



KM566095

Uniclass L41306:P51+P7114	EPIC D1316:X5+X725
CI/SfB (31.44)	Xi+n6

The Home of Sash Windows



Window Energy Rating	
GLYNGARY KM 566095	
Classic 300 (Accoya)	
A	A
B	
C	
D	
E	
F	
G	
Efficiency rating (kWh/m ² /year) Energy rating certified to BS and based on a UK standard window. Heat energy consumption for the product will depend on the building, its location and internal temperature.	
Country:	0 UK
Thermal Transmittance	1.8 W/m ² K
Solar Factor	0.86
Air Leakage	0.05 W/m ³ K
www.Kitemark.com	
Kitemark and the Kitemark logo are registered trademarks of Kitemark.	
Approved Document L1B 4.2.2	

Glyngary®

www.glyngary.co.uk
www.glyngaryhardware.co.uk

welcome

to the home of sash windows

Welcome

Welcome to 'The Home of Sash Windows' and our latest brochure detailing Glyngary's extensive range of window products in timber and PVCu.

After listening to customers, we understand that sourcing quality sash windows can be problematic. Choosing the best company for the job isn't easy with many unable to deliver on the sales promises they make. Slow response times, unreliability and poor product quality are experienced all too often whilst quality, service and value for money can rarely be relied upon from one firm alone.

Glyngary is different. A family-owned firm since 1985, we pride ourselves on our ability to consistently deliver the quality, service and value customers are looking for, each and every time. All products are manufactured in our own well equipped and modern facilities by a fully trained and expert workforce. We pride ourselves on the quality of our staff and they, in turn, appreciate that the level of workmanship put into a window reflects on both their own and Glyngary's reputation.

Our passion for customer service is reflected throughout every level of our organisation. Although small in comparison to others, our fully integrated sales office ensures that every customer enquiry is dealt with effectively. Whether it's a quote, delivery lead time, product advice or general enquiry, you can be assured that every call will be dealt with efficiently. At Glyngary we never forget the vital role customers play in the success of our business and yours.

We welcome visitors to take a tour of our facilities and showroom. For those who cannot visit we offer a CD-ROM 'Factory Tour', please telephone for a copy.

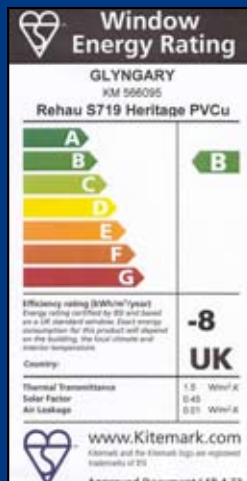
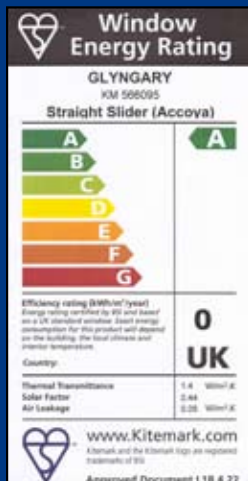
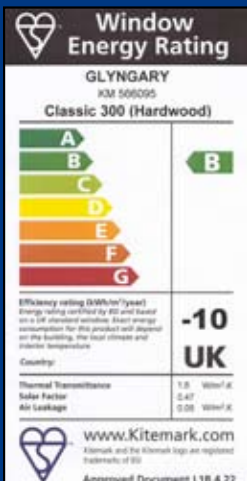
We hope you enjoy looking through our new brochure and find the products you are looking for, we have tried to cater for all possible applications, but if you have a bespoke enquiry, please do not hesitate to contact us.

Glyn
Glyn Yates
Director

contents

rehau S719 projects
 rehau S719 specifications
 rehau S719 features
 traditional 300
 classic 300
 section profiles
 options and accessories
 standard mock
 superior mock
 straight slider
 slide and tilt
 vari-vent
 projects

1-2
 3-4
 5
 6-7
 8-10
 11
 12-13
 14
 15
 16-17
 18-19
 20-21
 22



Glyngary's Energy Efficient windows consist of highly insulated double glazed units allowing the maximum amount of solar energy to pass through the glass into the room providing free solar heat gain. The advanced glass coating then reflects the heat back into the room rather than letting it escape.

