



LGS Windows

PROJECT PROPOSAL

Presented by LGS Windows



Project Summary

		Each (inc. VAT)	Total (inc. VAT)
	1. Bedroom 1 Quantity: 1 Supply & Fit - Remove & replace	£949.79	£949.79
	2. Main Bedroom Quantity: 2 Supply & Fit - Remove & replace	£931.03	£1,862.06
	3. Rear Doors Quantity: 1 Supply & Fit - Remove & replace	£2,134.33	£2,134.33
	4. Rear Porch Quantity: 1 Supply & Fit - Remove & replace	£1,510.07	£1,510.07
	5. Rear Porch Quantity: 2 Supply & Fit - Remove & replace	£584.00	£1,168.00
	6. Dining Room Quantity: 1 Supply & Fit - Remove & replace	£921.60	£921.60

Quotation for: Mark Pearson Old Well Cottage Southern Green Rushden Buntingford Hertfordshire SG9 0SY
Prepared by: Lee Swain info@lgswindows.co.uk 07725996987
Site Address: Old Well Cottage Southern Green Rushden Buntingford Hertfordshire United Kingdom, SG9 0SY
Lead time: 6-8 Weeks from deposit payment
Guarantee: See Below
Final Price: Of which VAT (20%):



Project Summary

	7. Kitchen Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	Each (inc. VAT) £621.32	Total (inc. VAT) £621.32
	8. Kitchen Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	£600.46	£600.46
	9. Pantry Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	£573.74	£573.74
	10. Kitchen Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	£612.26	£612.26
	11. Study Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	£579.35	£579.35
	12. Front Hall Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	£614.11	£614.11

Quotation for: Mark Pearson Old Well Cottage Southern Green Rushden Buntingford Hertfordshire SG9 0SY Prepared by: Lee Swain info@lgswindows.co.uk 07725996987 Site Address: Old Well Cottage Southern Green Rushden Buntingford Hertfordshire United Kingdom, SG9 0SY	
Lead time: 6-8 Weeks from deposit payment	Guarantee: See Below
Final Price: Of which VAT (20%):	 See over See over

Project Summary

			Each (inc. VAT)	Total (inc. VAT)
	13. Hall Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	£625.69	£625.69
	14. Bathroom Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Window	£605.72	£605.72
	15. Front -With Midrail and cat flap Quantity: 1 Supply & Fit - Remove & replace	Timberlook Flush Sash Single Door	£1,502.27	£1,502.27

Quotation for:
Mark Pearson
Old Well Cottage
Southern Green
Rushden
Buntingford
Hertfordshire
SG9 0SY

Prepared by:
Lee Swain info@lgswindows.co.uk 07725996987

Site Address:
Old Well Cottage Southern Green Rushden Buntingford Hertfordshire United Kingdom, SG9 0SY

Lead time: 6-8 Weeks from deposit payment

Guarantee: See Below

Payment terms:
VAT Registration No. 445 4568 72. 50% deposit. Balance on completion. Preferred payment BACS. If you wish to proceed, please contact LGS Windows and a customer contract will be issued which will need to be signed and returned. A deposit invoice will then be issued with payment details and options.

Payment schedule:

Deposit (50%):

£7,440.40

Balance on completion (50%):

£7,440.39

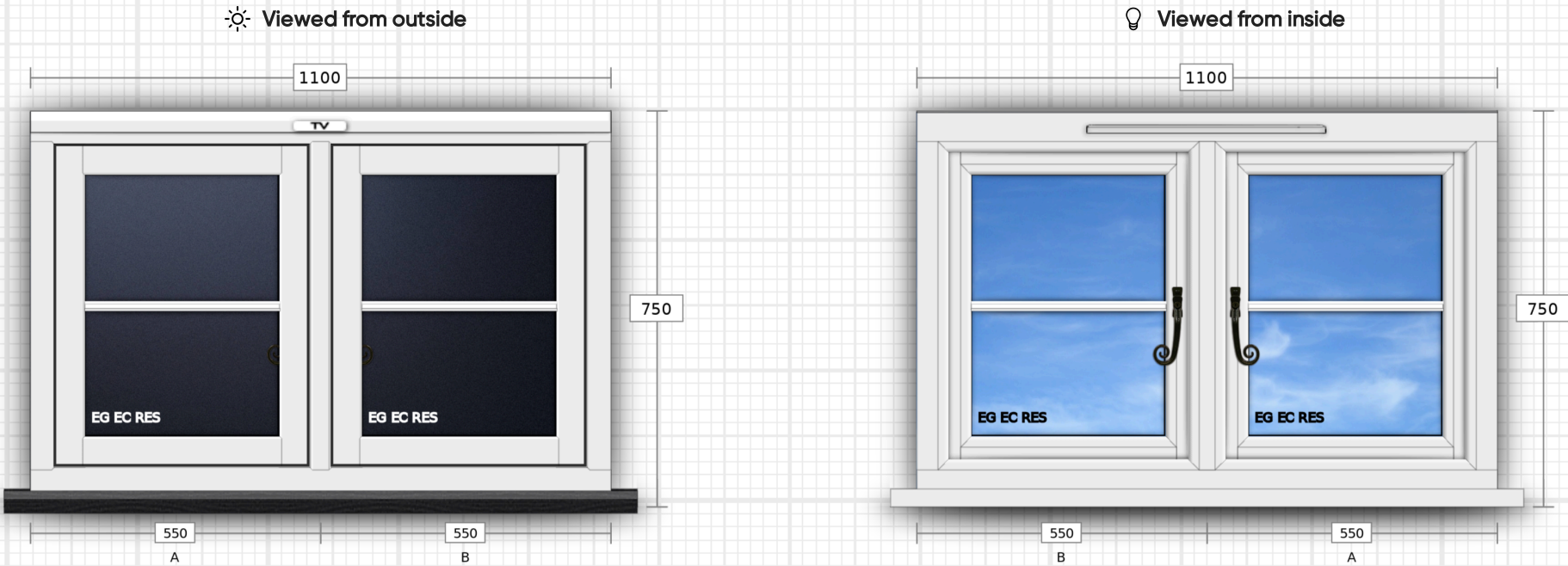
Final Price:
Of which VAT (20%):

