

Energy Efficiency

Get the low-down on U values...

What do we mean by U value?

U value is a means of comparing the heat lost through various parts of a building. A part of a building with a U value of 4.0 W/m²K will lose twice as much heat as one with a U value of 2.0 W/m²K.

The lower the U value the less heat you lose through your windows. For example a single glazed window has a U value of 5.6, with secondary glazing this can be reduced to 1.8 - 1.9. Using Low E glass in secondary glazing reflects most of the heat back into the room.



*Living with
your
windows is
easy*

Eliminating Draughts

Living with your windows

Draughts through your windows can create cold spots around the room, particularly around the legs and feet, as a result heating is normally turned up higher to compensate. The tight tolerances designed into our secondary glazing system keep cold air and dust out whilst retaining the warm air in the building.

Air permeability Test

This defines the ability of the window to resist air penetration when it is subjected to differential pressure and is a measure of the air which seeps through the test window at given test pressures.

The secondary met the stringent test results of Pressure Class 300Pa, and was tested by BSI to the following standards.

BS 5368: Part 1

BS 6375: Part 1

Air-conditioning

Extensive use is made of air-conditioning in today's busy offices, shops, and at home. Installing secondary will help to reduce the energy used in cooling the building and stops cool air escaping out through your windows

Sound Reduction

Sound doesn't have to be complicated...

How does sound travel?

Sound travels through the air like ripples on a pond surface. The sound radiates outwards in all directions from the source, gradually reducing in intensity or until an object stops its progress.

Sound (dB Decibels)

Sound is described in different ways but primarily in terms of intensity and frequency. The sound intensity is described in dB. A low dB indicates a soft sound; a high dB value indicates a loud sound. Frequency describes how high or low pitched the sound is (Hz).

Sound Reduction

A sound's volume at **60dB** decreased by...

-3dB is just perceptible

-5dB clearly noticeable

-10dB Half the original volume

Recommended Indoor Ambient Noise Levels

Dwellings:

Bedrooms 30-35dB

Living rooms 30-40dB

Test results carried out at BSE

A primary window with 4mm glass was tested with our secondary installed behind, at the Building Research Establishment in Watford and achieved the following results.

The Existing Window Achieved a Reduction of 26 dB

With secondary installed with a 100mm air gap between the two.

4mm Glass	34 dB	Reduction in	65%
6mm Glass	39 dB	sound through	65%
Laminated	40 dB	the window	70%
Acoustic Glass	45 dB		75%

South East Secondary Glazing

Unit 23, Leyton Business Centre, Etloe Road, Leyton, London, E107BT

Tel: 0800 078 7738

E Mail sales@sesecondaryglazing.co.uk

Website www.sesecondaryglazing.co.uk



*Have you
become a
radiator
hugger?*

*Is local noise
a major
distraction to
your daily
routine?*



*Do you suffer
from cold rooms
and draughts?*

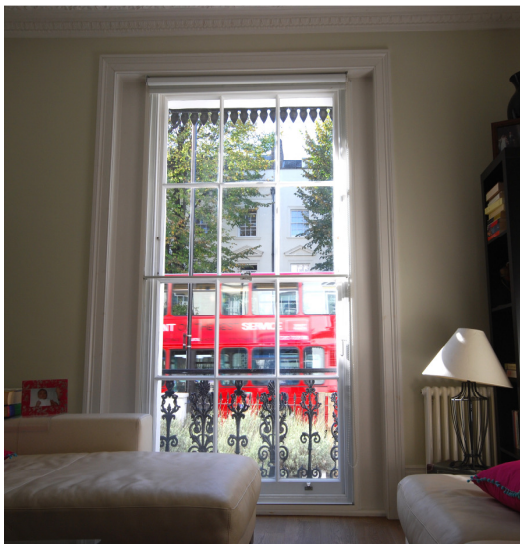


*Would you prefer
life to be a little
more comfortable?*

South East Secondary Glazing

Improving your life style for the better

Secondary glazing has stood the test of time and remains the best form of insulation for homes, offices, public and private sector buildings, against heat loss, draughts and noise intrusion.



Easy installation with no mess



All windows in our range are aesthetically designed to integrate seamlessly with your existing décor, and are available in a full range of colours.



*Unsurpassed Quality...
Effective simplicity*

Up to 45dB reduction in sound through your windows depending on glass choice

Draught free

Low E glass available to help reduce heat lost

Reduced energy consumption in winter and summer

Keeps cool air in when using air conditioning

Keep insects out all year

There are a number of window designs to choose from to help suit existing window and door setups.

Excellence through design



Tailor made units are manufactured to exact specifications, and combined with our highly efficient sealing qualities, makes our system the obvious choice for the discerning buyer.



Fly screens can also be installed behind a glazed panel to offer additional protection throughout the year against airborne and crawling insects.

Window Styles available to choose from

Fixed

Hinged

Lift Outs

Horizontal sliders

Counter balanced Vertical sliders

Tilt counter balanced Vertical