Glyngary has achieved 15 WER ratings so far, and we are continuing to certify products. All 15 products are either 'A' or 'B' rated, which is most impressive, when a 'C' is considered as compliant.

glyngary

built on quality and reliability



Glyn Yates

Sales & Marketing Director

“we are passionate about giving our customers the highest quality service of any supplier in the UK.”



passion craftsmanship
dedication quality



“we believe that we are the only company in the UK with the ability to manufacture both the highest quality PVCu and timber sliding sash windows.”



Gary Yates
Production & Technical Director



added value choice
reliability knowledge

production

workshops



PVCu windows

rehaU heritage



WINDOW
DESIGN



rehau projects



rehau S719

Rehau's 'Heritage' Sliding Sash window replicates the fine detail of a traditional sliding sash window combined with the performance of a premium PVCu window, resulting in probably the best example on the market. As the name suggests, 'Heritage' are ideal for traditional applications, refurbishment or 'new build'.



heritage

S719 rehau



2

rehau S719

The above image shows a Council housing project in Cumbria. Looking to improve and modernise a row of terraced properties, the Council wanted to keep the traditional external appearance whilst making the

windows lower in maintenance. The Heritage Sliding Sash window provided the perfect solution.

The Heritage Sliding Sash window has already been

approved by other Council planning departments for use in a number of other housing projects where traditional aesthetics are required.



specifications

rehau s719

General Description

Two sashes built into the frame sliding in opposing directions and fixed in any desired position.

Subframe (making up 3 sides of the window) - welded at the top two corners and mechanically screw fixed at the bottom with a cill.

Profile Design

An efficiently designed reinforced profile designed with front chambers to achieve good heat insulation and allow isolated drainage.

Frame & Cill

137mm frame depth with two cill options - flush or overhanging (76mm). Cills form an integral part of the frame and are mechanically jointed.

Sash Options

Heritage applications - three sash profiles replicating the traditional external putty line chamfer with a sculptured joinery detail on the inside glazing bead. Traditional timber aesthetics are replicated by combining sight lines of 42mm, 52mm or 62mm with the 75mm Heritage Deep Bottom Rail. 10mm incrementally stepped sash profiles allow equal glazing sight lines to run from top to bottom sash.

Seals

Each window frame contains six weather seals between sash and frame. These provide an excellent barrier against both water and air ingress. The sub-frame is stepped twice protecting the brush seals against



external dirt and rain. An outstanding insulation factor is achieved by concealing the edges of the sashes.

Fittings

A wide variety of standard fittings may be used. Rehau's injection moulding ensures the firm and reliable location of the sash whilst an adjustable pivot bar facilitates the installation or removal of the sash. Steel reinforced sliding latches allow the sashes to be tilted inwards for cleaning purposes. Latches can be locked off if required, to prevent unauthorised tilting of the sash. Suitable for standard balances of 14mm or 19mm diameter.

Glazing

Rehau Heritage Sliding Sash Windows are internally beaded to take a 24mm or 28mm double glazed unit. Supplied with or without glazing.

Spiral Balances

The spiral balances carry a 5 year guarantee. They are all pre-tensioned, however occasionally a nominal adjustment is needed after glazing. This operation is carried out in the factory if the windows are 'factory glazed'.

Surface Mounted Georgian Astragals

Surface mounted Georgian astragals keep the glazing bars as slim as possible. Bars are bonded to the glass and sealed within the double glazed unit for an authentic looking Georgian bar grille.

Colour

Main profiles are extruded in Rehau white ref. 159. In addition, Rosewood & Oak foils are available. All gaskets and low-level co-extruded profiles supplied in a standard silver colour.

3





Technical Sales Arguments

- Stepped frame design and triple brush seal guarantee a good seal against water and air penetration.
- A triple seal protects the area where bottom rail and cill meet, the outer one being a high performance siliconised seal.
- Rehau silicone seals (RAU-SIK) have an outstanding reversion characteristic and exemplary elasticity over time. They are available in black and white, remaining elastic even at temperatures as low as -60°C.
- The front chamber design ensures a high heat insulation value and good isolation of the metal reinforcing. In addition, this design allows good drainage and ventilation.
- A high degree of security is achieved by means of a cam-lock and interlock. The interlock makes the operation of the cam-lock impossible from the outside.
- Where requested, the interlock profile can be installed without the normal routing so that the tilt-inward facility is disabled.
- All fittings are screwed into steel or aluminium or through special details into the walls of the PVCu.
- Interlock profiles slide into position and cannot be removed by force once installed, unlike competitors systems which feature snap on interlocks which can be removed more easily.
- All normal installation requirements are catered for by the two different cill options.
- The subframe design incorporates separate channels allowing varying sizes of balances to be installed and provides the locating points for the sliding latches. Through this design we are able to offer assurances regarding the longevity and reliability of the system.
- Heritage aesthetics – superior sightliness and sash detailing.