£14,880.79

£2,480.13

Technical detail: 1 - Bedroom 1 - Supply & Fit - Remove & replace

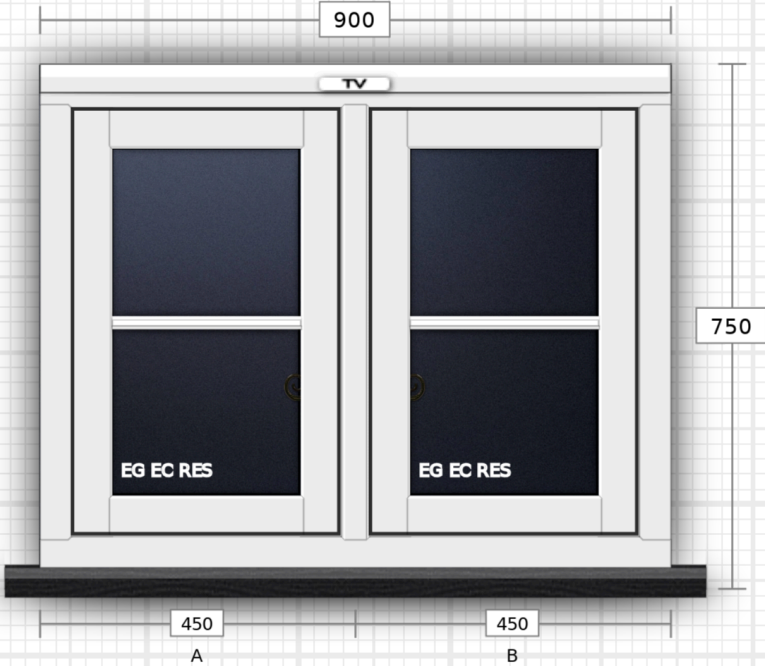
Quantity: 1



Technical detail: 2 - Main Bedroom - Supply & Fit - Remove & replace

Quantity: 2

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Window x 2

- Frame LRB: 60mm Ovolo Frame
- Frame Top: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 58mm
- Mullion: 70mm Ovolo T Mullion
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

- Profile Trickle Vent: Slimline MK3 4000
- Window Handle: Monkey Tail - Heritage Black
- Heavy duty hinge: Yes
- Egress hinge: Yes
- Easy clean hinge: Yes
- Restrictor: Child Restrictor x2
- Window Floating Mullion: French Casement x1

Glass: Planitherm One Toughened - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear

Technical detail: 3 - Rear Doors - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash French Door

- Opens: Out
- Frame Bottom: 60mm Ovolo Frame
- Frame TLR: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 80mm
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

- Lock Cylinder: Euro Cylinder Nickel
- Door Hinge: 3D Challenger Black
- Door Handle (master): MILA Heritage Black
- Door Handle (slave): MILA Heritage Black

- Restrictor: Door Restrictor x2

Glass: Planitherm One Toughened - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



Technical detail: 4 - Rear Porch - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Single Door

- Opens: Out
- Frame Bottom: 60mm Ovolo Frame
- Frame TLR: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 80mm
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

- Profile Trickle Vent: Slimline MK3 4000
- Lock Cylinder: Euro Cylinder Nickel
- Door Hinge: 3D Challenger Black
- Door Handle: MILA Heritage Black

- Restrictor: Door Restrictor x1

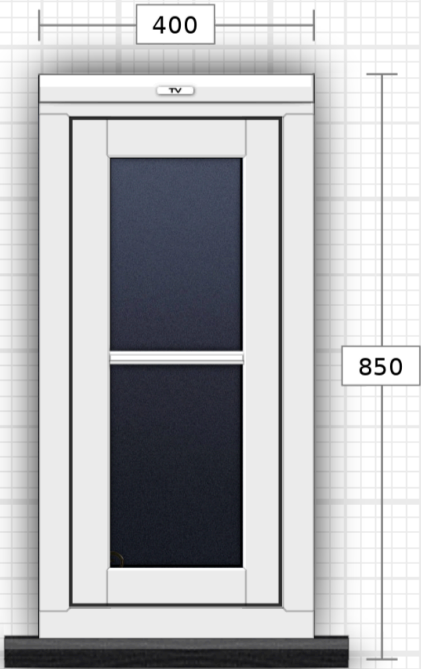
Glass: Planitherm One Toughened - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



Technical detail: 5 - Rear Porch - Supply & Fit - Remove & replace

Quantity: 2

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Window x 2

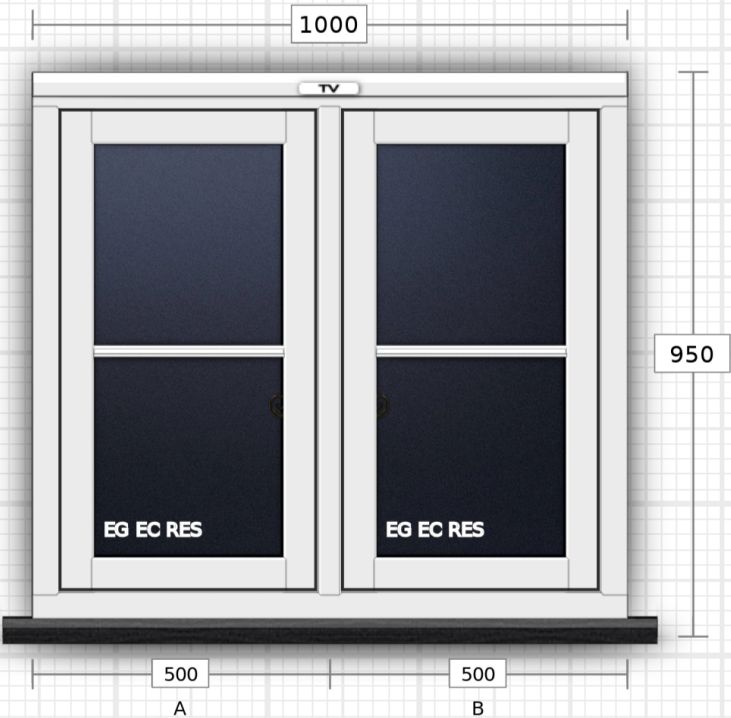
Frame LRB:	60mm Ovolo Frame	Frame Colour:	Smooth White	Profile Trickle Vent:	Slimline MK3 2000
Frame Top:	75mm Ovolo Frame	Sash Colour:	Smooth White	Window Handle:	Monkey Tail - Heritage Black
Sash:	Internally Beaded Flush Ovolo Sash 58mm	Cill Colour:	Out: Black Foil, In: Smooth White		
Bead:	24mm Glazing Bead	Head Drip Colour (outside):	Smooth White		
Cill:	150mm Cill				
Head drip:	Head Drip				
Internal bar:	18mm Smooth White				
Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear					



