

THE
SOUNDPROOF
WINDOWS
Silent by design.



SOUNDPROOF CASEMENT WINDOWS

Our range of soundproof casement windows are not only available in a wide range of designs, but will be tailored to suit your individual noise complaints. Providing up to 51dB reduction in our triple glazed option. We create modern designs as well as like-for-like replacements, perfect for those in conservation areas.



TRUSTMARK
Government Endorsed Quality



FENSA
Registered Company

We are rated 4.9 out of 5



★ Trustpilot



SILENCE IS GOLDEN...

From latticed timber units to grand gothic arches, casement are the most versatile windows, adding true flair and serious value to your property. Made-to-measure, all of our casement units are carefully crafted from sustainable, engineered wood designed specifically to combat noise pollution.

All units are factory finished with a specialised top-coat, and have been specially designed to enhance the timber's natural acoustic dampening properties.

Completed with friction hinges, which allow the window to stay open without the need to use a stay, all of our casement windows include a multi-point locking system which not only improves safety but also provides a-grade thermal efficiency.

Designed to specifically combat swelling in the wood and damp, these units are super-low maintenance and built to last. That's why we provide up to a 30-year guarantee on all purchases.

In addition to fitting your new windows, our specialist team have a unique installation process and utilise low expanding foams to ensure there are no gaps for noise to penetrate through.



Your new windows and doors are covered by a 10 year insurance-backed guarantee from the Consumer Protection Association so you can rest assured that your home is in safe hands.

OUR FULL RANGE

From standard casement to like-for-like replacements perfect for conservation areas, we can boast reductions of up to 51dB in our triple glazed option.

SOUNDPROOF	SOUNDPROOF+	ULTRA
<i>Glazing:</i> 40-43dB	<i>Glazing:</i> 45-46dB	<i>Glazing:</i> 51dB Triple Glazing
<i>Frame Thickness:</i> 79 or 95mm	<i>Frame Thickness:</i> 79 or 95mm	<i>Frame Thickness:</i> 113mm
<i>Overall Reduction:</i> Estimated Rw 38db	<i>Overall Reduction:</i> Estimated Rw 43db	<i>Overall Reduction:</i> Rw 45db C Value 45dB Ctr 42dB



“The windows fit perfectly, look beautiful and block out the noise from the busy train lines that run underneath our windows.”

- Holly

ULTRA RANGE

Recommended for high to severe levels of noise pollution.



SPECIFICATIONS

ULTRA RANGE

SYSTEM

Multi-layered timber
Casement Windows

TYPE OF WOOD

Other types of timber are
also available

Standard: **Meranti**

Options:

- Larch
- Oak

CRITICAL DIMENSIONS

- Front to back depth: 113mm
- Jamb: 66mm
- Head: 66mm

GLASS 51.44mm

Internally beaded

Standard:

- SGG Climaplust Safe Silence 51dB

Options:

- Security glass
- Obscure glass

GLAZING BARS 20 - 65mm

Standard: **Warm edge in white**

Options:

- Silver
- Black
- Grey
- Beige
- Brown

COLOUR AND FINISH

Standard: **Three coat full finish
in white or black**

Options:

- Three coat full finish in any colour
from RAL colour palette
- Three coat full finish in dual colour

IRONMONGERY

Standard:

- Concealed side swing friction
hinges with „Easy Clean” function
- Brushed chrome handles with locks
- Multiple locking system

Options:

- Polished chrome
- Brass
- White

Other types of ironmongery also available
on special request

TRICKLE VENTS

Not available in noise
reduction windows

ADDITIONAL SECURITY

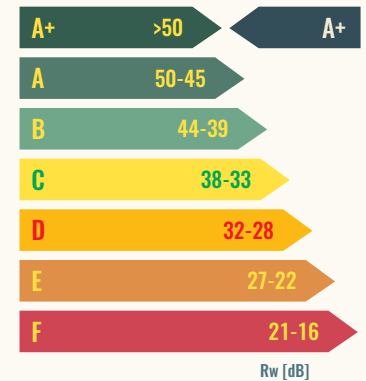
Additional security
restrictors are available

