

# secondary glazing

- warmer
- quieter
- safer

Thermal Insulation



Noise Reduction



Security



# what is secondary glazing?

*A fully independent frame fitted on the room side of an existing window to form a double window or 'double glazing'. The gap between the windows can vary but is normally greater when noise insulation is important.*

## why use secondary glazing?

### ● Significantly improve thermal insulation

- Reduce heat loss
- Exclude draughts
- Lower energy bills
- Smaller carbon footprint
- Higher rated Energy Performance Certificate (EPC)

### ● Highly effective noise insulation

- Quieter environment
- Reduced sleep disturbance
- Satisfy noise planning constraints

### ● Provide an additional security barrier

- Deters intruders
- Offers protection against blast
- Preserves clean environments

### ● Retain the character of the building

- Satisfies Heritage and Conservation bodies
- Discrete, sympathetic designs
- Ideal for leasehold property

## where is secondary glazing used?

*The system with its clean, purposeful designs is used in a huge variety of buildings including Hospitals, Hotels, Offices, Museums, Homes, Schools, Universities, Churches, Theatres, Pubs and Secure Establishments.*

*It can be applied to one window or a whole building with minimal disruption. It is mostly fitted within existing buildings but is also specified for new buildings requiring enhanced noise insulation or security.*





# a range of unobtrusive styles

*We have developed an extensive range of products to suit almost any building, historic or contemporary, and to treat window sizes ranging from small casement to monumental sash. Even shaped and curved windows can be treated. Each window is purpose made and designed to be as sympathetic as possible to the character of the building. The normal finish is white but a wide range of colours is available to order.*

## **Vertical Sliding**

- Designed for the treatment of traditional sash windows
- Spring balances support the sliding sash in any position
- Contra sliding or tilt-in sashes assist cleaning
- Four frame designs



## **Horizontal Sliding**

- Ideal for casement and ribbon windows
- Smooth sliding action using glide pads or rollers
- Three frame designs



## **Hinged Casement**

- Designed for both windows and doors
- Absence of intermediate sight lines suits Heritage buildings
- Single operating handle with multi-point locking as standard
- Four frame designs



## special applications

### Lift-Out

- Suitable for smaller windows requiring only occasional access
- Three frame designs



### Fixed

- Designed for specialist applications such as recording studios and high security windows
- Five frame designs



### Shaped

- Curved head casement or sash window
- Curved on plan casements
- Round windows
- Raked head



### Security

- Range of strengthened frames for physical, blast, ballistic and fire protection
- Less 'visual' option to grilles and bars
- Assists building owners with 'Duty of Care'
- Provides peace of mind