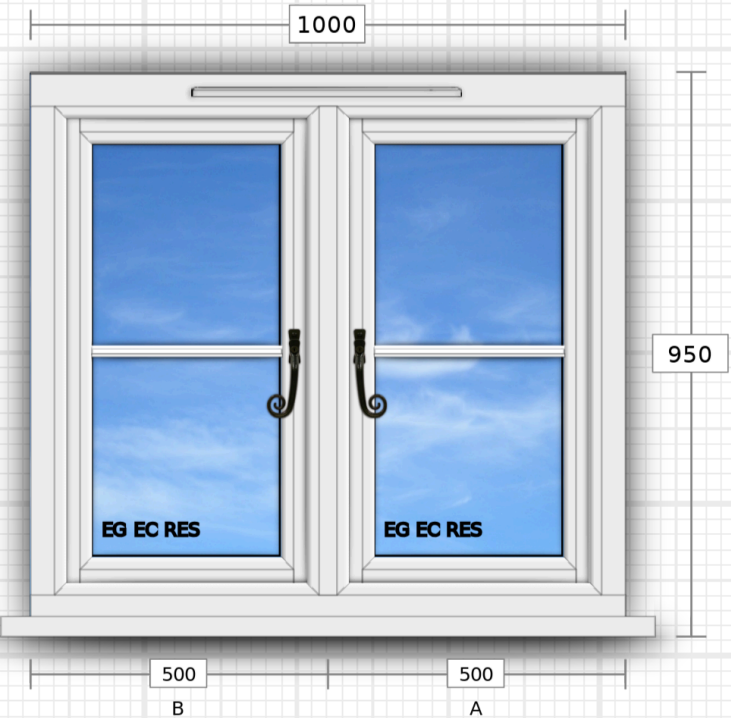
Technical detail: 6 - Dining Room - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Window

Frame LRB: 60mm Ovolo Frame
Frame Top: 75mm Ovolo Frame
Sash: Internally Beaded Flush Ovolo Sash 58mm
Mullion: 70mm Ovolo T Mullion
Bead: 24mm Glazing Bead
Cill: 150mm Cill
Head drip: Head Drip
Internal bar: 18mm Smooth White

Frame Colour: Smooth White
Sash Colour: Smooth White
Cill Colour: Out: Black Foil, In: Smooth White
Head Drip Colour (outside): Smooth White

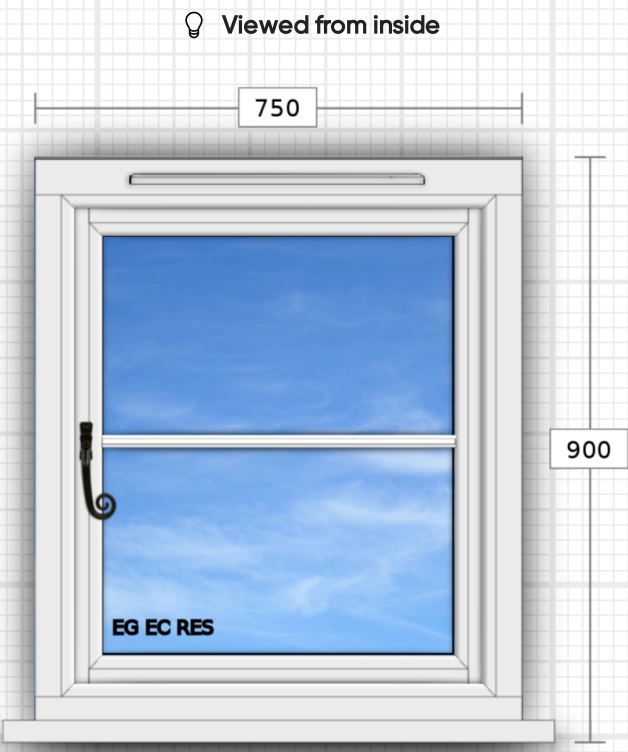
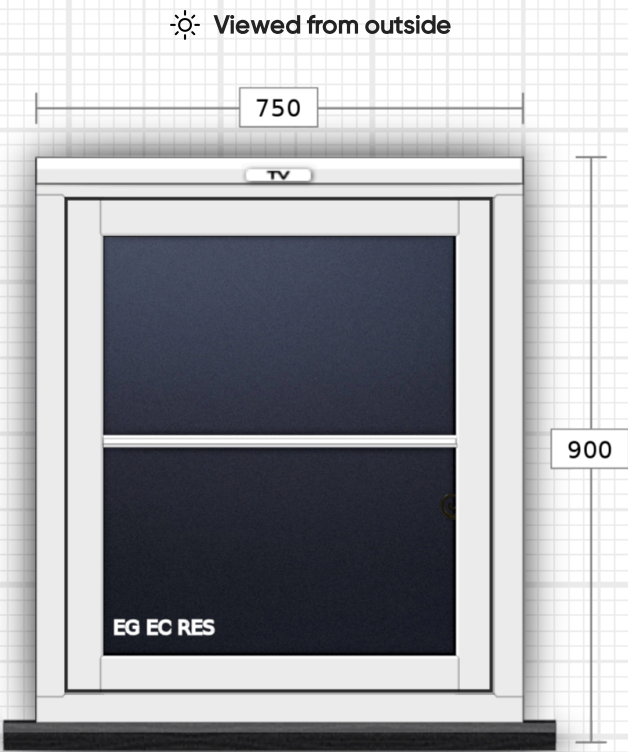
Profile Trickle Vent: Slimline MK3 4000
Window Handle: Monkey Tail - Heritage Black
Heavy duty hinge: Yes
Egress hinge: Yes
Easy clean hinge: Yes

Window Floating Mullion: French Casement x1 Note: Master Left

Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear

Technical detail: 7 - Kitchen - Supply & Fit - Remove & replace

Quantity: 1



Timberlook Flush Sash Window

Frame LRB: 60mm Ovolo Frame
Frame Top: 75mm Ovolo Frame
Sash: Internally Beaded Flush Ovolo Sash 58mm
Bead: 24mm Glazing Bead
Cill: 150mm Cill
Head drip: Head Drip
Internal bar: 18mm Smooth White

Frame Colour: Smooth White
Sash Colour: Smooth White
Cill Colour: Out: Black Foil, In: Smooth White
Head Drip Colour (outside): Smooth White

Profile Trickle Vent: Slimline MK3 4000
Window Handle: Monkey Tail - Heritage Black
Heavy duty hinge: Yes
Egress hinge: Yes
Easy clean hinge: Yes

Custom Extra: Hinge, Note: Mega Hinge

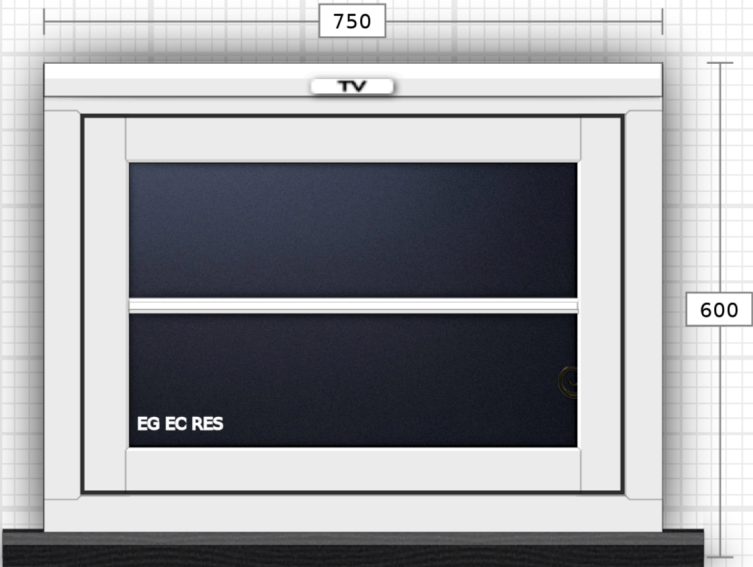
Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