Tilt Restrictors

Sashes tilt inward, as standard, for cleaning purposes. Without restrictors, sashes tilt through 90° to rest on the window board. With restrictors, windows tilt to approximately 40° from the vertical.

Maximum Sizes

1500mm – Width
3000mm – Height

Areas of Use

The Rehau Vertical Slider is suitable for both domestic and commercial installations.

It is particularly suitable for use in the renovation of listed or historic properties where it has gained widespread approval.

Material

Rehau window profiles are manufactured from weather resistant impact modified RAU-PVC 1406, a resilient material with over 25 years of use in window production and certified to DIN 7748 PVC U-D-E-080-25-28 and BS74413.

Heat Insulation

RAU-PVC 1406 has a heat insulation value of 0.21 W/m² K.

Heat insulation glass is able to reach U-values of 1.3 W/m² K.

Noise Insulation

Levels of noise insulation are dependent upon the glazing used.

Double glazing 4-16-4mm (30 dB)

Double glazing 6-14-4mm (34 dB)

4



rehau PVCu

heritage sliding sash

5



rehau S719

The main features are:

- Deep bottom rail
- Slim meeting rail
- Slim sash profile
- In-line sash sightline
- Slim surface mounted Georgian astragals
- Chamfered external profile to replicate traditional putty line
- Decorative horns



timber windows



conservation

traditional 300

6



traditional 300

Traditional 300 is a Sliding Sash window, so named because the design dates back over 300 years. Manufactured in both softwood and hardwood, the sashes are hung on traditional lead weights and rebated for single glazing. The window is fully draught sealed. Glazing can be either putty pointed or secured by beads.

“a promise means nothing until it is fulfilled”



traditional 300

single glazed window



7



authentic classic 300



classic 300

Based on the same design as the Traditional 300, the Classic 300 incorporates double glazing and draught sealing throughout.

To comply with Scottish building regulations, the Classic 300 may be fitted with the Simplex System, which allows the bottom sash to open inwards, for cleaning purposes.



“a modern window
from a company with
traditional values”



classic 300

double glazed window



classic 300

Classic 300 can also be supplied with traditional glazing bars (36mm) incorporating individual glazed units. Alternatively, with astragals (24mm) bonded to the double glazed units. Within the double glazed units there is an authentic 'grille' to replicate individual units.



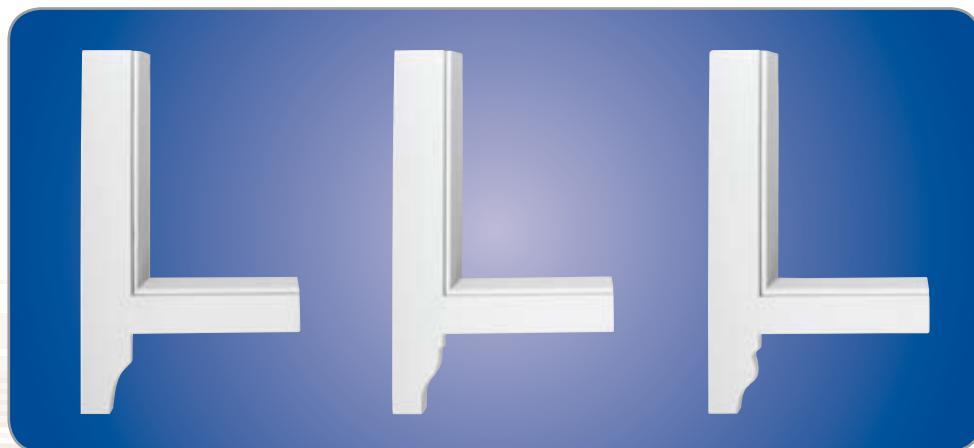
10



The Traditional 300 and Classic 300 windows can incorporate fittings that allow the bottom sash to open inwards.