NON-STANDARD SHAPES

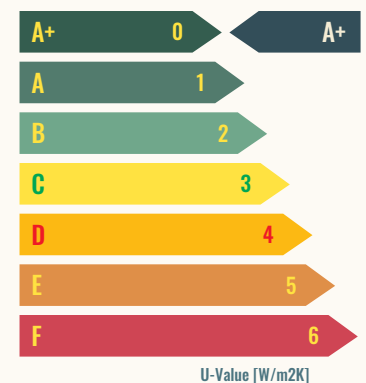
Arches, non-standard shapes
and decorative elements are
available

Please note - additional options might extend
lead-time and increase the cost.

Acoustic Efficiency



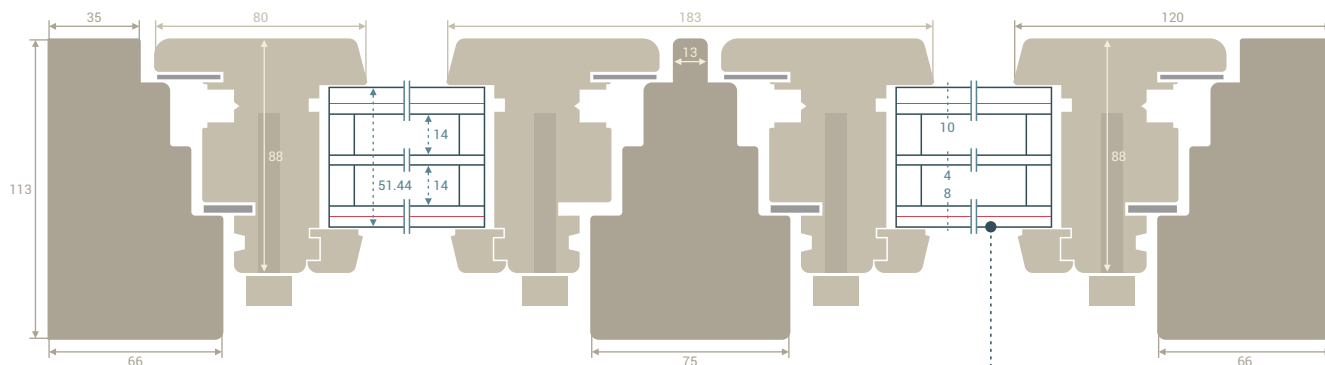
Thermal Efficiency



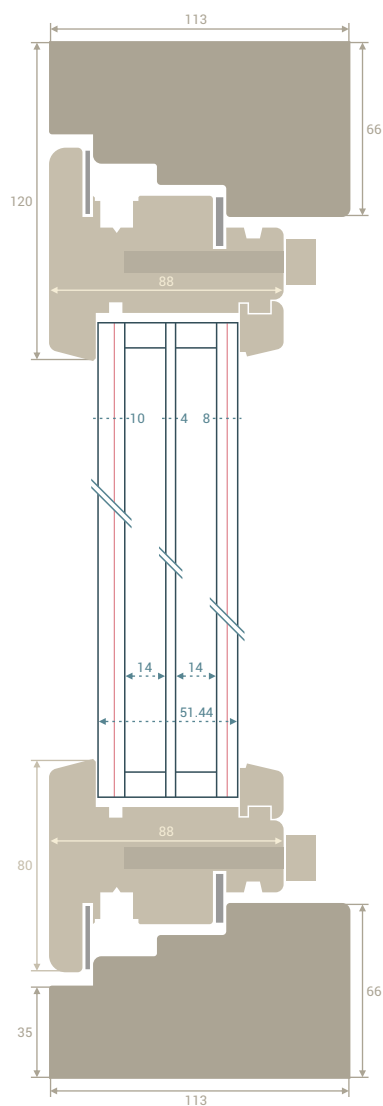
Our team has been vetted
by Trading Standards to
ensure that we can deliver
the service you deserve.
As part of the Buy With
Confidence scheme, you
can rest assured you're
in safe hands.