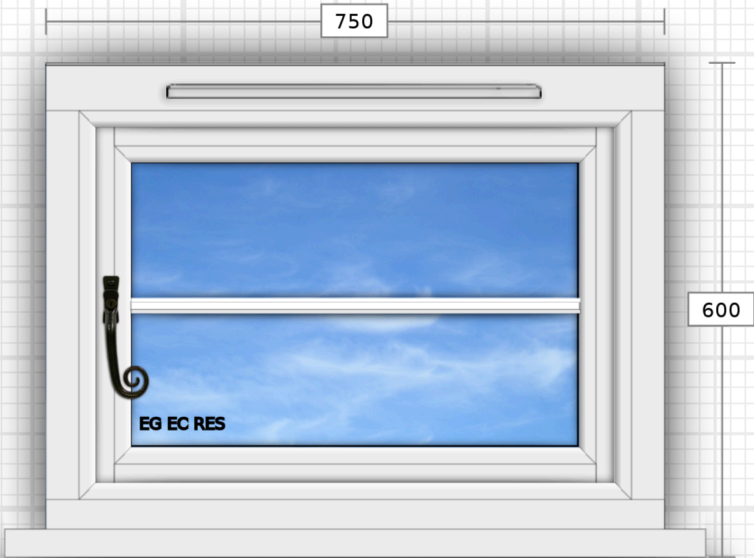
Technical detail: 8 - Kitchen - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Window

Frame LRB: 60mm Ovolo Frame
Frame Top: 75mm Ovolo Frame
Sash: Internally Beaded Flush Ovolo Sash 58mm
Bead: 24mm Glazing Bead
Cill: 150mm Cill
Head drip: Head Drip
Internal bar: 18mm Smooth White

Frame Colour: Smooth White
Sash Colour: Smooth White
Cill Colour: Out: Black Foil, In: Smooth White
Head Drip Colour (outside): Smooth White

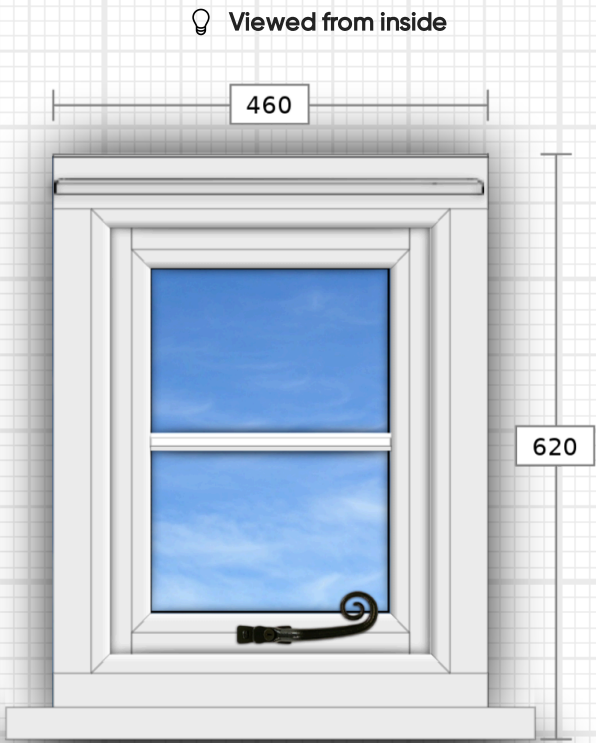
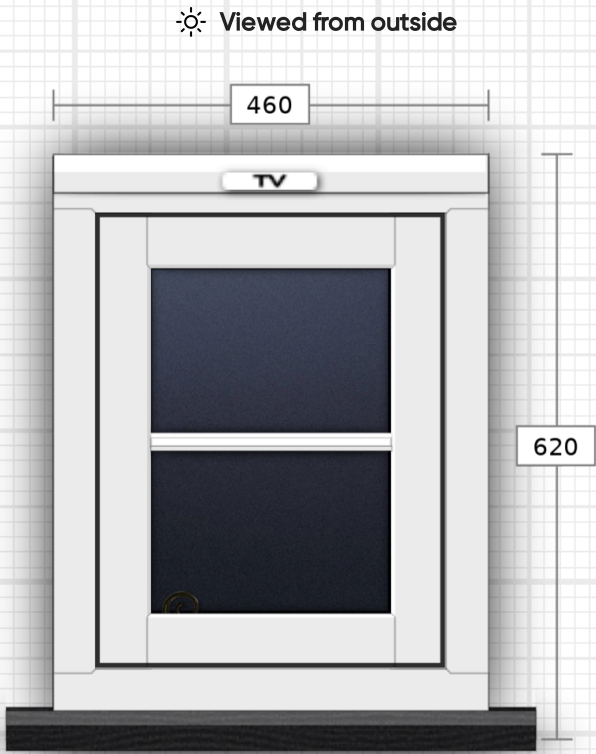
Profile Trickle Vent: Slimline MK3 4000
Window Handle: Monkey Tail - Heritage Black
Heavy duty hinge: Yes
Egress hinge: Yes
Easy clean hinge: Yes

Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



Technical detail: 9 - Pantry - Supply & Fit - Remove & replace

Quantity: 1



Timberlook Flush Sash Window

- Frame LRB: 60mm Ovolo Frame
Frame Top: 75mm Ovolo Frame
Sash: Internally Beaded Flush Ovolo Sash 58mm
Bead: 24mm Glazing Bead
Cill: 150mm Cill
Head drip: Head Drip
Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
Sash Colour: Smooth White
Cill Colour: Out: Black Foil, In: Smooth White
Head Drip Colour (outside): Smooth White

