

[www.secondaryglazingni.com](http://www.secondaryglazingni.com)



Secondary glazing is a fully independent window system, retrofitted on the room side of an external window, improving the thermal, acoustic and security performance of the property and is extensively used in heritage and commercial buildings as well as domestic homes.

**WARMER, QUIETER, SAFER**

Secondary Glazing Installers throughout Northern Ireland





# Contents

What is Secondary Glazing?

Benefits of Secondary Glazing

Product Choices

Vertical Slider

Horizontal Slider

Hinged Units

Lift out Units

Arched Units

Benefits Explained

Warmer

Quieter

Safer

# What is Secondary Glazing?

Secondary Glazing is adding an additional internal window to an existing external window. This system provides greater thermal insulation, reduces noise intrusion and improves security to your home, business or listed property, without damaging the aesthetics of the original external window.

## Unobtrusive Design

Our Secondary Glazing range preserves the character and charm for listed properties and will not impact the character of the building. Our durable aluminium Secondary Glazing frames work with the stylings of the existing windows.

## Increased performance

Secondary Glazing is an effective method of keeping external noise out, keeping the heat in and improving security. Our high-performance frames will reduce external noise heat loss. All this whilst retaining your properties authentic aesthetics and making the property more secure.

# Benefits of Secondary Glazing

## Noise Reduction

Secondary Glazing significantly reduces external noise by creating a barrier between the original window and the secondary pane. This is particularly beneficial for properties near busy roads, railways, or airports. We have a range of glazing options including acoustic glass.

## Improved Insulation

Thermal Efficiency & Energy Savings: Secondary Glazing adds an additional layer of glass, reducing heat loss and improving energy efficiency. This helps keep homes warmer in the winter and cooler in the summer.

## Enhanced Security

The additional layer of glass makes it more challenging for intruders to break into a property. Some Secondary Glazing options also include locks or toughened/laminated glass for extra security.

## Preservation of Original Features

Ideal for heritage or listed buildings, Secondary Glazing allows you to retain the original windows while improving their performance. This is important in maintaining the aesthetic and historical value of the property.

## Condensation Reduction

By providing better insulation, Secondary Glazing can help reduce condensation on windows, especially in cold weather, which protects window frames and prolongs their lifespan.

To find all the technical information about our products visit our website [www.secondaryglazingni.com](http://www.secondaryglazingni.com) and download the specification sheets.





## Vertical Slider

*vintage looks with modern functionality*





# Vertical Slider

Ideal for homeowners that are either unable to replace their existing sash windows or don't want to ruin their unique charm, our vertical sliding units provide all the advantages of modern living without impacting the façade.

## Slide Pass Capability

For additional access, our vertical sliding units can be manufactured with slide pass functionality, which enables the two panels to slide completely past one another, ensuring the whole of the secondary unit can be accessed and cleaned.

## Tilt-in Capability

For unlimited access, our vertical sliding units can be manufactured with a unique tilt-in feature, which enables both panels to individually pivot up to 180° inwards for supreme access.

## Other Key Features

- Integrated lock for superior aesthetics
- Tilt-in variation has restrictor arms as standard
- Up to 10.8mm glazing available, including acoustic safety glass
- Colour coded stop blocks, hardware, trickle ventilation and restrictors available



*vintage looks with modern functionality*







# Horizontal Slider

Arguably the most popular product in the entire range, our horizontal sliding units offer a sleek design aesthetic with minimal sight lines. Whether it's for a period property, listed building or city centre apartment, our horizontal sliders blend to their surroundings and provide extensive thermal and acoustic benefits, without compromise on style.

Available in 2, 3, 4 and 5 panel configurations, horizontal sliding units can be used to glaze large glass expanses, with smooth sliding along the frame.

## Other Key Features

- Removable panels for ease of cleaning
- Integrated lock for superior aesthetics
- Up to 10.8mm glazing available, including acoustic safety glass
- Colour coded stop blocks, hardware, trickle ventilation and restrictors available



To find all the technical information about Horizontal Sliders and our other products visit our website [www.secondaryglazingni.com](http://www.secondaryglazingni.com) and download the specification sheet.



*slim, versatile and stylish*





Hinged Unit  
*the open-in style of window*





# Hinged Unit

Suitably matched with every style of existing window, our hinged units open inwards like a door and feature butt hinges. With hinges that can be positioned on either side of the unit, or hung from the top should the room require, this product is perhaps the most adaptable in our entire range.

With no transoms or mullions to spoil the view, our hinged units offer a truly unobstructed view of the world beyond the window.

## Other Key Features

- Available in Slimline, Heavy Duty Double and Stable Door variations
- Slimline unit available with a drop handle that sits flush against the frame
- Butt hinges allow for 180° opening
- Espag handle available
- Up to 28mm glazing available
- Colour coded hardware, trickle ventilation, restrictors and low thresholds available



To find all the technical information about Hinged Units visit our website [www.secondaryglazingni.com](http://www.secondaryglazingni.com) and download the specification sheet.