CROSS-SECTIONS

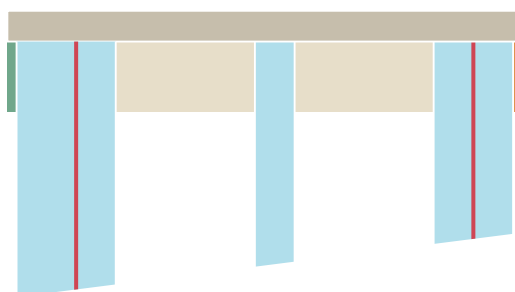
Ultra Range Horizontal



Ultra Range Vertical

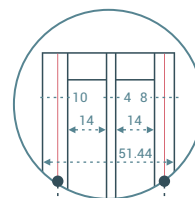


Specialist Noise Reduction Triple Glazing

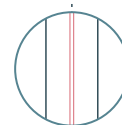


- Noise Reduction Silicone
- Micro Rubber
- Acoustic Laminates
- Increased Thickness Inner Pane
- Noise Reduction Laminated Glazing

Glass:



64.2SI / 14A / 4 / 14A / SI44.2 T
51.44mm 51dB



Two layers of acoustic lamination



SOUNDPROOF & SOUNDPROOF+ RANGE

Recommended for moderate to high levels of noise pollution.



SPECIFICATIONS

SOUNDPROOF & SOUNDPROOF+ RANGE

SYSTEM

Multi-layered timber
Casement Windows

TYPE OF WOOD

Other types of timber are
also available

Standard: **Meranti**

Options:

- Larch
- Oak

CRITICAL DIMENSIONS

- Front to back depth: 79, 95mm
- Jamb: 68mm
- Head: 68mm

GLASS 26, 28mm

Internally beaded

Standard:

- SGG Climaplust Safe Silence 46dB
- SGG Climaplust Safe Silence 43dB
- SGG Climaplust Safe Silence 40dB

Options:

- Security glass
- Obscure glass

GLAZING BARS 20 - 65mm

Standard: **Warm edge in white**

Options:

- Silver
- Black
- Grey
- Beige
- Brown

COLOUR AND FINISH

Standard: Three coat full finish
in white or black

Options:

- Three coat full finish in any colour
from RAL colour palette
- Three coat full finish in dual colour

IRONMONGERY

Standard:

- Concealed side swing friction
hinges with „Easy Clean” function
- Brushed chrome handles with locks
- Multiple locking system

Options:

- Polished chrome
- Brass
- White

Other types of ironmongery also available
on special request

TRICKLE VENTS

Not available in noise
reduction windows

ADDITIONAL SECURITY

Additional security
restrictors are available

NON-STANDARD SHAPES

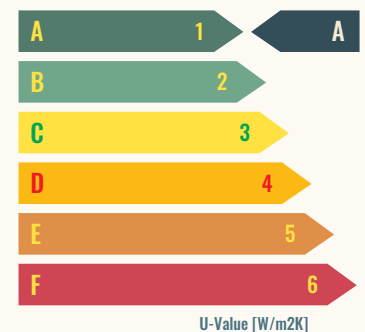
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Acoustic Efficiency