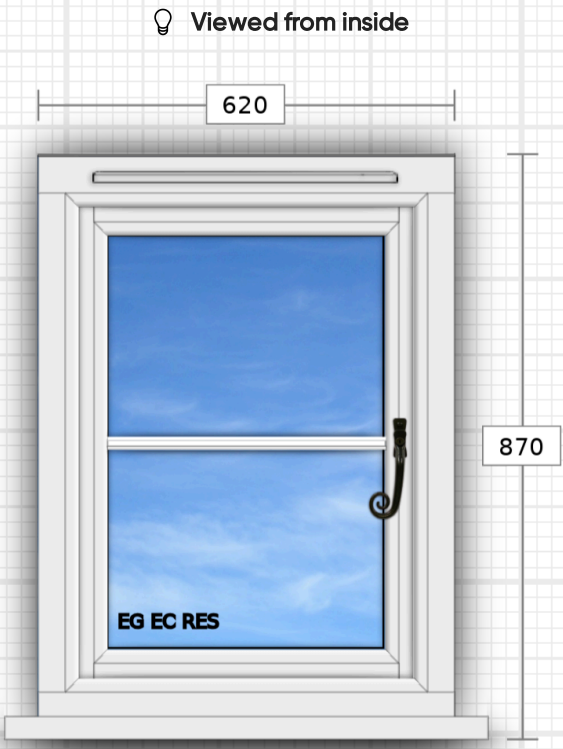
- Profile Trickle Vent: Slimline MK3 4000
Window Handle: Monkey Tail - Heritage Black

Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



Technical detail: 10 - Kitchen - Supply & Fit - Remove & replace

Quantity: 1



Timberlook Flush Sash Window

- Frame LRB: 60mm Ovolo Frame
- Frame Top: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 58mm
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

- Profile Trickle Vent: Slimline MK3 4000
- Window Handle: Monkey Tail - Heritage Black
- Heavy duty hinge: Yes
- Egress hinge: Yes
- Easy clean hinge: Yes

Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



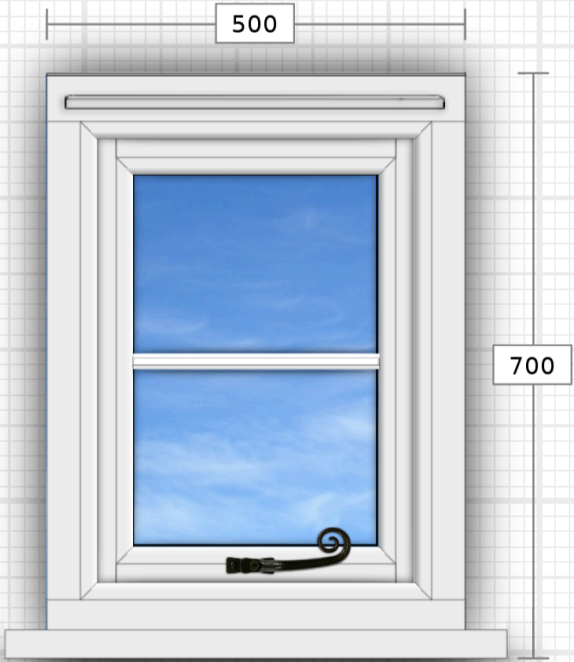
Technical detail: 11 - Study - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Window

- Frame LRB: 60mm Ovolo Frame
- Frame Top: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 58mm
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

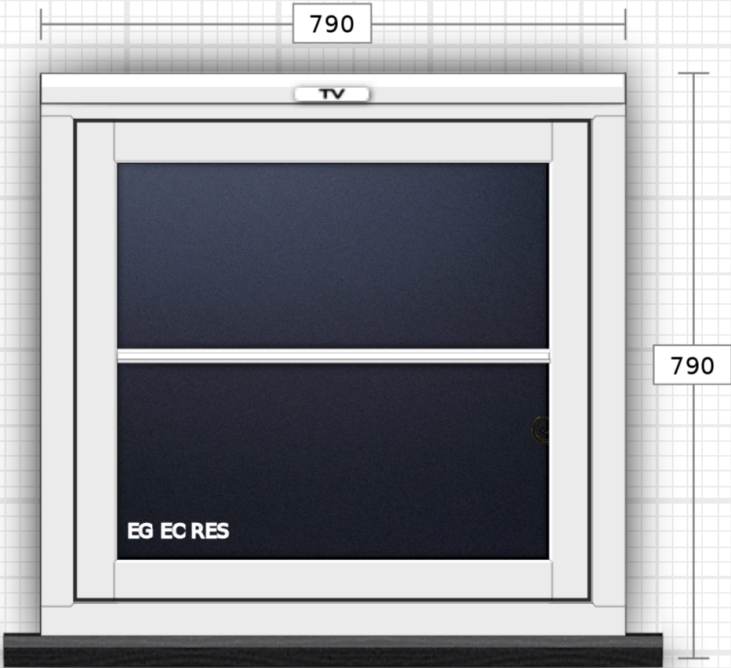
- Profile Trickle Vent: Slimline MK3 4000
- Window Handle: Monkey Tail - Heritage Black

Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear

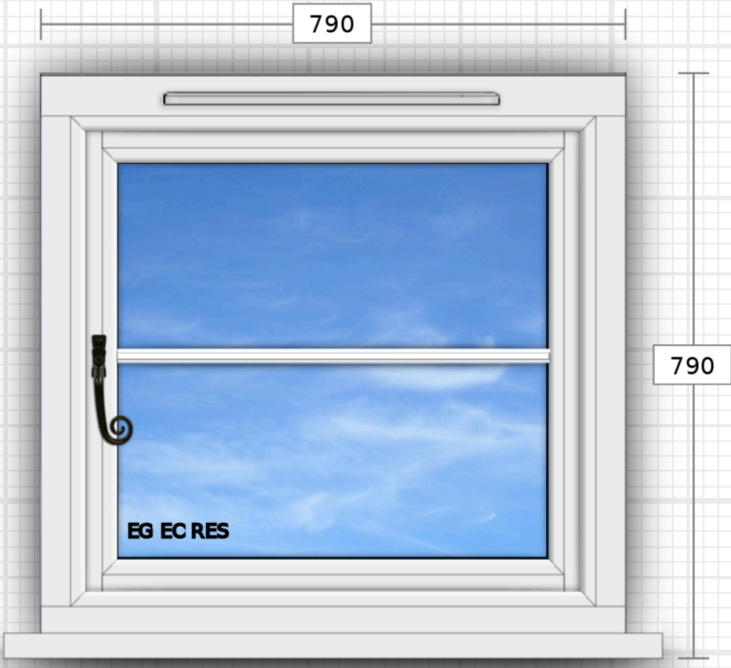
Technical detail: 12 - Front Hall - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Window

- Frame LRB: 60mm Ovolo Frame
- Frame Top: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 58mm
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

- Profile Trickle Vent: Slimline MK3 4000
- Window Handle: Monkey Tail - Heritage Black
- Heavy duty hinge: Yes
- Egress hinge: Yes
- Easy clean hinge: Yes

- Custom Extra: Hinges, Note: Mega Hinge

Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



Technical detail: 13 - Hall - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Window

- Frame LRB: 60mm Ovolo Frame
- Frame Top: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 58mm
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

