



Energy **efficient**

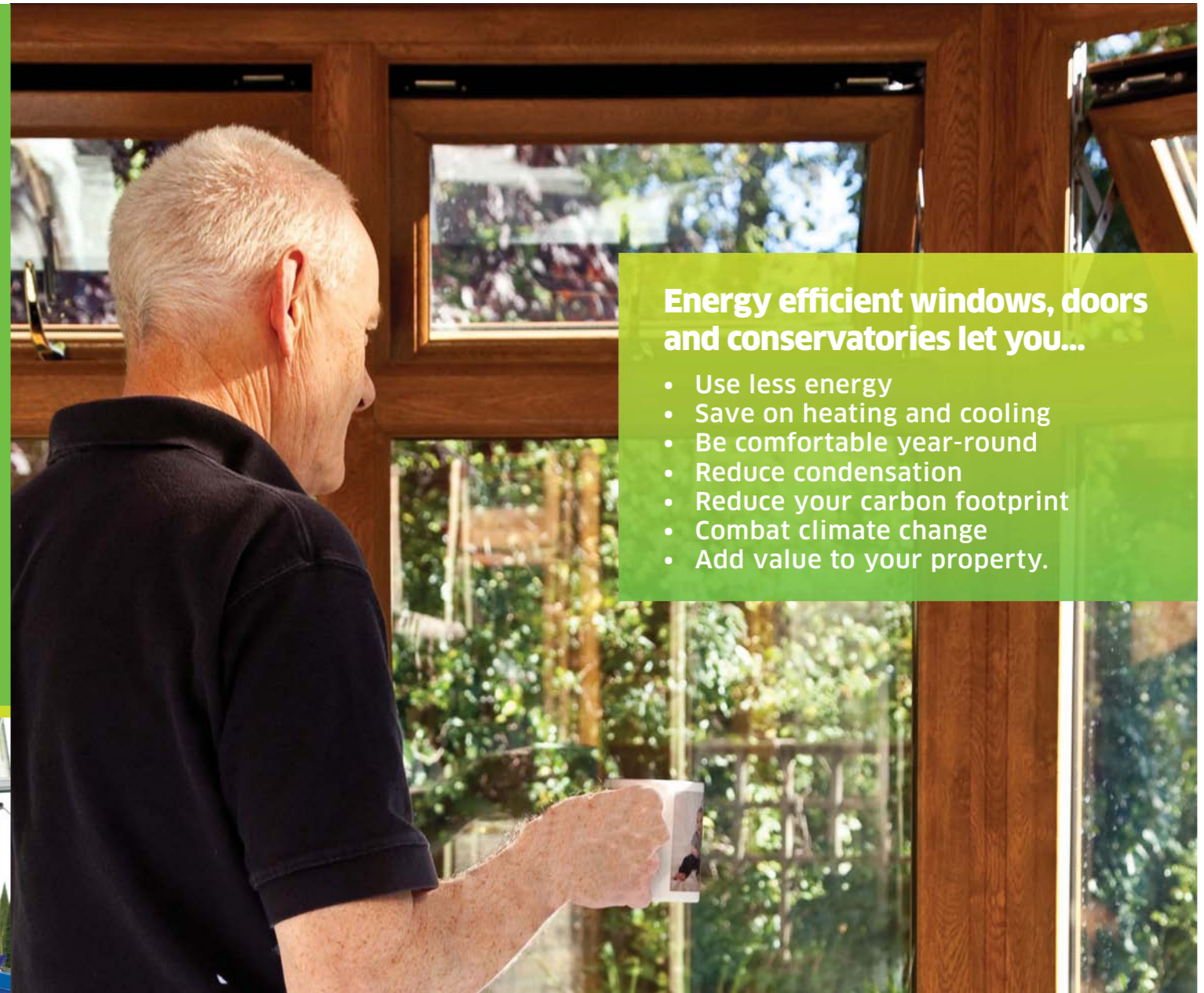
windows, doors and conservatories

Make a better choice



A better choice

for you and your home



Energy efficient windows, doors and conservatories let you...

- Use less energy
- Save on heating and cooling
- Be comfortable year-round
- Reduce condensation
- Reduce your carbon footprint
- Combat climate change
- Add value to your property.

Modern double glazing doesn't just look good. It can save you money too. From styling to performance to saving energy, our advanced glazing technologies are engineered to give you a comfortable, secure, quiet, energy efficient home.

Reduce wasted energy. Cut bills.

Choosing energy efficient windows, doors and conservatories to replace single glazed or older double glazed units saves energy from day one. In fact, replacing the windows alone could reduce your heating costs by up to 20% - perhaps worth up to £321 a year*.

Choose better looking frames.

Clear, uncluttered sightlines ensure windows look well proportioned, elegant and attractive. Features like our low sightline q-lon weatherseal ensure performance and style with savings.

Reduce condensation and noise.

Lowering heat loss at glass edges can cut window, external door and conservatory condensation by up to 80%. Glass units and our high performance Q-Lon gasket helps reduce noise pollution over a wider temperature range, too.

