

Aluminium Secondary Glazing



Increase Acoustic
Performance by up to 80%



Reduce Heat Loss
by up to 65%



Specifically Designed for
Listed Buildings

What is Secondary Glazing?

Secondary glazing involves fitting a discreet internal window in addition to your existing, single, double and triple glazed window. It's a cost effective and efficient way to insulate and soundproof your windows and preferred for the use within Listed Buildings and conservation areas.

Benefits of Secondary Glazing?

- Reduce noise levels by up to 80%
- Mess free installation
- Reduce heat loss by up to 65%
- 10% more heat efficient than double glazing
- Can be installed within conservation areas
- Available in over 200 RAL colours
- Arched frames
- Quick turnaround
- 5 year warranty (FENSA warranty of installers)





65%

Reduction in heat loss with Secondary Glazing

Secondary glazing is often used in conjunction with single, double, and triple glazed uPVC or timber windows. The installation is advised by Historic England as it does not change the fabric of the building.



Sound Insulation

Secondary glazing offers the most effective sound insulation – significantly outperforming double glazing. From noisy roads to noisy kids, our windows can reduce noise levels by up to 80%.



Thermal Insulation

Secondary Glazing substantially improves the thermal insulation of existing single-glazed windows. It reduces heat loss through the window by around 65%, around 10% more than double glazing.



Increased Security

Secondary windows offer an affordable, discreet and highly effective solution to enhancing a buildings security. No external access is required, ideal for multi-storey buildings.



Value

Secondary glazing will complement your home, providing maximum benefits and years of trouble-free service which is specified and designed for thermal and sound insulation.



Retain Character

As our product range is slim line and discreet, it has been specifically designed for listed building windows, conservation areas and heritage properties.



Reduce Condensation

Where condensation is a major issue, we often specify secondary glazing with balanced trickle ventilation. This provides a simple and cost effective solution to minimise condensation.



80% Noise Reduction with Secondary Glazing

Reports indicate that a passing diesel bus often creates 85dB of noise. Correctly installed secondary glazing can reduce noise levels by 54dB, a reduction of 54dB will reduce the noise to 31dB which is the equivalent to a whisper.

Reduce Noise by up to 80%

Leading the fight against noise pollution in the home is Secondary Glazing.

Secondary Glazing continues to grow in popularity, in no small part thanks to its unique soundproofing, thermal benefits and draught prevention capabilities.

The key to minimising noise levels is to install an extra barrier that sound waves find it difficult to pass through.

To achieve optimum performance, we often advise that secondary glazing is installed with an air cavity of 150mm – 200mm from the primary window and the specification of an acoustic glass.

Blinds and ornaments can still be displayed on the windowsill as secondary glazing is slimline and discreet.

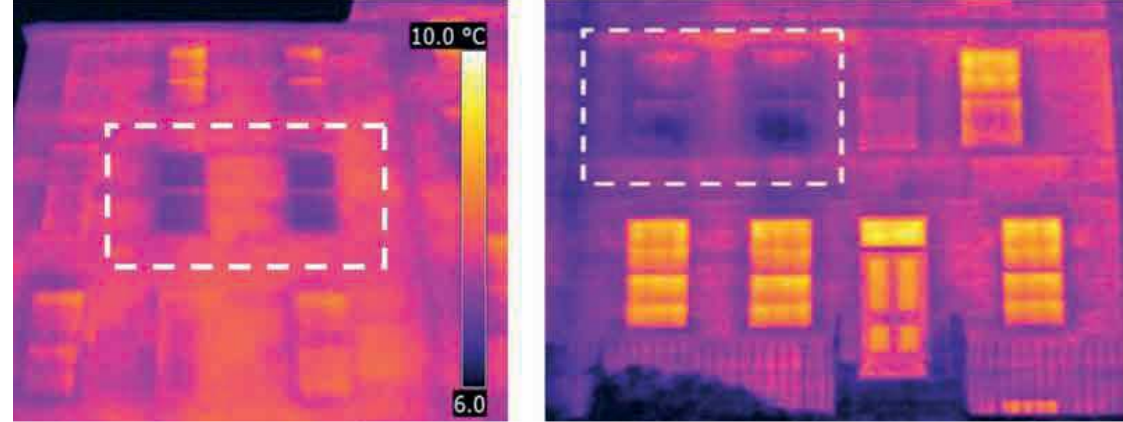


Increase Thermal Performance

Are you losing heat? Reports show that up to 10% of heat is lost through your windows. Installing secondary glazing adds an extra barrier to prevent heat loss.

To achieve optimum performance we advise an air cavity of 80mm from the primary window as the air filled cavity acts as an insulator. The creation of an insulating layer of air is as important to the retention of energy as the fitment and seals. With the right glass, the result can be a reduction in heat loss by as much as 65%.

Low-E glass has a transparent coating that is much thinner than a human hair. This coating has been specifically designed to reflect heat back in to the room, reducing heat loss through the window and energy consumption. Studies suggest that secondary glazing installed to single glazed units can save up to £75.00 per annum.



Operation & Maintenance

Secondary glazing is available in many styles, complementing all window types.

We have a range of windows that slide horizontally and vertically for easy access and cleaning.

Our hinged unit operates on a hinged mechanism that can be placed on the side of the window for conventional opening, or on the top or bottom dependent upon your requirements.

Other window styles include fixed windows or lift outs, which can easily be lifted out of the frame.

Our range of secondary glazing products are discreet, functional and high performing.

Our product range is suitable for all types of windows and can be tailored to meet most budgets.