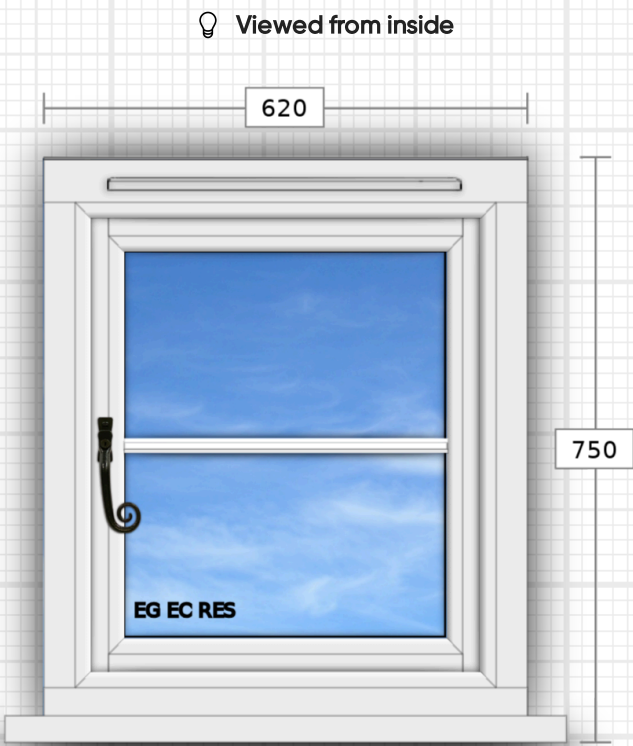
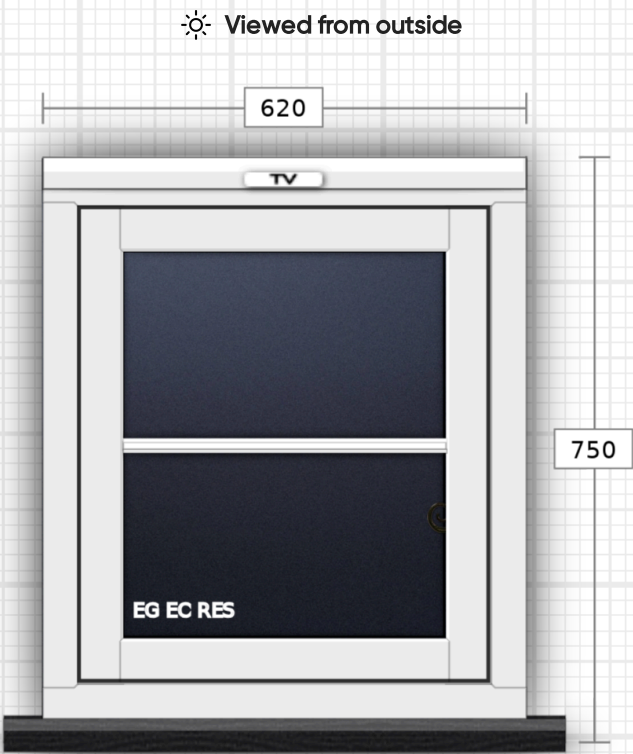
- Profile Trickle Vent: Slimline MK3 4000
- Window Handle: Monkey Tail - Heritage Black
- Heavy duty hinge: Yes
- Egress hinge: Yes
- Easy clean hinge: Yes

Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



Technical detail: 14 - Bathroom - Supply & Fit - Remove & replace

Quantity: 1



Timberlook Flush Sash Window

- Frame LRB: 60mm Ovolo Frame
- Frame Top: 75mm Ovolo Frame
- Sash: Internally Beaded Flush Ovolo Sash 58mm
- Bead: 24mm Glazing Bead
- Cill: 150mm Cill
- Head drip: Head Drip
- Internal bar: 18mm Smooth White

- Frame Colour: Smooth White
- Sash Colour: Smooth White
- Cill Colour: Out: Black Foil, In: Smooth White
- Head Drip Colour (outside): Smooth White

- Profile Trickle Vent: Slimline MK3 4000
- Window Handle: Monkey Tail - Heritage Black
- Heavy duty hinge: Yes
- Egress hinge: Yes
- Easy clean hinge: Yes

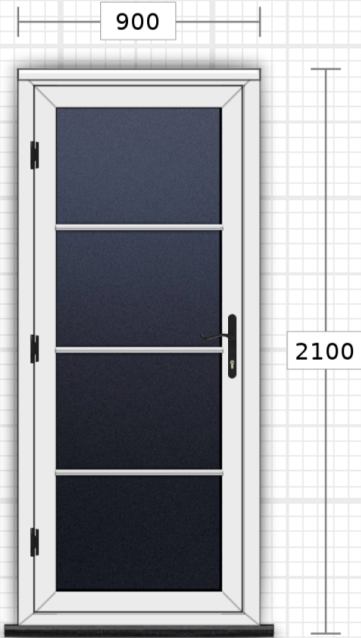
Glass: Planitherm One Annealed - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear



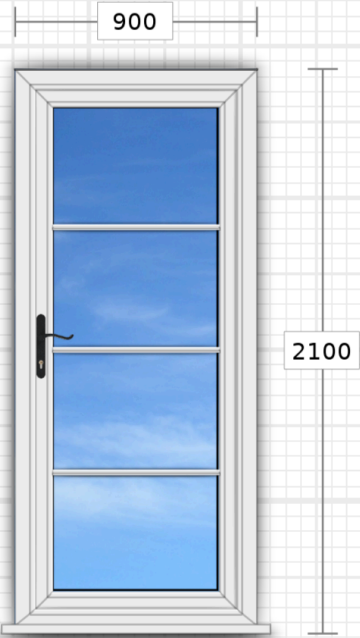
Technical detail: 15 - Front -With Midrail and cat flap - Supply & Fit - Remove & replace

Quantity: 1

☀ Viewed from outside



💡 Viewed from inside



Timberlook Flush Sash Single Door

- Opens:

Out
- Frame Bottom:

60mm Ovolo Frame
- Frame TLR:

75mm Ovolo Frame
- Sash:

Internally Beaded Flush Ovolo Sash 80mm
- Bead:

24mm Glazing Bead
- Cill:

150mm Cill
- Head drip:

Head Drip
- Internal bar:

18mm Smooth White

- Frame Colour:

Smooth White
- Sash Colour:

Smooth White
- Cill Colour:

Out: Black Foil, In: Smooth White
- Head Drip Colour (outside):

Smooth White

- Lock Cylinder:

Euro Cylinder Nickel
- Door Hinge:

3D Challenger Black
- Door Handle:

Balmoral Swan L/L Antique Black

- Restrictor:

Door Restrictor x1
- Custom Extra:

MIDRAIL, Note: FRONT DOOR TO HAVE MIDRAIL (600mm inc cill) WITH PANEL TO LOWER SECTION FITTED WITH A CAT FLAP SUPPLIED BY THE CUSTOMER.

