

Secondary Glazing



Secondary glazing involves adding another slim-line window to your existing windows to provide similar thermal benefits to that of double glazing but for a fraction of the cost.

It is recommended by the Energy Saving Trust, English Heritage, and Listed Property Owners Club as an ideal solution if you are unable to replace your existing windows with double glazing due to listed building constraints as it allows the original windows to be retained unaltered.

What is secondary glazing?

Secondary glazing can be as simple as a layer of acrylic sheeting that is fixed or removable. Professional installation can include sliding or opening fittings, or simple installations can be self-installed to reduce costs.

It can reduce the U-value of a typical single glazed window from $5.4\text{W/m}^2\text{K}$ to $2.5\text{W/m}^2\text{K}$. If the glass is low emissivity, the U-value is further reduced to $2\text{W/m}^2\text{K}$.

How much energy will I save?

Energy savings are highly dependant upon the building and heating system. Smaller, older buildings with expensive electric heating are most suited, especially with large single-pane windows where self-installing onto the frame or reveal is possible.

It is estimated that for a typical commercial building, you could reduce the amount of heat lost through the windows by 14%.



Benefits

- Reduces the noise from outside.
- Reduces the heat lost through draughts.
- Reduces heat lost through the window.
- Cheaper than double glazing.
- Retain existing windows.
- You can self-install to keep costs down.

