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Why Secondary Glazing?

Quite simply, homeowners choose secondary glazed windows because they're quiet, warm and secure. These three features are the bedrock of our unique secondary glazing system and are the reason why so many homeowners are adopting secondary glazing.



Noise Reduction

From a sound insulation perspective, secondary glazing offers the most effective levels of noise reduction on today's market, significantly outperforming all other glass solutions. Our bespoke secondary glazing is manufactured using state-of-the-art machinery to lock-in a tightly sealed frame which reduces noise levels by up to a whopping 80%.



Enhanced Security

If security is your priority, secondary glazing offers a unique, additional deterrent to any would-be intruders. Unlike traditional windows, secondary glazing is incredibly difficult to open from the outside and create a further layer of defence against forced entry. Our frames are made from only the most durable, high quality aluminium and are securely fixed to resist forcing.



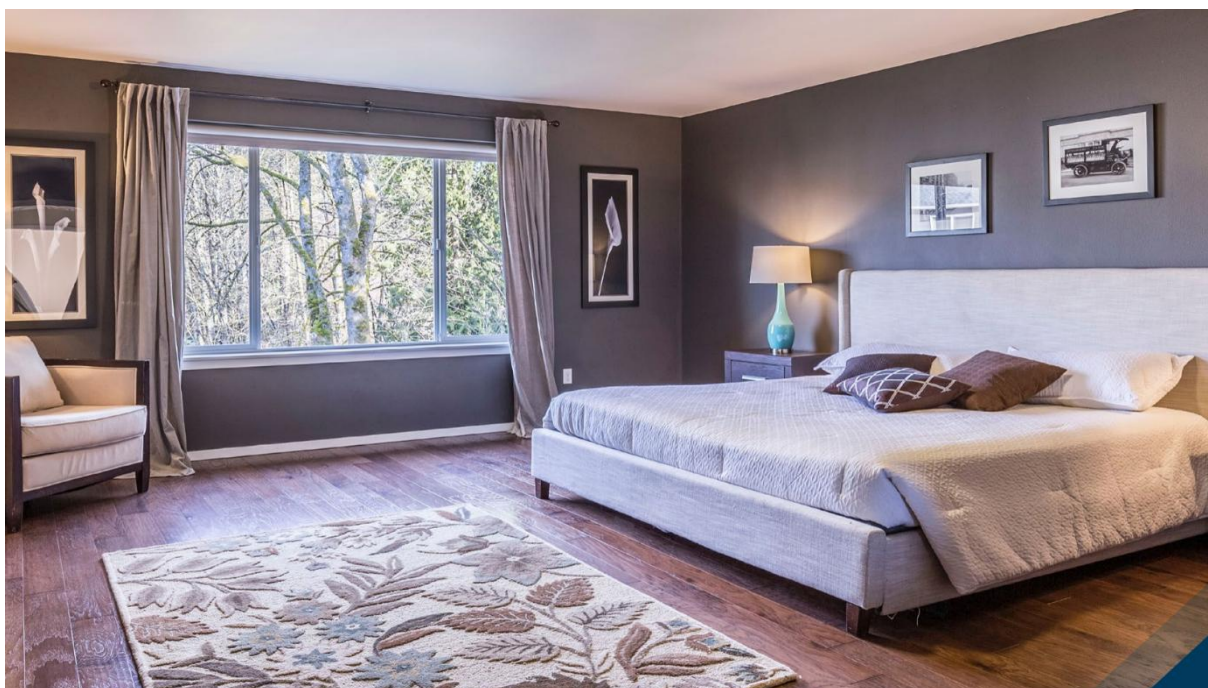
Thermal Insulation

If draughty windows are of bigger concern for your property, secondary glazing adds an extra layer of defence to guard your home against heat loss. The small gap between your existing window and the secondary unit effectively acts as an insulator, creating a separate layer of air between the two which can reduce heat loss by up to 65%.



Seamless Aesthetics

The sleek, modern design of our secondary glazing systems ensures that you're able to enjoy all the acoustic, thermal and security benefits, without having to compromise on style.



Horizontal Slider.