Glass: Planitherm One Toughened - Warm Edge Spacer Black - 18mm Smooth White Georgian - Clear

Terms & Conditions

1. In these conditions of sale, The Company means **LGS Windows Limited** whose office is at **7 Clarke Close, Stansted, Essex**. The Customer" means the person, firm, or company from whom an order is accepted by the Company. "Goods" means goods or services which are subject of such an order be it placed verbally or in writing.
2. The Customer agrees to purchase and have installed the Goods specified in the form of an order.
3. Orders are individually manufactured, and any Goods not used in their intended location in the Customer's premises cannot be credited against the contract price.
4. The total outstanding balance is payable immediately after the Goods have been properly installed or delivered in accordance with the terms of the contract. Payment is to be made to the installer in cash or by cheque made payable to the Company. Any outstanding balances not paid in full by the Customer on the date of the installation will be compounded at a monthly interest rate of 2.5%
5. The Company accepts this order subject to a final technical survey, which will be carried out during daylight hours.
6. The Company reserves the right to cancel this order in the event that the surveyor is not entirely happy that the Company can fulfill its obligations to the Customer within the contract price. In this event, any deposit or monies in respect of the contract will be refunded in full by the Company.
7. The Customer hereby acknowledges that the items and diagrams in this contract have been checked and are correct.
8. It is the responsibility of the customer to obtain any necessary planning permissions.
9. Risk shall pass to the Customer when Goods leave the Company's premises where the Customer collects them. Risk shall pass to the Customer when Goods have been installed by the company.
10. Notwithstanding that the risk in the Goods has passed to the Customer, the ownership of the Goods shall remain with the Company which reserves the right to possession and to dispose of the goods until such time that payment has been received in full by the Company and cleared through the Company's bank account.
11. The Customer agrees to permit access to the Company, its servants, and workmen to the installation address at all reasonable times in order that the Company may carry out the works scheduled. If within 28 days of being advised that the Company is ready to install, the Customer has not agreed to an installation date, the balance of the product supply cost becomes payable.
12. The Customer will provide the free use of a reasonable amount of water and electricity.
13. The Company undertakes to make good any damage caused during installation to plaster, floor, rendering or brickwork immediately surrounding any window or door installed but the Company does not accept responsibility for damage that is attributable to structural weakness or defect in the property at which the installation is carried out neither does the Company undertake to match existing external finishes or to provide matching ceramic or other tiles or to avoid damage to surrounding wallpaper or paintwork. Without prejudice to this paragraph's limitations, any claim by the customer or compensation for damage done by the Company must be made in writing to reach the Company within 14 days of the damage being caused. The customer is responsible for removing curtains, ornaments, furniture and fittings from the immediate installation area.
14. The Company will take all reasonable care of the Customer's property when carrying out the work but cannot accept liability for damage or re-decoration.
15. The contract price does not include the repair or replacement of any rotten timber, defective lintels, hidden services, or hazardous materials such as asbestos found during the course of carrying out the

works for the repair otherwise of any other structural defects unless such work is specified in the schedule of work. Any such work found to be necessary will be brought to the attention of the Customer and will be the subject of a separate quotation.

16. The Company does not undertake to move services, fixtures, or fittings which are ancillary to the basic structure of the property, e.g., radiators, pipes, electricity, telephone or television cables, and the Customer shall remove all household fixtures, including curtains, nets, and blinds before the installation is due to commence.
17. The Company does not take any responsibility for damage caused to any of the above if not removed by the Customer whilst work is executed. The Company reserves the right to charge for wasted time if it is unable to carry out work due to site-specific restrictions/conditions.
18. No undertaking can be given that the Customer's existing doors, windows and/or frames can be removed so as to be fit for re-use or any other purpose and they will be removed from the site and disposed of unless the Customer instructs the installer to leave them. Every effort will be made to protect and clean working areas as best as practicable, but the Company cannot be held responsible for small fragments /splinters/ particles, which may still be present.
19. The Company reserves the right to make minor variations in the specification of any of its products at its discretion and without prior notice to the Customer, in keeping with the Company's policy of continuous development and improvement.
20. The Customer shall be deemed to have accepted the Goods if not rejected within twenty-four hours of delivery or collection or immediately in the event of the Customer having signed a note of acceptance or delivery. Rejection subsequently will not be acceptable to the Company.
21. Any product guarantee will come into effect immediately upon completion of the works provided that the full price has been received (less any appropriate amount in the event of defects) by the Company on the due date.
22. It should be clearly understood that no alteration or cancellation of the order, if signed by the Customer "subject to building society/bank/finance company approval", can be made, unless written confirmation of the refusal of finance received from the building society/bank/finance company concerned is provided to the Company. At that time, this Contract will be deemed to be null and void and any deposit which has been paid will be returned to the Customer.
23. The delivery or installation period quoted is that anticipated at the time of the order and will be improved on if possible. In the event that this contract is not completed within the specified delivery period, the Customer may serve notice on the company in writing, requiring that the work be carried out and completed within six weeks. If the work is not completed within such expended period, the Customer may cancel the uncompleted work covered by the contract without penalty on either side and without loss of any deposit paid by serving written notice by recorded delivery post to the Company. Notwithstanding the foregoing, the Company shall not be liable for any delay in the completion of work which arises from causes beyond the reasonable control of the Company. In the event that time has been made the essence of the contract, time shall not run during such delay or when a delay on the Customer's account is operating.
24. The Company's liability to the Customer in respect of the direct or indirect consequences of any breach or non-performance howsoever caused or of the strikes or of lock-outs or of any other circumstance beyond the Company's control or of non-supply by a third party or arising out of negligence or of any misrepresentation or of force majeure or of any other tort or breach of the statute by the Company, its employees or its agents shall be limited to the price of the goods which are the subject matter of the particular order. The Company reserves the right to treat the contract as at an end with no compensation payable to the Customer.
25. The Company does not claim or guarantee that its products eliminate or even reduce the incidence of condensation.

26. The Company will repair or replace all goods which are or become defective by reason of faulty materials or workmanship in line with our written guarantee.
27. Nothing in these terms and conditions shall be interpreted as excluding or restricting the statutory rights of the Customer.
28. The formation, construction, and performance of this agreement or shall be governed in all by English Law.

HOW LGS WINDOWS CHECK THE QUALITY OF GLASS USED IN OUR SLIDING GLASS DOORS AND BIFOLD DOORS

An inspection of any glass panel takes place from inside standing about 3 meters back from the glass – in daylight, but not in direct sunlight and from a 90 degree angle. The whole glass panel is inspected except for a 50mm wide band around the edge. Glass is considered to have an acceptable quality of vision if the following are not obvious nor clustered together: totally enclosed seeds, blisters, hairlines or blobs, fine scratches not more than 25mm long and minute embedded particles.