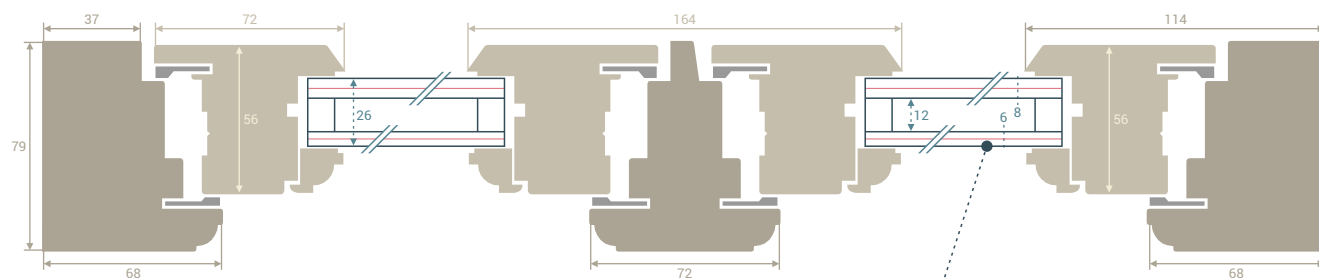


Thermal Efficiency

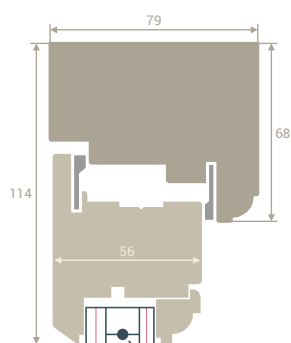


CROSS-SECTIONS

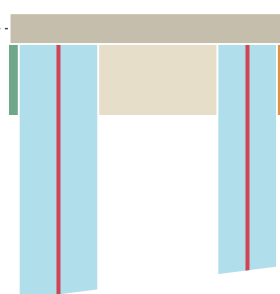
Soundproof & Soundproof+ Range Horizontal



Soundproof & Soundproof+ Range Vertical

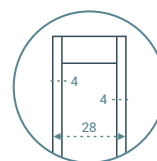


Specialist Noise Reduction Double Glazing

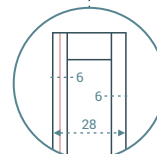


- Noise Reduction Silicone
- Micro Rubber
- Acoustic Laminates
- Increased Thickness Inner Pane
- Noise Reduction Laminated Glazing

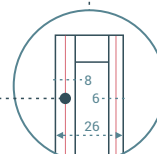
Glass Options:



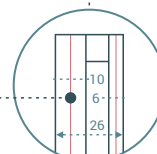
4 / 20 / 4
28mm 30dB



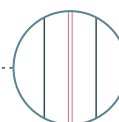
33.1 / 16A / 6T
28mm 40dB



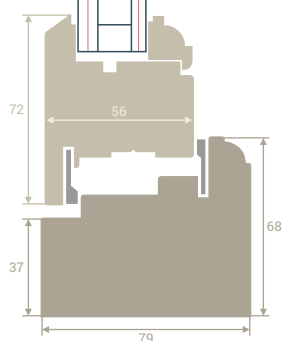
44.2 / 12A / 33.1
26mm 43dB



64.2 / 10A / 33.1
26mm 46dB



Two layers of acoustic lamination





Case Study

A CASE FOR CASEMENT

As they say, the city never sleeps. Living within a stone's throw of Tower Bridge is a blessing, but being bombarded by the sounds of bikes, buses and cars at all hours isn't.

The sounds of the inner city are now the same as a distant whisper.

To best combat the low rumble of road traffic we installed our 46dB Soundproof+ casement windows. Made-to-order, with a curved head to fit with the design of the building, the frames were finished with a custom RAL grey.

	MAX SOUND (dB)	AVERAGE SOUND (dB)
BEFORE	67	55
AFTER	38	35
PERCEPTIBLE DIFFERENCE *	87.5%	75%

* This represents the reduction in noise according to the human ear.

Case Study

A CASE FOR CASEMENT





SAY GOODBYE TO SLEEPLESS NIGHTS

We don't do pushy sales. It's not our style. We'd much rather you found a product that you were happy with instead of one you were convinced to buy.

So if you are done with sleepless nights and noisy days, we're here to simply guide you through your options. Just drop us a line.

hello@thesoundproofwindows.co.uk

0203 051 9231

