

What is Secondary Glazing?

Secondary glazing involves the installation of a new fully independent window frame to the room-side of the existing or primary window. This provides 'double glazing' when the primary window is single glazed and 'triple glazing' if already double glazed.

Why is Secondary Glazing specified?

A well designed and correctly installed secondary window will provide a number of important benefits

- **Noise Insulation**
Buildings increasingly need soundproofing against one of today's biggest environmental problems – **noise pollution** – arising from traffic, aircraft, trains and other people's activities, the latter often needing 'noise containment' in the case of pubs and clubs. A standard close coupled sealed unit has almost the same sound insulation characteristics as single glass and so provides little extra protection. Best results are achieved when the two panels of glass are decoupled with a gap of between 100mm and 200mm making a secondary window the ideal solution.
- **Thermal insulation**
Secondary glazing incorporating a single pane of glass applied to an existing single glazed window will almost halve the U-value – a measure of the rate of heat loss. Higher insulation levels are attainable if the secondary window incorporates sealed units. Secondary glazing is not subject to part L of the Building Regulations and so is particularly suited to listed buildings or those in conservation areas where replacement glazing is not an acceptable option.
- **Draught and dust proofing**
Secondary glazing can provide a clean, draught proof environment. Air leakage can cause significant heat loss and discomfort and also allows airborne dust to infiltrate. Secondary windows, tailor-made to suit each window opening, seal the whole window.
- **Security**
A secondary window provides an additional barrier to entry and the inclusion of strengthened locks and anti bandit glass will provide a discrete and effective deterrent. Higher levels of resistance against both blast and physical attack can be provided by Selectaglaze's purpose designed Window Protection Systems.
- **Economic benefits**
Secondary glazing reduces energy loss from a building and provides real savings over its lifespan. Installation can proceed with minimal disruption, a real benefit for businesses such as Hotels, and can be phased to suit budgets. Maintenance costs are low.

Why specify Selectaglaze?

- **Pedigree:**
The Company has designed and developed systems since 1966 and has been privileged to work for a very wide range of clients throughout the UK.
- **Attention to detail:**
The products should look good as well as having excellent function. Examples of attention to detail include concealed fixings, an aluminium flush hinge for the casement systems that is strong enough to take a bomb blast but neat enough to fit in the drawing room, a light weight roller system with a tyre that reduces track wear, a safety driven braking system and restraint for a tilt-in vertical sash window.
- **Technical help:**
Backed by many years of experience, Selectaglaze's full technical advisory service provides detailed site assessments, design assistance, product samples and CAD drawings.
- **Clear specification:**
Selectaglaze systems are included in NBS+.
- **Development:**
As a manufacturer with a policy of continuous product improvement and development the Company has the capacity to offer unique design solutions.
- **Availability:**
UK coverage.
- **Warranty:**
The Company has a strong record of customer service and product support and is happy to enter warranty agreements.
- **Health & Safety:**
Plays a very important role in product design, manufacture, installation and future maintenance. Selectaglaze are accredited within the Contractors Health & Safety Assessment Scheme.

Selectaglaze and the environment

Selectaglaze is committed to pursuing its business having regard to the environmental consequences of its processes and actions. Key areas for attention include avoidance of waste through careful purchasing and processing procedures, minimisation of packaging, recycling of waste principally aluminium and glass, use of recycled materials, and energy efficiency. The Company's products will also make a significant contribution to reducing the energy needs in buildings.