



## Engineered for urban living.

Glass connects us to the outside world, but ordinary glass also connects us to sounds that we don't always want to hear. To help make your home the sanctuary it should be, Viridian has engineered ComfortHush to reduce unwanted noise entering your home, whilst providing superior energy efficiency.

ComfortHush is an acoustic performance glass, which also features a durable Low E (low emissivity) coating to keep your home cooler in summer and warmer in winter.

Being a laminated glass, ComfortHush is a Grade A safety glass and reduces fading of interior furnishings by eliminating 99% of Ultra Violet (UV) light. So if you'd like to add tranquility, thermal comfort and improved energy efficiency to your urban lifestyle, ComfortHush takes your windows beyond the ordinary.



### The benefits are clear.

### > Reduce unwanted noise.

ComfortHush can be installed into most single glazed window frames.

### Improve comfort and energy efficiency.

ComfortHush provides up to 39% better insulation than ordinary glass<sup>‡</sup> resulting in a more comfortable home and energy savings all year round.

### > For your protection.

ComfortHush is a Grade A safety glass and helps to protect your interior furnishings from fading by eliminating 99% of Ultra Violet (UV) light.

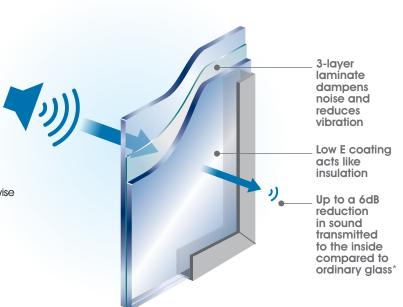
### > From a name you can trust.

As the only Australian glass manufacturer and with the largest network of processing capabilities, sites and service staff, Viridian are the 'local experts in glass'. Backed by a comprehensive warranty, ComfortHush is tailored to the demands of the Australian market.

## Performance is no coincidence.

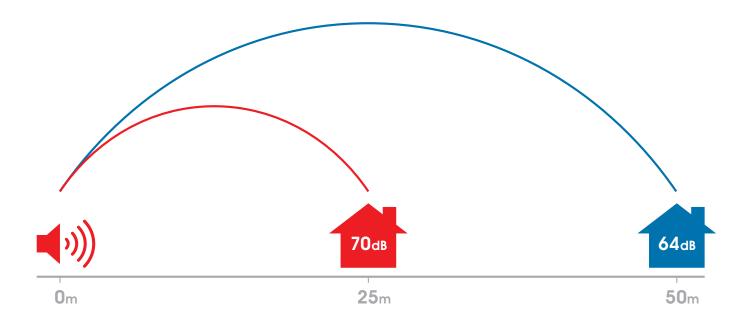
ComfortHush incorporates a unique 3-layer laminate construction that has been specially designed to reduce sound across critical frequencies – the so-called 'peaks and troughs' that would otherwise pass freely through ordinary glass.

In fact, ordinary 3mm glass in a residential window would need to be at least three times as thick to offer the equivalent sound reduction as ComfortHush.†



# Go twice as far without moving.

ComfortHush provides up to a 6dB improvement compared to ordinary 3mm glass\* commonly found in residential windows – it's like moving your house roughly double the distance from the noise source to achieve an equivalent reduction in sound.





"In contrast
to many other
environmental
problems, noise
pollution continues
to grow"

World Health Organisation

### Make a sound decision on frames.

ComfortHush fits into most single glazed window frames. However, to avoid noise leaks, you need to ensure that ComfortHush is installed in a frame that's well sealed and professionally fitted. If the frame isn't sealed properly then ComfortHush can't work to its full potential.

Talk to an experienced architect, builder or window fabricator to learn more about how ComfortHush can help keep your home more tranquil.

The nature of the decibel scale illustrates how a small variation in decibels equates to a large variation in what we hear.













Normal conversation



Dog barking



Loud traffic



Train whistle at 150m



Lawn mower, truck, car horn



16x times as loud as 70dB

Loud rock concert



<sup>\*</sup> Based on comparison of weighted sound reduction index (Rw) of Comforthush and 3mm annealed float glass. † Based on comparison of weighted sound reduction index (Rw) of Comforthush and 10mm annealed float glass. \* It is estimated that on a daily basis almost 40% of Australia's population is exposed to undestrable levels of traffic noise and a further 10% is exposed to excessive levels (Australian Academy of Science). ‡ Based on U-value composition of 4mm clear float glass. \*\*Trademant of CSR Building Products Limitled. Disegno VIR10725

### ComfortHush helps keep noise out and comfort in.

Traffic, machinery, noisy neighbours...intrusive noise coming into your home can make it harder for your family to talk, learn, sleep and relax.

ComfortHush has been engineered by Viridian to help reduce unwelcome outside noise, making your home a more enjoyable place to be.

**Decreases** noise by up to

34%



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### Viridian ComfortHush warranty.

ComfortHush is backed by a comprehensive Australia-wide warranty. To find out more, visit viridianglass.com/warranties

### Choose acoustically sound building products.

Typically the weakest point in a home is the windows. Installing windows with good acoustic performance needs to be supported with the careful selection and insulation of walls, floors and roof materials to enhance the overall acoustic performance of your home.

CSR is home to many iconic household brands such as Gyprock;™ Monier™ and Bradford™ which offer products that have been carefully engineered to:

- > reduce external noise intrusion into homes
- > control and dampen sound within homes
- > improve the overall acoustic performance of homes.

So when you insist on quality windows and glass, CSR can also help you improve and protect the rest of your home. To find out more, visit csr.com.au

ComfortHush is the start of a comprehensive range of single and double glazed acoustic performance glass products developed by Viridian. For more information call 1800 810 403 or visit viridianglass.com

CSR