section profiles



11



options and accessories

inside trims



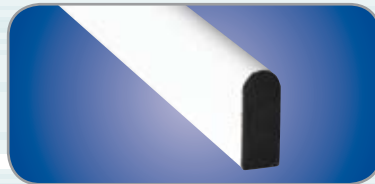
parflip



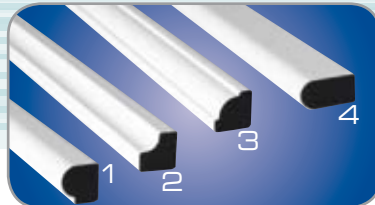
sash horn style A



parting bead



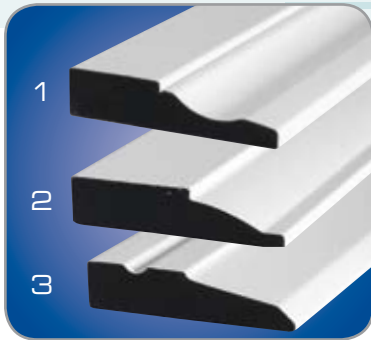
staff beads



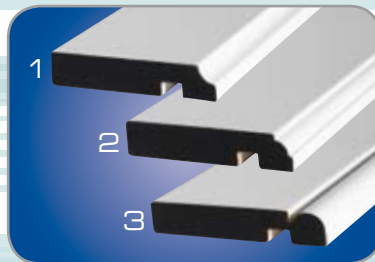
sash horn style B



architraves



outside linings



sash horn style C



linings & window board



glazing beads



astragals



12

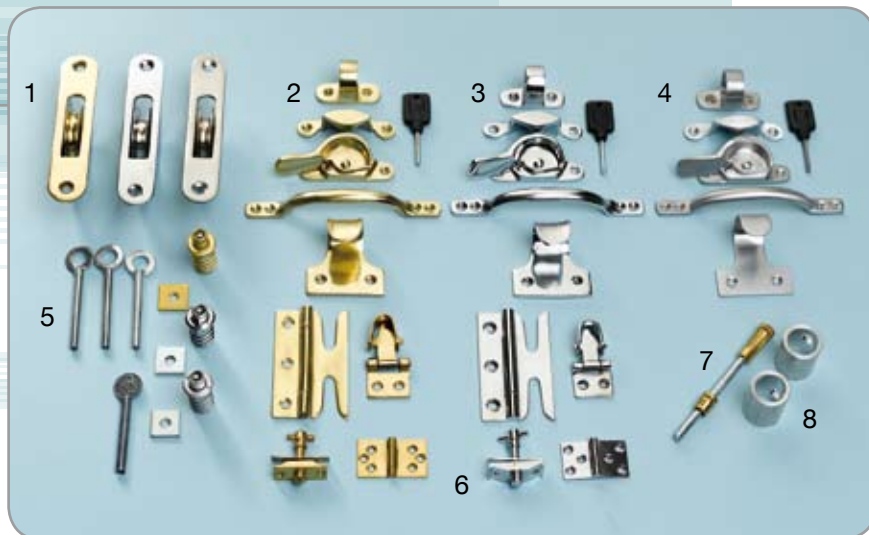


architraves

a full range



13



standard mock

top opener

14



standard mock

Top opener over a fixed pane. The Standard Mock window is a stormproof casement window but with sash stiles left long in order to imitate the horn below the bottom rail of the top sash. The sash is hung on butt hinges and operates on a traditional casement stay. A staylock secures the window.



“a professional service with a personal touch”



superior mock

top opener



15

superior mock

Top opener over a fixed pane. The Superior Mock window has traditional sections as specified on a vertical straight slider. The bottom section has a dummy sash (fixed), the top opens outwards on stainless steel friction stays and is secured by a locking casement fastener.



modern straight slider



16

straight slider

The traditional vertical straight sliding window has been made for the last 300 years or more, in this window however, we have two modifications. Firstly the sashes are operated by spiral/spring balances. And secondly we have applied up to date technology and design to the seals. The sashes are secured with a solid brass fitch fastener.

“our absolute fundamental aim
is to satisfy our customers”



straight slider

spiral balanced window



17



versatile

slide and tilt



slide and tilt

The Slide and Tilt window looks like a vertical straight slider but has a tilt-in facility, primarily for cleaning purposes. The window is manufactured with spiral balances, operating within an aluminium channel. The sashes are secured by way of fitch fastener.