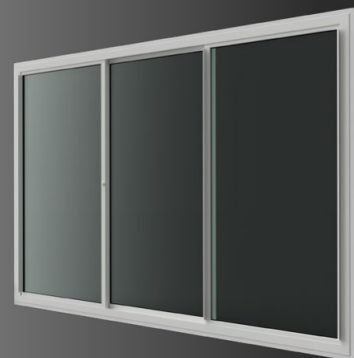
Slim, Versatile & Stylish

Arguably the most popular product in the entire range, our horizontal sliding units offer a sleek, slimline design aesthetic with minimal sight lines.

Whether it's for a period property, listed building or city centre apartment, our horizontal sliders seamlessly blend to their surroundings and provide extensive thermal and acoustic benefits, without even the slightest compromise on style.

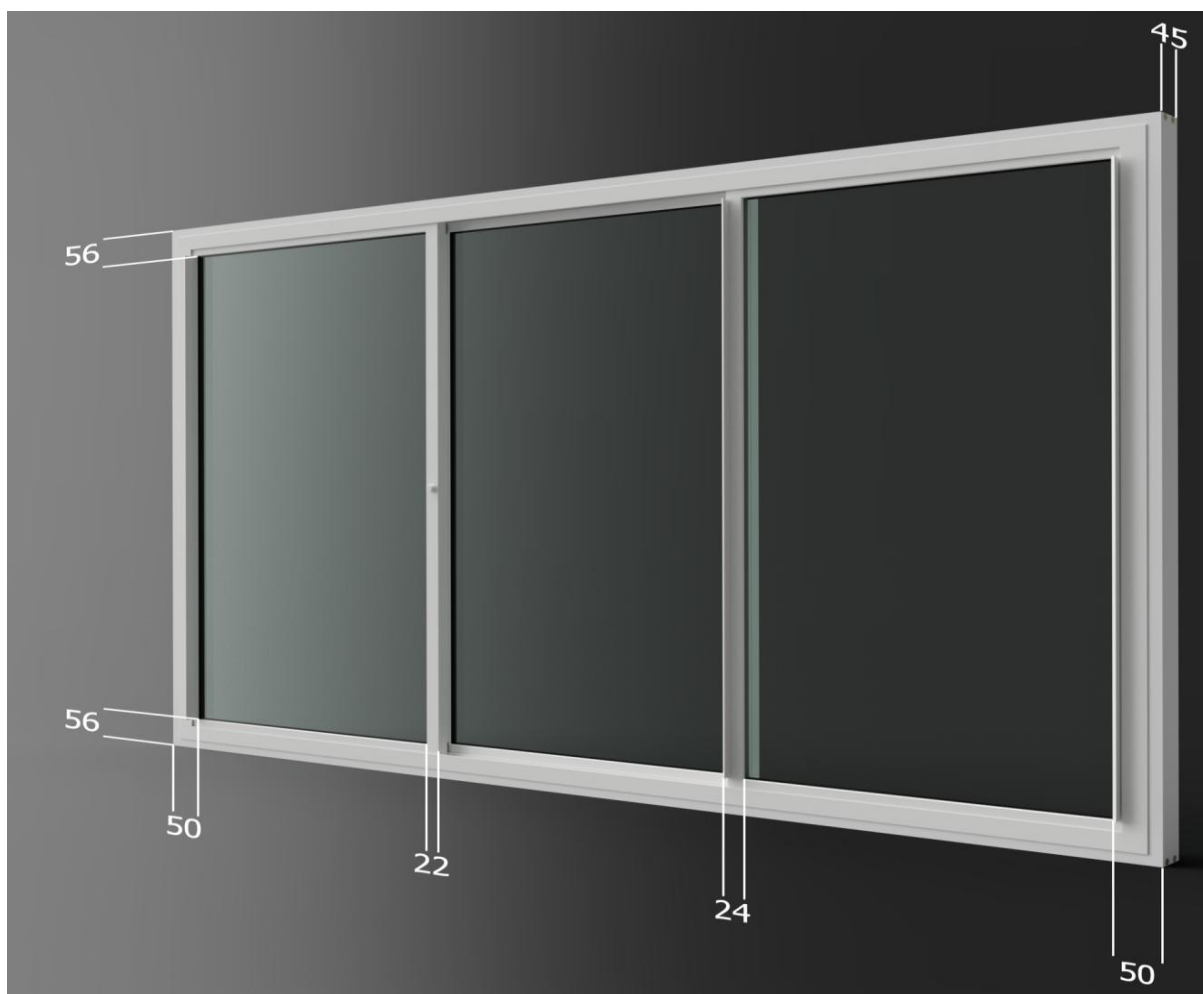
Available in 2, 3, 4 and 5 panel configurations, horizontal sliding units can be used to treat even the largest of glass expanses, with brass rollers as standard to ensure effortless sliding along the frame.

