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Window Energy Ratings & Recycling

Leading the way to a more sustainable future



Sierra makes the A grade

As the original super fabricator, at Sierra we are continually enhancing our product offering to keep you one step ahead. The latest addition to our innovative product range is our advanced 'A' rated window, now available to all glazed customers. We have invested time and money to achieve this A rating in order to help you address the ever increasing demand for more sustainable products.

At a time when there are significant challenges in the marketplace, Window Energy Ratings (WERs) can offer you new opportunities to differentiate your products and win new business sales. More and more we are being encouraged to address our carbon footprint and become more environmentally-conscious and this has led to an increased consumer demand for sustainable products.

Energy Window	
Sierra Windows PVC U Casement Window Profile 22 FC System A rated	
	A
Energy Index (kWh/m ² /year) <small>(Energy Index certified by BFRG and based on UK standard window. The actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)</small>	2
The climate zone is:	UK
Thermal Transmittance (U _{window})	1.4 W/m ² .K
Solar Factor (g _{window})	0.45 W/m ² .K
Effective Air Leakage (L _{air})	0.00 W/m ² .K
	Reg. No.: 707 www.bfrc.org
<small>This label is not a statutory requirement. It is a voluntary label provided as a customer service to allow consumers to make informed decisions on the energy performance of competing products.</small>	



The 'C' grade alternative



Windows rated A-C are now considered best practice by the Energy Savings Trust as they use much less energy and therefore have less of an environmental impact as well as being cheaper to run.



As well as introducing our advanced A rated window we now also offer a highly efficient C rated window which gives you the opportunity to tailor your offering to your audience. You have the option to down sell or up sell depending on the importance of energy efficiency to the individual home owner.

Energy Window

Sierra Windows
PVC U Casement Window
Profile 22 FC System C rated

	C
Energy Index (kWh/m ² /year) <small>(Energy Index certified by BIFRC and based on UK standard window, the actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)</small>	-17
The climate zone is:	UK
Thermal Transmittance (U _{frame}) Solar Factor (g _{sol}) Effective Air Leakage (L _{air})	1.6 W/m ² .K 0.42 W/m ² .K 0.00 W/m ³ .K

Reg. No.: 704
 www.bifrc.org

This label is not a statutory requirement. It is a voluntary label provided as a customer service to allow consumers to make informed decisions on the energy performance of competing products.

All round benefits

Energy rated windows provide benefits for all parties concerned which is why it is essential that you can offer them in this green conscious society.

Specifying Advanced Performance Windows

The Benefits	Cost Saving Per House 35 Year Period <small>*at today's prices</small>	CO ² Saving Per House 35 Year Period
	£6580.00	60 Tonnes
	£6055.00	45 Tonnes
	£5530.00	30 Tonnes
	£5005.00	27 Tonnes
	£3955.00	24 Tonnes

The benefits

For you...	The Environment...	Your customer...
<ul style="list-style-type: none"> ✓ Enables you to offer a unique proposition in a competitive market 	<ul style="list-style-type: none"> ✓ CO² is the main green house gas responsible for global warming 	<ul style="list-style-type: none"> ✓ Can reduce heating bills by an estimated 20% per year
<ul style="list-style-type: none"> ✓ Provides an appealing option for green minded consumers 	<ul style="list-style-type: none"> ✓ Energy rated PVC-U windows are one of the most effective ways to reduce CO² emissions 	<ul style="list-style-type: none"> ✓ Reduces their carbon emissions and hence their carbon footprint
<ul style="list-style-type: none"> ✓ A and C rated options allow you to down or up sell accordingly 	<ul style="list-style-type: none"> ✓ A rated windows can save 60 tonnes of CO² emissions over a 35 year period 	<ul style="list-style-type: none"> ✓ PVC-U windows are expected to last 40 years
<ul style="list-style-type: none"> ✓ Establishes you as an environmentally responsible company 	<ul style="list-style-type: none"> ✓ PVC-U is not only energy efficient but also a recyclable material 	<ul style="list-style-type: none"> ✓ PVC-U windows are 55% more efficient than 15 years ago

Getting the message across

Consumers are starting to recognise the Window Energy Ratings approved label and this is giving energy-efficient products stronger consumer appeal. Energy-efficiency isn't always the deciding factor but going forward, it will definitely become more influential. In order to help you communicate the benefits of WER's to your customers we have designed a retail leaflet for your use.



Recycling for a sustainable future

At Sierra we take our sustainable approach to our business one step further. Over and above offering the most energy efficient products we also offer a recycling service via our sister company Dekura, the UK's leading PVC-U recycler and the only company in the UK to recycle both post manufacturing and post consumer waste.

With rising landfill costs, growing environmental awareness among consumers, not to mention a raft of new regulations, the PVC-U window and door industry faces pressure to establish its green credentials. PVC-U is not only energy efficient but fully recyclable; that's a powerful consumer proposition.