*the open-in style of window*





Lift Out Units  
*fixed but moveable*





# Lift Out Units

An ideal solution for existing windows that require only occasional access, our lift out units provide an effective deterrent against heat loss and external noise.

Fixed to either the face or the reveal of the existing window, our range of lift out units are made using a lightweight aluminium twin track profile, which offers the flexibility to be easily removed if required.

Effectively the most 'removable' product in our entire range, lift out units provide a unique alternative to more traditional secondary glazing configurations.

## Other Key Features

- Up to 10.8mm glazing available, including acoustic safety glass
- Trickle ventilation available



To find all the technical information about Lift Out Units visit our website and download the specification sheet.



*fixed but moveable*



# Arched Units

We are able to manufacture virtually any style and shape of window precisely to specification. No matter the size or shape of the primary window, we're able to produce an effective secondary glazing solution that offers extensive acoustic, thermal and security benefits.

From arched and bay windows, to curved and circular glass, we have the facilities to curve and bend our aluminium profile as well as to produce angled secondary windows.

## Other Key Features

- Custom frames manufactured to order
- Curved and arched frames available
- Choose from over 200 RAL colours
- Ideal for commercial projects of all sizes
- Colour coded hardware available

To find all the technical information  
about Arched Units visit our website  
**[www.secondaryglazingni.com](http://www.secondaryglazingni.com)**  
and download the specification sheet.



*customisation is king*



# Warmer

## Reduce Heat Loss

Are you losing heat? Reports show that up to 10% of heat is lost through your windows. Installing Secondary Glazing adds an extra barrier to prevent heat loss.

As Secondary Glazing is often fitted with a 150mm – 200mm cavity from the primary window, the air filled cavity acts as an insulator. The creation of an insulating layer of air is as important to the retention of energy as the fitment and seals. With the right glass, the result can be a reduction in heat loss by as much as 65 percent.

For thermal insulation, low-E glass is often the best choice because the glazing has been designed and engineered to provide:

- The very best single glazing insulation
- Maximum energy conservation
- An extremely discreet installation
- An environmentally friendly solution
- An affordable investment with quick returns

## Product of Choice

Low-E glass has a transparent coating specifically designed to reflect heat back into the room, reducing heat loss through the window and energy consumption. Studies suggest that Secondary Glazing will save on energy bills.

Secondary Glazing is the product of choice for traditional buildings and properties, listed buildings and conservation areas, maintaining their appearance, character, integrity and value.

Test results highlighted that a timber window has a U Value of around 4.7 W/m<sup>2</sup>K. A sealed secondary glazed unit can yield a lower U Value of up to 0.97 W/m<sup>2</sup>K.



*thermal benefits*



# Quieter

## A Scientific Solution

The very nature of Secondary Glazing means it offers a three-pronged defensive against intrusive external noise. Any sound would need to first penetrate the glazing within the primary window, then pass through the air gap to the secondary unit, then finally pass through the secondary glazing itself. This triple barrier defence is why Secondary Glazing is such an effective noise reduction tool.

## Effective Decibel Reduction

Our entire range is extensively tested to ensure we're offering the best possible levels of noise reduction to homeowners. Our units can offer a reduction of decibels when paired with acoustic glazing. This reduction adds tranquillity to rooms where traffic, rainfall and general noise can be heard.

## Perfect for Built-up Areas

As more homes are being built in traditionally noisy areas, homes near trainlines, roads and within airport flightpaths are becoming increasingly common. Thankfully, Secondary Glazing means this less of an issue as our Secondary Glazing systems provide a deterrent to unwanted external sound.



*noise reduction*



# Safer

Windows are often seen as the weak point in building security. Secondary Glazing offers an affordable, discreet, highly effective solution to help counter this issue. Secondary Glazing is extremely difficult to open from the outside and provides an additional physical barrier against forced entry.

## Tough and Resistant

Frames are made from tough aluminium and securely fixed. Cutting tools are deterred whilst the tampering of locks and catches, and removal of the glass or glazed panels, is difficult.

For commercial properties, vulnerable windows that are easily accessible are prime candidates for Secondary Glazing. Organisations involved in religious, medical, education or in heritage areas also benefit greatly from the added levels of security.

## Stronger Barriers

When you invest in secure Secondary Glazing, you're creating an additional barrier between your home and the outside world. Secondary Glazing is a strong barrier placed between you and any potential intruders as the toughened glass panels are resilient to attack and are usually installed with a second lock.

Enjoy peace of mind that your period property or listed building is shielded from potential intruders with Secondary Glazing's security features. For a listed home or office, you want to keep it safe and preserved for your own well-being as well as the aesthetics and heritage of the property.



*increased security*



## Secondary Glazing Installers throughout Northern Ireland



For a free no obligation quote and advice, please contact us on:

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