Smart, Elegant
& Practical.



Other Key Features:

- Removable panels for ease of cleaning.
- Integrated lock for superior aesthetics.
- Up to 10.8mm glazing available.
- Colour coded hardware available.
- Trickle ventilation available.
- Restrictors available.



Horizontal Slider.

A slim and versatile horizontal sliding system that provides easy access for cleaning and ventilation, and is suitable for treating most window types. Available with 2, 3, 4 or 5 sliding panels.

Features

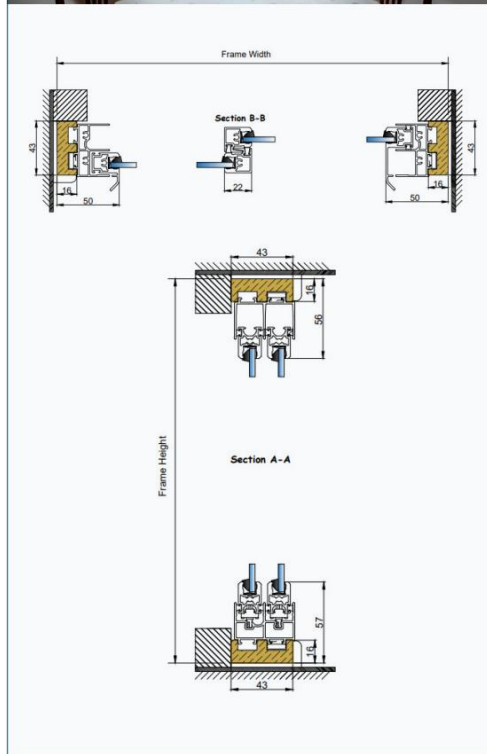
- Slim, unobtrusive aluminium profile
- Smooth sliding action on panels for easy operation using brass wheels
- All panels lift out for complete access to primary window
- Improved noise and thermal installation
- Suitable to have bevelled timber subframe to fix in to bays/splayed reveals
- Can be coupled or stacked with other units in the range to treat large areas of glazing or long runs of windows
- Available in right hand (RH) or left hand (LH) orientation

Specification

- Glazing options: 4mm in our Classic range
- Glazing options: 6mm – 10.8mm in our Enhanced range
- Choice of timber subframes
- Pre-drilled and countersunk for face fix and reveal fix through timber. Reveal fix through aluminum is self-drilled
- Woolpile inserted in to panel section groove to create outer frame seal
- Gasket colour – white as standard, black also available upon request
- PVCu trims supplied for the face of the units to create a neat, clean finish
- Standard colour 9003 Satin White

Variations of Basic Unit

- Locking push button available to secure panels (fitted to the interlock sections)
- Standard and acoustic trickle vents are available
- Unit available with no subframe – reveal fix only and self-drilled
- Larger trims and timber trims available at additional cost
- Variety of stock colours available, plus access to over 200 RAL Colours (charges apply).

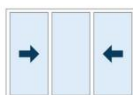


HS2



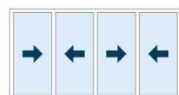
MAX WIDTH
4,934mm
MAX HEIGHT
2,768mm

HS3



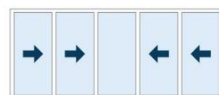
MAX WIDTH
4,934mm
MAX HEIGHT
2,768mm

HS4



MAX WIDTH
4,934mm
MAX HEIGHT
2,768mm

HS5



MAX WIDTH
4,934mm
MAX HEIGHT
2,768mm



Optimum Noise Reduction: 49dB (Rw)

Using 6mm toughened primary glazing and 6.8mm acoustic laminate secondary glazing.