Please note: Traditional horns are not offered as an integral part of the sashes as they would impede the operational function of this window. However, if required it is possible to attach dummy horns, albeit slightly inboard of their normal position.

18

“a fair deal to you means a great deal to us”



slide and tilt

sash window



19



elegant vari-vent

20



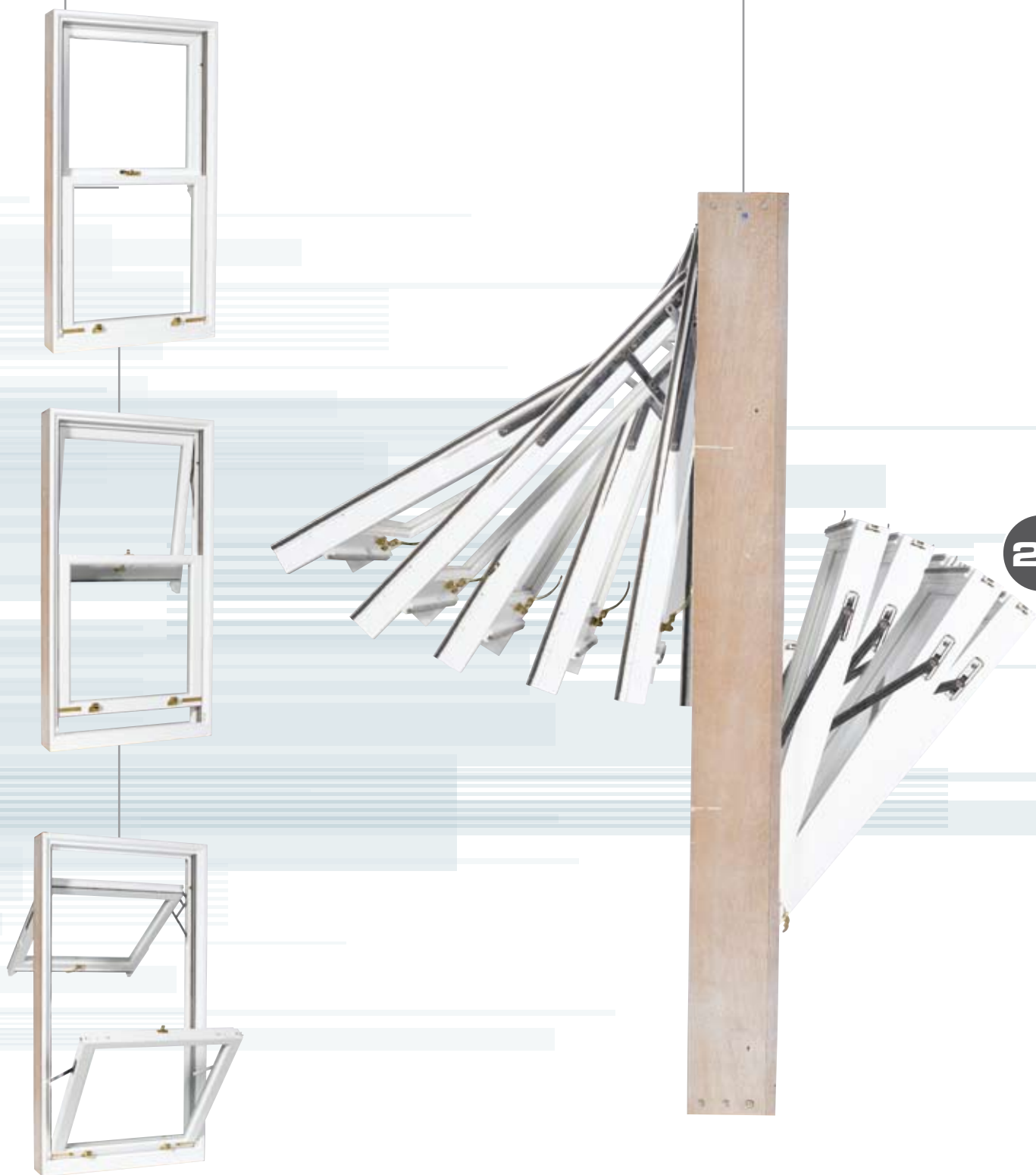
vari-vent

Both designed and developed in-house, the Vari-Vent is exclusive to Glyngary. Vari-Vent looks like a vertical slider but for ease of use and to obtain maximum ventilation, the top sash opens outwards on stainless steel friction stays and the bottom slides vertically tilting inwards. The bottom sash is fitted with two 100mm slide bolts, so that the bottom sash can be secured whilst the top sash is open. When completely closed, the sashes are secured by a locking casement fastener.