Reduce your carbon footprint. Cut CO₂.

The more energy you use for heating, the more CO₂ you create. That's your 'carbon footprint'. Fitting energy efficient windows could cut your CO₂ production by as much as 1.65 tonnes.*

* Replacing single glazed aluminium windows with energy efficient 'C' rated double glazing in an average gas heated bungalow/semi. GGF carbon calculator @ 2% inflation.



Keep more of your heat in your home

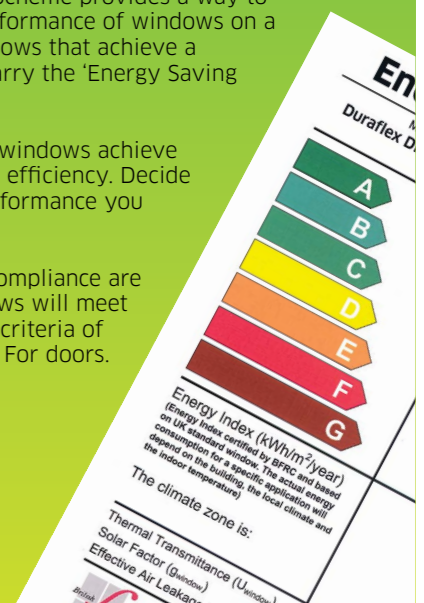
Heat lost through old or poorly engineered windows, external doors and conservatories can be huge. But new energy efficient products keep more heat in your home. The right hand side of the property above still has the original windows - the red and pink areas show heat escaping. The new extension on the left has energy efficient windows fitted. The absence of reds and pinks shows the dramatic reduction in heat loss.

Understanding Energy Ratings for Windows, doors and conservatories

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.

All our Energy Efficient windows achieve C rated or better energy efficiency. Decide what A, B or C rated performance you want; we'll do the rest.

Alternative method of compliance are 'U' values, all our windows will meet or exceed the minimum criteria of 1.6 For windows and 1.8 For doors.





Cut wasted home energy by up to **20%**

Improve comfort. Reduce energy bills. **Save Money**

If your windows, external doors or conservatory consist of single glazed or older double glazed units, replacement with energy efficient windows will save you money. It can cut 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 not all windows are the same. If windows and doors aren't energy efficient they lose valuable, expensive heat.

The insulation quality of the glass or profile used in conventional units can often be poor. In cold weather, heat energy escapes outside and is wasted. In warm weather, the sun's heat travels through the window and frame making the room uncomfortable.

Energy efficient windows. A choice that's right for you

Our energy efficient choices use market leading components to deliver exceptional performance. Whether you need replacement windows, external doors or a new conservatory, A, B or C rated options and minimum 'U' value products are available in almost every style and design. Decide what you like... and let us quote for better performance.

Compared to conventional products you'll use less energy to maintain a comfortable environment. With the rising cost of fuel, your fuel bills will be lower.

Let us make your home more efficient throughout - and make your budget go further.



Coated glass makes more of **ambient heat**

In winter, energy efficient coated glass 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.

Average fuel savings from single glazed to energy efficient 'C' windows on the average house are:

£157.00
per year for gas

£236.00
per year for electricity

This equates to a reduced carbon footprint of 0.31 tonnes per year, which equates to a 19% saving. This almost equals the 20% reduction that EST ask consumers to target as part of their commitment to reduce carbon emissions.





Energy efficient windows, doors and conservatories **reduce condensation** by as much as

80%



Using less energy means less

CO₂

Energy efficient windows, doors & conservatories can **reduce your carbon footprint**



Reduce condensation and noise

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.



Windows, doors and conservatories with style

Get a better looking, healthier, more comfortable home.

Energy efficient design and insulation makes all the difference. Outside, your home looks smarter. Inside, everyone feels the benefit.

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 energy efficient windows, doors and conservatories are warmer than those with metal spacer bars, reducing condensation by up to 80%.

Less 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 high performance construction, energy efficient glazing and profiles will help reduce external noise pollution.

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 emissions by almost 5 million tonnes.

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

We all need to think and act greener. By insisting on our energy efficient windows, you'll help reduce greenhouse gas emissions. You can help in the challenge to combat climate change and make a lasting difference - today.



REDUCE YOUR CARBON FOOTPRINT

Greener manufacture

From the manufacture of our products, to our sources of supply, to our support for recycling and recycling initiatives, our energy efficient options make sense – environmentally and commercially.

Our energy efficient options are produced using the award winning BBA and BFRC approved Duraflex profile systems. Duraflex has achieved the ISO 14001 Environment Management System and was awarded the Regional Business of the Year Award in 2007 in recognition of its environmental achievements.

www.duraflex.co.uk



BS 7950
KM 33502



BS 12608
KM 12894



PAS 23/24
KM 79759



Assessment Report
No. 1576, 2662



Certificate No 04/4902
Duraframe Cavity Closer



EMS 514848



FM 10093



Call us

See how we can cut your energy bills and add value to your property.

T: 08705 351351

Details correct at time of going to press December 2010. We reserve the right to make changes to specification, system or product details.