



QUIET, WARMTH & STYLE





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*A secondary glazing system consists of a fully independent internal window, fitted on the room side of an existing primary window. This provides significant noise reduction, improved thermal performance and enhanced security.*



Successful glazing is about so much more than glass. Windows define a building bringing light in, and keeping the outside world at bay.

On heritage and traditional properties, the styling speaks volumes, yet our modern expectations demand ventilation, sound and energy efficiency, as well as respect for tradition.

Thankfully, we deliver the ultimate answer. With a portfolio of products that retain original characteristics and take advantage of design, material and production advances, the integrity of the existing window remains uncompromised.

Strong, reliable and long-lasting, these are the product attributes that make us leaders in our field. Yet our design ethos is to focus on giving you beauty and practicality; quiet, warmth, and style.

# 50 dB

Well-fitted secondary glazing offers the most effective noise insulation – significantly outperforming double glazing.

From noisy roads to noisy kids, our internal windows can reduce noise levels by up to 80% (50dB).

peace  
quiet



Benefits //  
Acoustic Performance

## BRING ON THE NOISE

Well-fitted secondary glazing provides outstanding noise reduction – outperforming double glazing.

Chiltern Dynamics, market leaders in acoustic testing and modelling, found our windows capable of reducing noise levels by over 50dB – enough to quieten the busiest railway line or rumbling road.

Thanks to its unique soundproofing capabilities, secondary glazing can reduce the noise pollution caused by various sources. For many homeowners, traffic noise is their biggest concern. In these instances, secondary glazing with thicker glass and fitted correctly, can make the world of difference.

Our acoustic glass provides maximum sound insulation, which can be further enhanced with a 150-200mm air gap between secondary glazing and your existing primary windows.

This massive impact is not lost on many of our grateful customers, as we help them to better relax, concentrate and improve their quality of life.





Our products eliminate draughts, and can reduce heat loss by up to 65%

Benefits //  
Thermal Insulation

## FEEL THE BENEFIT

Warmth is a valuable commodity and by creating a second barrier to the elements, it is an ideal way to reduce wasteful thermal heat loss. In fact, there are few better ways.

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 percent.

For thermal insulation, low-E glass is often the best choice because the glazing has been designed and engineered to provide:

- the very best single glazing insulation
- maximum energy conservation
- an extremely discreet installation
- an environmentally friendly solution
- an affordable investment with quick returns

The resulting installations can exceed Building Regulations' requirements, offering significant cost savings in the process.





Benefits //

Increased Security

## PEACE OF MIND

Windows are often seen as the weak point in building security. Secondary glazing offers an affordable, discreet and highly effective solution to help counter this problem.

For homes, the benefits are clear. Unlike single windows, secondary glazing is extremely difficult to open from the outside and provides an additional physical barrier against forced entry.

Should attempts be made to breach the secondary glazing, the outer glazing can act as a vibration sensitive alarm, thus offering a warning before an attempt to break in to the secondary glazing is made.

Frames are made from tough aluminium and securely fixed to resist forcing. The use of cutting tools are deterred through a sophisticated combination of glass, resin and polycarbonate, whilst the risk from the tampering of locks and catches, or removal of the glass or glazed panels, is also negated.

For commercial properties, vulnerable windows that are easily accessible are prime candidates for secondary glazing. Protection is also recommended against industrial vandalism or theft of artistic or commercial items of value.

Organisations involved in religious, medical or education practices, or those in sensitive areas of research and development, also benefit greatly from the added levels of security.





Horizontal sliding windows are versatile and provide easy access to the outer window. The sashes slide within the frame, so few problems are encountered with blinds, curtains or ceiling bulkheads. Individual windows can be linked with mullions and transoms — allowing large and ribbon windows to be treated.



Horizontal sliding units and lift-out windows installed at Lyndhurst Road, Sheffield.

Products //  
Traditional & Heritage

Our bespoke products support the sympathetic treatment of most window styles. They come in two ranges: Traditional and Heritage.