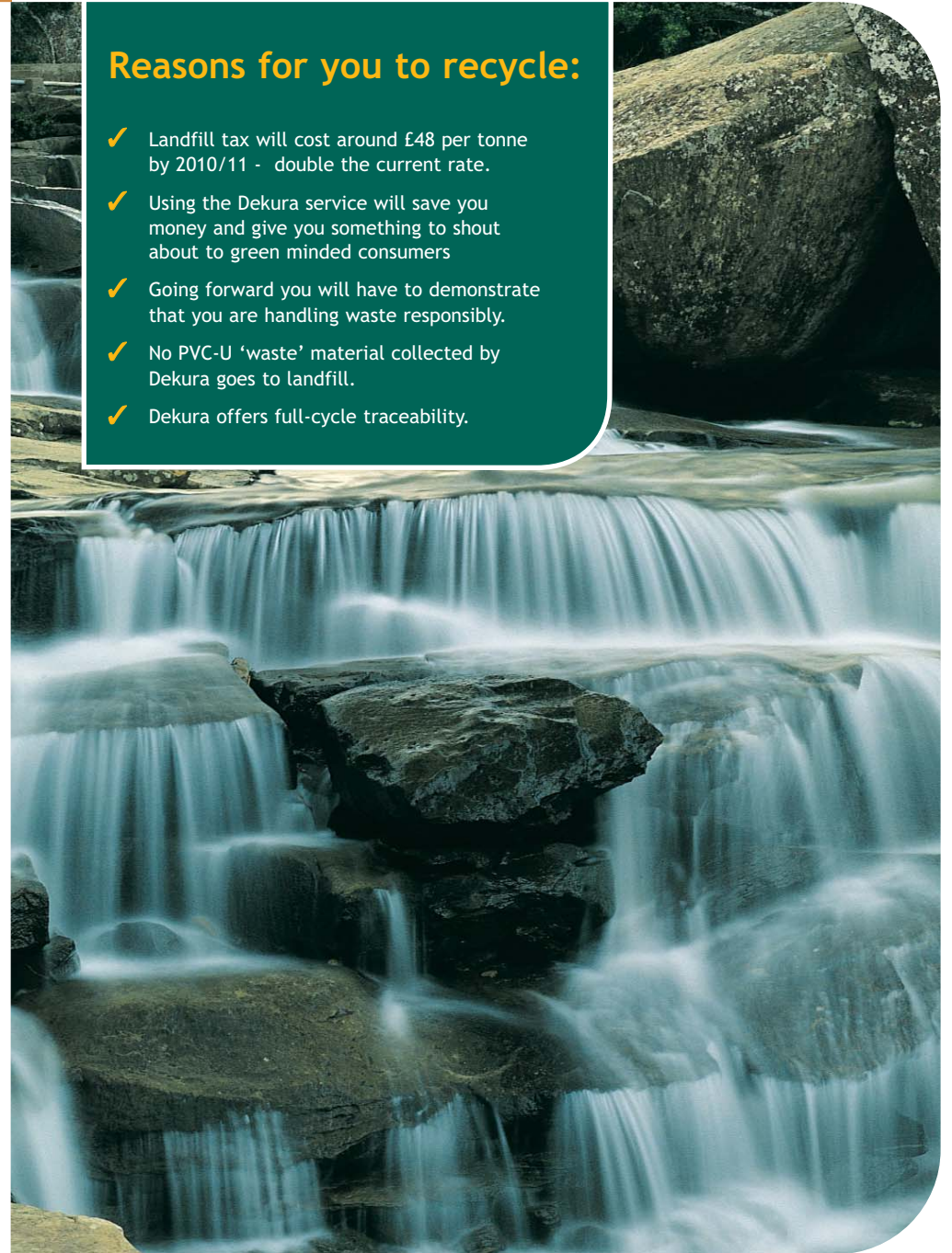
Dekura can remove and recycle your old PVC-U frames **FREE** of charge.* Via this process The Epwin Group is already bringing this recycled material back into use which is closing the loop on the recycling process giving each PVC-U product a potential life span of 400 years, making PVC-U one of the most sustainable materials used by the building industry.

For more information on how you can make your business more sustainable email your details to:

info@sierrawindows.co.uk

Reasons for you to recycle:

- ✓ Landfill tax will cost around £48 per tonne by 2010/11 - double the current rate.
- ✓ Using the Dekura service will save you money and give you something to shout about to green minded consumers
- ✓ Going forward you will have to demonstrate that you are handling waste responsibly.
- ✓ No PVC-U 'waste' material collected by Dekura goes to landfill.
- ✓ Dekura offers full-cycle traceability.



* Please note there is a minimum quantity of waste required for Dekura to collect.