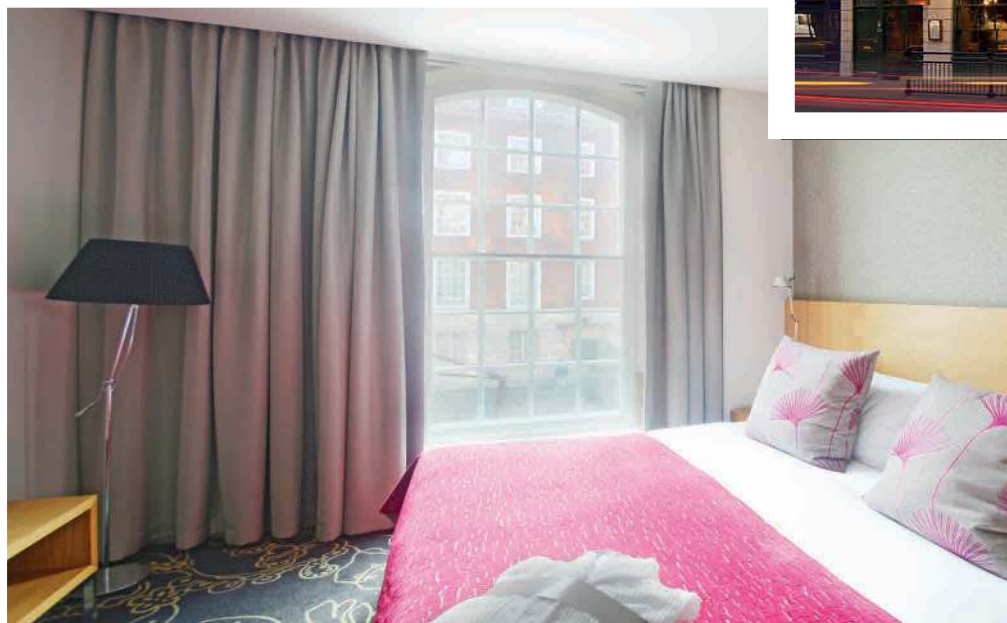
Listed Buildings

Secondary glazing is often installed within conservation areas, Grade I and Grade II listed buildings.

Its unique benefits include; increasing acoustic and thermal performance, thus making it a popular choice within the heritage market.

English Heritage advises the installation of secondary glazing as the installation process doesn't change the original fabric of the building.





Slimline & Discreet

Secondary glazing is discreet and functional giving you access to your primary windows when cleaning or maintenance is required. Manufactured from durable aluminium our products provide years of robust, trouble-free service.

Ral Colours - 200 RAL Colours



Anthracite Grey



Traffic White



Black



Ivory



Van Dyke Brown



Cream



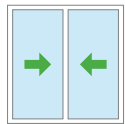
Pure White



Product Range:

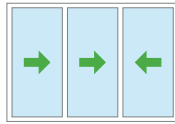
Horizontal Sliding

SS2 or HSS2



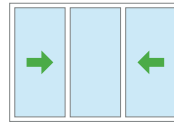
2 panel
Max width or max height
T 2,400mm 1,800mm
H 3,200mm 2,700mm

CO3 or HCO3



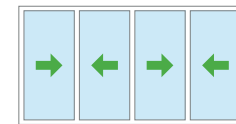
3 panel
Max width or max height
T 3,600mm 1,800mm
H 4,900mm 2,700mm

SS3 or HSS3



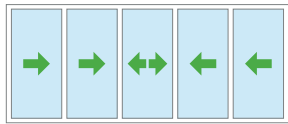
3 panel (fixed centre panel)
Max width or max height
T 3,600mm 1,800mm
H 4,900mm 2,700mm

SS4 or HSS4



4 panel
Max width or max height
T 4,900mm 1,800mm
H 4,900mm 2,700mm

SS5 or HSS5



5 panel
Max width or max height
T 4,900mm 1,800mm
H 4,900mm 2,700mm

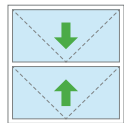
Vertical Sliding

BVS or HBVS



Balanced vertical slider
Max width or max height
T 1,500mm 3,000mm
H 1,500mm 3,000mm

TBVS or HTBVS



Tilt-in balanced vertical slider
Max width or max height
T 1,500mm 3,000mm
H 1,500mm 3,000mm

Insert Panel

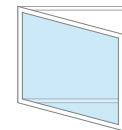
INS



Max width or max height
T 1,200mm 2,000mm

Hinged Casement

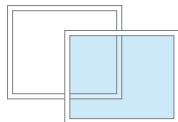
HU



Traditional hinged casement
Max width or max height
T 950mm 2,100mm

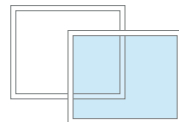
Lift Out

LO or HLO



Lift out unit
Max width or max height
T 2,000mm 2,000mm
H On Application

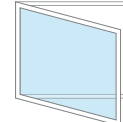
SLO



Slimline Lift out unit
Max width or max height
T 2,000mm 2,000mm

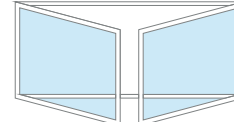
Hinged Casement - (Heritage hinged unit will house up to 28mm sealed unit)

HHU or HHU-TT



Heritage hinged casement
Max width or max height
H 1,400mm 2,400mm

DHHU



Double heritage hinged casement
Max width or max height
H 2,800mm 2,800mm

Optional extras:

- Curved head window
- Trickle vent
- Acoustic tile board
- Gothic head window
- Acoustic trickle vent
- Shaped corners

All windows are supplied fully assembled and ready to install.
Units comprise of an aluminium outer frame joined to a seasoned hardwood timber surround.

Ask us about secondary glazing today



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Performance by up to 80%



Reduce Heat Loss
by up to 65%



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