## TRADITIONAL

With its slim, discreet aluminium profile, our traditional range offers minimal sight lines and easy access to the primary glazing, making it a popular choice with homeowners.

## HERITAGE

Heritage products utilise a slightly thicker, heavy-duty aluminium profile suitable for large-scale commercial installation, as well as smaller applications.

As with our traditional range, all heritage products offer a high level of additional security, easy access to the primary glazing and secure night ventilation position.

1 2 3 4 5 YEAR WARRANTY

All our products are backed up with a five year warranty on frames and glazing and two year warranty on moving parts.




  
 Vertical sliding units are ideal for treating traditional sash windows. Spring balances support the weight of the sash in all positions.

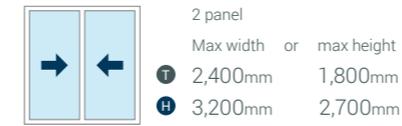
Heritage hinged units coupled and stacked with lift-out windows, installed at St Gregory's Church, Canterbury.

Products //  
Index

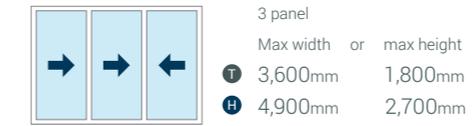
Key : **T** = Traditional    **H** = Heritage range  
 Glass Range **T** = 4mm to 6.8mm    **H** = 4mm to 8.8mm

### Horizontal Sliding

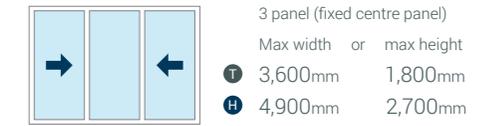
SS2 or HSS2



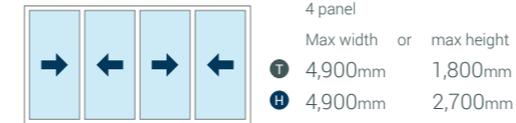
CO3 or HCO3



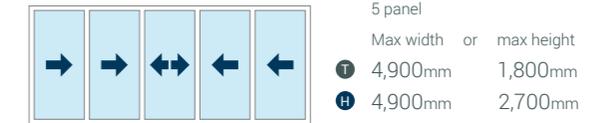
SS3 or HSS3



SS4 or HSS4

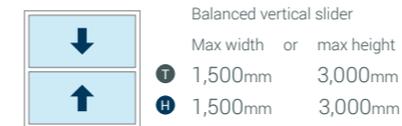


SS5 or HSS5

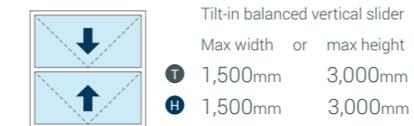


### Vertical Sliding

BVS or HBVS



TBVS or HTBVS



### Insert Panel

INS



### Lift Out

LO or HLO



SLLO



### Hinged Casement

HU

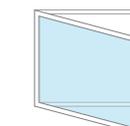


Optional extras:

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

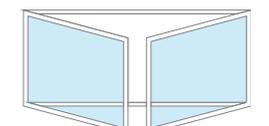
Hinged Casement - (Heritage hinged unit will house up to 28mm sealed unit)

HHU or HHU-TT



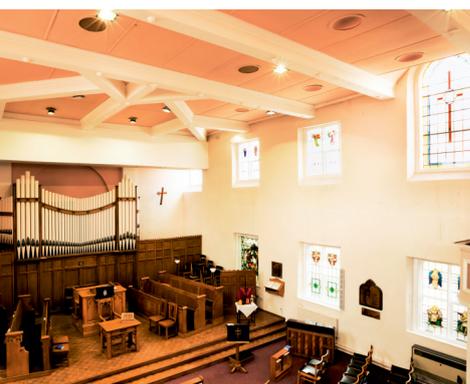
Heritage hinged casement  
Max width or max height  
**H** 1,400mm 2,400mm

DHHU



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

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



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