

Grounds for application – Listed Building Consent should be granted

Heat loss: When installing CosyGlazing to single glazed sashes and casement windows, with a high heat loss, the installation aims to reduce heat loss through the windows at approximately 70%.

Appropriate for listed windows: The CosyGlazing system has been developed over 20 years to fit the needs of period windows and is widely thought to be the best solution for reducing heat loss and sound infiltration whilst retaining the fabric and beauty of listed and period windows. The system is popular with architects and conservation officers, for these reasons.

Suitability for listed buildings: CosyGlazing is both reversible and invisible from outside. Therefore, many Local Authorities have stated that listed building consent is not necessary. In cases where LBC has been requested by a local authority, it has always been approved, to date. The award-winning system has been spoken about at STBA, National Trust and similar conferences and has received positive responses from conservation officers, Historic England representatives and other experts in traditional buildings.

Aesthetics: The CosyGlazing system of secondary glazing requires minimal alteration to the existing window and uses plexiglass fitted with self-adhesive magnetic tapes. Some additional furniture may be added to facilitate securing and opening the windows. The overall visual effect is so minor that existing customers say that none of their friends notice the CosyGlazing in place.

Durability: Plexiglas has a 30-year guarantee against UV damage so will not discolour or lose its transparency for at least 30 years. Mitchell & Dickinson magnetic tape has a temperature tolerance of +/- 280 degrees Celsius and is chosen for its durability and very long life. The design life of all Mitchell & Dickinson products is 30+ years, to minimise disruption to listed buildings.

Draught proofing: When the secondary glazing is installed the customer has the option of draught proofing. This is done by replacing the staff and parting beads with new timber beads and brushes. This is invisible from the outside of the building and helps to eliminate draughts, noise and rattling from the window.

Energy Saving: CosyGlazing system is the most efficient secondary glazing system for listed windows, due to plexiglass being a better insulator than glass, and the air gap being closer to the optimum 18mm. Because it adds a minimum of new material to the window it has a low embodied energy, so the Co2 emitted in the installation process is usually paid back within 1-3 months through energy savings. This helps owners of listed properties reduce fuel bills and save energy, making Britain's heritage homes more viable and comfortable, as well as assisting with carbon reduction targets.

Use: When installing integrated glazing, the sashes are weighed and extra weights added so that the windows are perfectly balanced. This often means they are easier to open than before and can be opened by young people and the elderly. The plexiglass is around half the weight of glass, so can be lifted off the magnetic tape for cleaning and maintenance. Special glass lifts are supplied to facilitate this, but are not a requirement.

Health and Safety: Opening windows are trouble-free so exiting in case of an emergency can be easier than before. The associated draught proofing reduces ventilation like a fire door so reduces the risk of fire spreading.