The double glazed sealed unit is to be mounted vertically so that the whole surface can be seen. The double glazed sealed unit must be examined from the inside and in natural daylight/overcast sky and not in direct sunlight with no visible moisture on the surface.

Viewing distance – A minimum viewing distance of 3.0 meters is to be used. Toughened, laminated or coated glass should be viewed from 3.0 meters.

Viewing position – A viewing position at right angles to the unit from the room side.

Viewing aids – No visual aids other than spectacles for normal visual correction shall be used.

GGF ACCEPTABLE GLASS QUALITY STANDARDS

The Glass and Glazing Federation's **Acceptable Glass Quality Standards** define the level of acceptance for visible distortions in clear, tinted, and coated glass, in sealed double glazing units, and in single glazed panels.

It's important to know that a totally flawless piece of glass is extremely rare by the nature of its organic components and manufacturing process.

Laminated glass and solar-control glass

Multi-layered glass, for example, when two or more panels are laminated together, will increase the likely observance of visible distortions as the cumulative effect of each of the panels needs to be taken into consideration. Toughened, laminated or coated glass should be viewed from 3.0 meters. The coating on glass, in particular solar control coatings, increases the reflective property of the glass and this can make the visual distortions more noticeable even though there is no more distortion present.

Glass with acceptable minor imperfections

All glass supplied should be as free as possible from defects caused in manufacture, handling, storage and transit. However, the customer shall accept glass with minor imperfections provided they fall within the scope of the following definitions and acceptance criteria. Glass which falls within these quality standards is not considered to be faulty goods.

TERMS USED TO DESCRIBE GLASS QUALITY

Edge Zone: A zone parallel to the edge of the glass, which extends round the perimeter of the glass, and is normally within the glazing frame or area.

Viewing Area: The area of the glass lying between the critical area and the Edge zone.

Scratch: A long narrow surface flaw produced by a hard object, e.g. grit, which produces a perceptible depression.

Sleek: A fine scratch with no perceptible depression.

Bubble: Small holes partially or wholly enclosed by glass which normally contain air. These may be spherical or non-spherical depending on the mode of formation.

Inclusion: Insoluble matter retained within or on the surface of the glass during manufacture.

Scar: A scratch that is obtrusively visible being normally white in colour.

WHEN IS A GLASS DEFECT ACCEPTABLE?

Minor defects/imperfections are to be accepted if they fall into the categories below:

- **Defects within Viewing Area**

Scratches and streaks which are not visible when examined as specified in the Method of visual Inspection are to be accepted.

Bubbles and inclusions not greater than 2.5mm are acceptable provided such defects are at least 200mm apart.

Seeds, blisters, hairlines, or blobs are acceptable if they are no greater than 2.5mm.

White scars are not acceptable.

- **Defects in Edge Zone**

Scratches, streaks, bubbles, inclusions and scars are acceptable.

- **Condensation Patterning**

Contaminates are often present on the surface of the glass and are normally invisible to the naked eye. If condensation forms on the glass surface, then the contamination becomes more apparent by influencing the rate of formation and appearance of the moisture. The variation in appearance maybe random or present itself in distinctive patterns. Fingerprints are the most common contamination which creates a hydrophobic layer that can produce these effects.

Window cleaning chemicals or degreasing agents are normally enough to remove most contaminants.

The pattern formed by condensation on glass surfaces do not, therefore indicate any fault, nor do they have any effect on the performance of the glass and are considered acceptable.

- **Optical Phenomena**

Roller wave distortion occurs as glass passes over the rollers in horizontal, oscillating heat treatment furnace. As the glass heats up, it may sag between the rollers at the reversal of each oscillation, which then becomes set in place during the cooling process. This may produce roller wave distortion in the finished product.

Roller wave distortion can create a reflection in heat treated glass that can stretch and compress based on the observer's movement in relation to the glass surface.

Brewster's Fringes occur when wavelengths of light meet when they are exactly 180 degrees out of phase and is a result of modern glass manufacturing methods.

Edge Bow occurs as a result of the heat treatment process and can be reduced through the correct control of the heating and cooling processes.

Distortions are an inherent characteristic of glass and there are currently no Industry Standards relating to the acceptability of levels of distortions with the exception of bow, which is determined in EN12150.

- **Nickel Sulphide Inclusion**

Nickel Sulphide Inclusion (NIS) is a naturally occurring phenomenon in toughened glass. Glass can be heat soaked which reduces the risk of NIS but this cannot guarantee to eliminate it completely.

UNDER NO CIRCUMSTANCES IS GLASS BREAKAGE DUE TO NIS COVERED BY GUARANTEE.



LGS Windows Limited
7 Clarke Close
Stansted
CM24 8FX
Company Reg No.14338273
Registered in England

Issued to: [NAME]
Installation Address: [ADDRESS]
Commencement Date: [DATE]
Reference: [REFERENCE NUMBER]

Workmanship Guarantee

PVCu and Aluminium windows and door frames are guaranteed against any failure in welded joints and distortion in accordance with the system supplier's recommendations for a period of no longer than 10 years from the above commencement date.

Glass sealed units are guaranteed for a period no longer than 5 years after the commencement date above for the failure of hermetical seals (i.e. misting between panes).

Locking mechanisms, hinges, and all metallic moving parts are guaranteed for 2 years subject to regular maintenance by the customer. This guarantee does not cover cosmetic deterioration to handles, letter plates, door handles, etc., due to general wear and tear.

No guarantee is given as to the elimination of condensation

This guarantee does not cover for breakage of glass after the installation is complete.

All guarantees are given in good faith. However, if it is deemed after a visit from a company representative that our product has been misused, tampered, or damaged in any way, etc, we will render the guarantee null and void, leaving any remedial work to be carried out at a pre-arranged fee, which shall be payable before any work commences.

This guarantee is non-transferable.

All goods remain the property of **LGS Windows** until payment has been received in full, and has cleared the banking process.

Any failure of materials due to faulty workmanship under the term of this guarantee will be repaired or replaced at **LGS Windows** sole discretion.

The customer will have the benefit of the manufacturer's guarantee in respect of any materials



LGS Windows

NOTICE OF RIGHT TO CANCEL

To exercise the right to cancel, you must inform us of the decision to cancel the contract by a clear statement (e.g., a letter sent by post or e-mail) quoting your name, address, and this contract number within 14 days of this dated contract.

If you cancel the contract, the company will reimburse all payments received from you, **excluding the cost of bespoke products (designed and manufactured to customer specification)** which shall remain due for payment.

If you have requested to begin the performance of any services contracted for within the contract, during the cancellation period as determined by the proposed start date, you shall pay us an amount that is in proportion to what has been performed until you have communicated the decision to cancel this contract, in comparison with the full coverage of the contract.