer than those with metal spacer bars, reducing condensation by up to 80%.

**Cuts down noise from outside**
In today’s world, it’s difficult to avoid external noise.

Whether you live near a major road, under a flight path or near some vocal wildlife, noise pollution can be a cause of major disruption. With double-glazed insulation and our high performance Q-Lon gaskets, our Energy Efficient Windows will help reduce external noise pollution.

**Peace of mind guarantee**

- To create the UK’s most energy efficient window system, we combine proven technologies and components from world class suppliers.
- Better technology means a longer, maintenance free life.
- Every energy efficient window we install is fully guaranteed against failure for 10 years.
Windows with style

Better looking frames

Modern PVC-u and timber windows frequently include low line glazing beads and gaskets. Some protrude into the sightline and are visible at a window’s edge.

Our glazing system has a low profile. Because it’s slim, it doesn’t obstruct the sightlines making windows more attractive.

Even better, as the matt black spacer reflects the frame colour, it’s almost completely invisible - perfect for recreating more traditional (e.g. Georgian) window styles.

The lower sightlines blend into the profile, making windows more attractive.

Using less energy means less CO₂

Using energy for heating (or cooling) dramatically impacts the environment. Generating energy typically produces greenhouse gases such as CO₂. The more energy we use, the more emissions we create.

Science suggests man-made emissions play a major role in global warming and, in turn, influence climate change. Home energy use alone accounts for 27% of UK carbon dioxide (CO₂) emissions which contribute to climate change.

By making buildings more energy efficient we can reduce energy use and prevent energy waste. In the UK alone, fitting better windows could reduce carbon emissions by almost 5 million tonnes.

The Glass and Glazing Federation calculates that if all UK replacement windows installed were B and C rated (like our windows) instead of the minimum building regulation specification, each household could save the energy equivalent to making 34,000 cups of tea!

Energy efficient windows can reduce your carbon footprint and is a simple, practical way to make a difference - today

Choose technology that keeps you warm - right system, right glass

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How do we do it?

Choose proven technologies for a longer, maintenance-free life – guaranteed.

The components

The spacer
1) Warm edge spacers
Up to 80% of a double glazed window’s energy loss occurs at the glass edge. Ordinary aluminium spacers are highly conductive. In winter they let heat escape and encourage condensation. That’s why our windows feature a warm edge spacer with advanced composite construction. They are up to 22% more efficient at preventing heat transfer around window edge. It also has a 60-75% lower vapour transmission rate, increasing window service life.

In thermal efficiency tests with identical glazing specifications, windows with warm edge spacers outperformed windows using aluminium or foam. Slim and reflective, they don’t obstruct sightlines, but mirror the frame colour. Tested to EN1279, Safechoice windows join over 50 million windows worldwide already using warm edge spacer technology.

The profile
2) Q-Lon weather seals
Our windows feature the innovative Q-Lon weather seals. Offering exceptional performance over a wide temperature range, they don’t shrink or stretch. Instead they retain their original shape year after year to maintain an excellent weather seal.

The unique construction actively absorbs noise pollution, increasing acoustic insulation. Immune to rot, mould, mildew, UV and ozone, CFC-free Q-Lon weather seals will last the lifetime of a window.

3) Multi-chamber construction and insulated beading
Our multi chamber construction is designed to improve strength, thermal and acoustic performance.

4) Bevelled or featured sash, frame and beads
The double clipped hollow glazing bead is designed to aid thermal performance.

Other features
Stainless steel friction hinges – High performance, superior quality.
High security shootbolt system – Peace of mind with ease of operation.

The glass
5) Pilkington glass
Pilkington’s range offers proven products and technologies to meet a range of Window Energy Rating and Building Regulation requirements. Providing the Leading Low E glass in the UK, Pilkington also offers a good balance of U and G values, helping your customers to retain costly energy and exploit radiant heat from the sun. Our energy efficient windows can be specified to meet the requirements of the Pilkington Energikare scheme - further assurance of the credentials of our superior window system.

Choose technology that keeps you warm - right system, right glass
Solar gain, free heat

Our energy efficient windows are manufactured using the latest technology in glass and spacer units.

This not only allows heat generated from your home to be reflected back into the room but also to trap free heat from the sun through solar gain, thus maximising the thermal performance of our windows.

Greener manufacture starts in our factory

From the manufacture of our sealed units, to our sources of supply and our support for recycling and recycling initiatives, our system makes sense – environmentally and commercially.

Our energy efficient windows are produced using the award winning BBA and BFRC approved Duraflex profile systems. Duraflex has achieved the ISO 14001 Environment Management System standard and as a result all window profiles are extruded using 100% lead free.
Your Showroom Locations

**Reading**
20-22 Richfield Avenue
Reading
Berkshire
RG1 8EQ
Tel: (0118) 946 1333

**Maidenhead**
120 High Street
Maidenhead
Berkshire
SL6 1PT
Tel: (01628) 622 644

**Frimley**
42 High Street
Frimley
Camberley
Surrey GU16 7JF
Tel: (01276) 686 500

**Basingstoke**
Unit 5 Chineham Shopping Centre, Chineham,
Basingstoke
Hampshire, RG24 8BQ
Tel: (01256) 688 180

**Ruislip**
72 High St
Ruislip
Middlesex
HA4 7AA
Tel: (01895) 544 400

**West Byfleet**
49 Old Woking Road,
West Byfleet
Woking
Surrey
KT14 6LG
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**Staines**
10 Stainash Parade
Kingston Road
Knowle Green
Staines
Middlesex TW18 1BB
Tel: (01784) 44 22 33

**Wokingham**
21 Denmark Street
Wokingham
Berkshire
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Tel: (0118) 977 1144

**Whitton**
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Tel: (020) 8893 8222

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