

Secondary Glazing for Thermal and Acoustic Insulation of Existing Windows

Ecoglaze – The Basics

Ecoglaze uses established double glazing principles with our unique magnetic sealing system to achieve cost effective acoustic and thermal insulation for existing windows.

The insulation benefits of double glazing are widely recognised:

- Heat transfer is significantly reduced, saving money on heating costs.
- Reduces incidence of 'cold spots' and draughts providing greater home living comfort.
- Condensation problems are greatly reduced saving time on morning mop ups and preventing the growth of unhealthy mould and mildew on window frames and curtains.
- Noise from outside can be significantly reduced providing peaceful home living conditions.

Ecoglaze Secondary Glazing is made from premium quality, UV stabilised acrylic sheet and high performance plastics. All materials are fully recyclable.

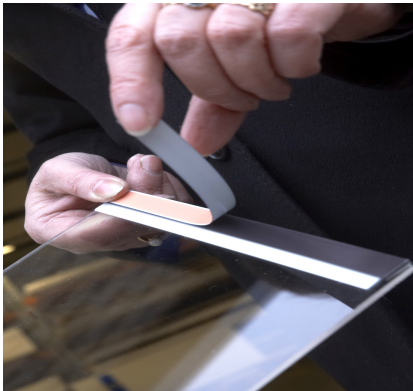
Ecoglaze is fitted to the inside of the existing window, and held in place using our magnetic system. (see picture below) This system traps a layer of still air between the pane of glass and the Ecoglaze Secondary Glazing. This trapped airspace will reduce the rate of heat loss, and also act as a baffle to reduce sound transmission.

Ecoglaze can double glaze your existing windows for a fraction of the cost when compared with replacement double glazed windows, and will still provide you with the benefits of standard double glazing.

Replacing windows can be a messy and invasive process involving the removal of window frames, re-fitting of architraves and window furnishings. An Ecoglaze installation involves the fitting of a discreet second skin to your existing window frames. This is particularly applicable to listed buildings where conventional double glazing is restricted. Ecoglaze gives the benefits of double glazing, without detracting from the beauty of the original windows.

Ecoglaze Secondary Glazing has three main features that directly benefit the homeowner.

- **Insulates, saving energy costs and making your house warmer.**
- **Reduces condensation, making a healthier environment**
- **Reduces external noise annoyance**



Ecoglaze magnetic tape system

The Good News

Features	Benefits
Energy savings/ your carbon footprint.	Acrylic is a fantastic insulator when compared to glass and if fitted as double glazing with an airspace will benefit your living conditions considerably. The incidence of cold spots and draughts will be reduced through your windows.
Heating insulation	Up to 48% of heat can be lost through windows in a fully insulated house ! Ecoglaze has a calculated U-Value of 2.7, meaning that you will benefit from cost/energy savings and a warmer environment.
Condensation reductions	Are your windows sad and weepy in the winter ? The morning mop-ups can become very tiresome every day. With Ecoglaze condensation problems are greatly reduced leaving your home healthier and free of mould and mildew forming.
Noise reductions	Ecoglaze Secondary Glazing will also provide you with reduced noise infiltration for a quieter environment. If you live near a busy road you can fit our panels for acoustic purposes like ear muffs for your windows !

Fitting could not be Simpler!