Optimum U Value: 1.5 W/m2K

Using 4mm toughened Low E glazing, with 80mm glass-to-glass

Sponsor:	
Product Name/Desc.	See Variations
Product Type	Primary and Secondary Glazing
Material Type	Aluminium
Variations:	
Secondary Glazing	HS2 10.8mm Acoustic Laminate

For detailed technical specification, please refer to Section 2 of the report

Data sheet Ref. WYC504734/01/P012

Date of Test: 12/07/2021

Source Room Volume: 82.40 m³

Receive Room Volume: 69.60 m³

Specimen Installed By: Client

Area of Specimen (S): 1.44 m²

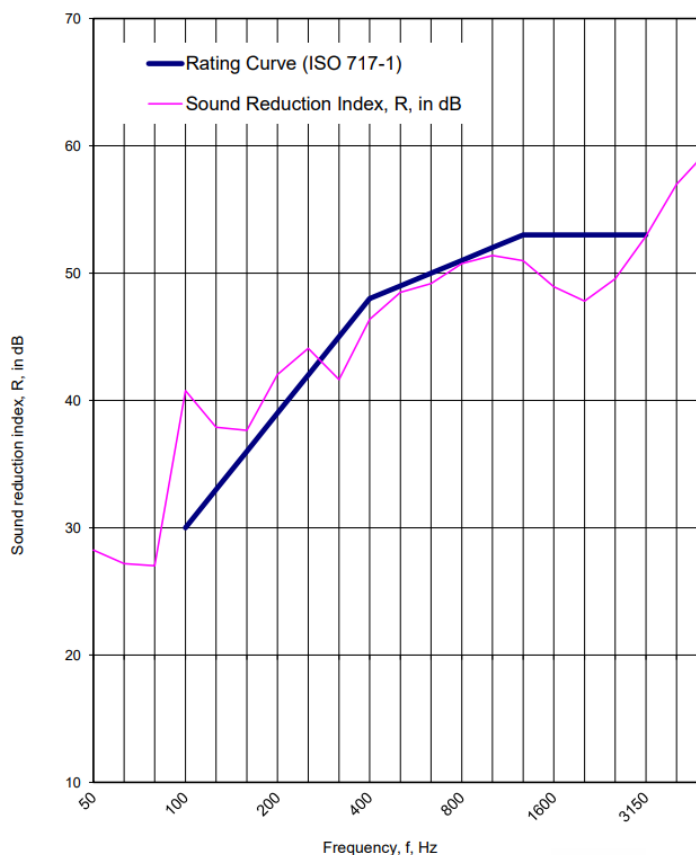
	<u>Sour.</u>	<u>Rec.</u>
Temp. in Test Rooms:	17.9	18.1 °C

	99850.0	99850.0 Pa
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Humidity in Test Rooms:	52.1	49.6 %
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f, Hz	R, dB
50*	28.2
63*	27.2
80*	27.0
100	34.6
125	37.9
160	37.6
200	42.0
250	44.1
315	41.6
400	46.4
500	48.5
630	49.2
800	50.8
1000	51.4
1250	51.0
1600	48.9
2000	47.8
2500	49.6
3150	52.9
4000	57.0
5000	59.6
AAD	-22.0

Frequency range for rating in accordance with ISO 717-1



$R_w = 49$ dB	$C_{(50-3150)} = -1$ dB	$C_{tr(50-3150)} = -6$ dB
$R_w + C = 49$ dB	$C_{(50-5000)} = 0$ dB	$C_{tr(50-5000)} = -6$ dB
$R_w + C_{tr} = 47$ dB	$C_{(100-5000)} = 0$ dB	$C_{tr(100-5000)} = -2$ dB

Jamie Nelson
Technical Officer

* indicates that the frequency is outside of our UKAS accreditation and is for information only

The legal validity of this report can only be claimed on presentation of the complete report

Report for:

Report Ref: WYC504734/01