vari-vent

high ventilation window



21



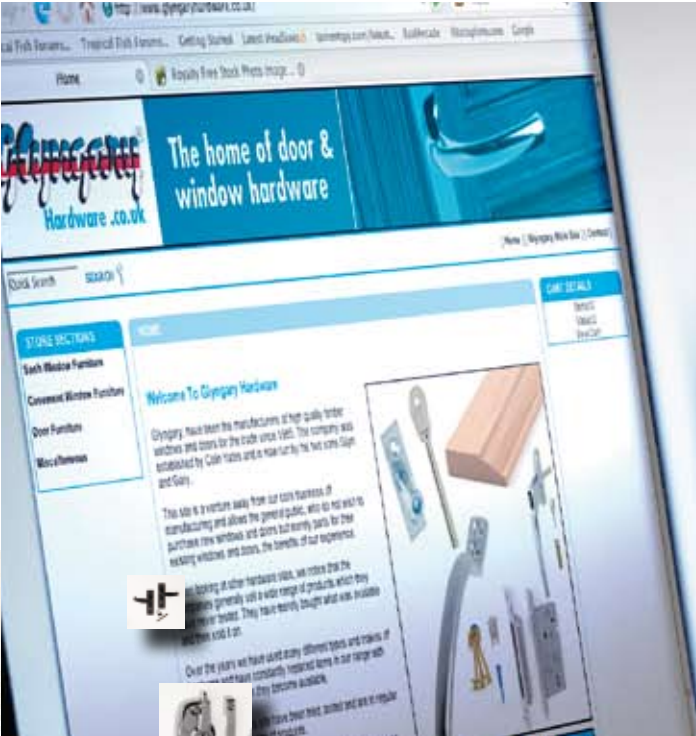
projects

throughout the country



22





Glyngary®

quality window & door hardware direct from glyngary's own online e-tailing site

www.glyngaryhardware.co.uk

Glyngary Energy Efficient Windows

<p>Window Energy Rating GLYNGARY KM 566095 Flush Sash-Shootbolt (Softwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) +2 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.4 W/m².K 0.45 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Straight Slider (Softwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) -3 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.6 W/m².K 0.45 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Straight Slider (Hardwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) -10 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.6 W/m².K 0.45 W/m².K 0.01 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Straight Slider (Accoya)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) 0 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.5 W/m².K 0.48 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Classic 300 (Softwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) -4 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.4 W/m².K 0.47 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>
<p>Window Energy Rating GLYNGARY KM 566095 Flush Sash-Shootbolt (Hardwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) -5 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.5 W/m².K 0.45 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Stormproof-Shootbolt (Softwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) 0 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.4 W/m².K 0.45 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Rehau S719 Heritage PVCu</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) -8 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.5 W/m².K 0.45 W/m².K 0.01 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Stormproof-Pegstay (Hardwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) +1 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.5 W/m².K 0.48 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Stormproof-Pegstay (Softwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) +5 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.4 W/m².K 0.47 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>
<p>Window Energy Rating GLYNGARY KM 566095 Flush Sash-Pegstay (Softwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) +6 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.4 W/m².K 0.46 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Stormproof-Shootbolt (Hardwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) -6 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.5 W/m².K 0.45 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Classic 300 (Hardwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) -10 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.6 W/m².K 0.47 W/m².K 0.05 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Flush Sash-Pegstay (Hardwood)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) 0 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.5 W/m².K 0.48 W/m².K 0 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>	<p>Window Energy Rating GLYNGARY KM 566095 Classic 300 (Accoya)</p> <p>A</p> <p>Efficiency rating (kWh/m²/year) 0 UK</p> <p>Thermal Transmittance Solar Factor Air Leakage 1.4 W/m².K 0.46 W/m².K 0.05 W/m³.K</p> <p>www.Kitemark.com Approved Document L1B 4.2.2</p>