

# Would You Like Quiet With Those Windows?



Specialised acoustic laminated glass. Your genuine solution for your quiet space.

Audioshield® is a high-performance acoustic laminate that contains a special interlayer for superior sound reduction against a full range of noises.

When it comes to noise, it is important to know what type of noise you want to block. Low base type noise is low frequency (Hz) while high treble type noise is high frequency (Hz). Mass (thicker glass make-ups) is better for blocking low frequency noise while acoustic laminate is better for blocking high frequency noise. A combination of the two can be used to block a full range of different noise types.

Whether it's your living room, bedroom, office space, school, meditation area or band practice, acoustic laminate can help maximise your sound protection (or retention) and comfort levels.

**Decibels (dB)** is how sound is measured. A change of 3dB is only just recognisable while a change in 5dB is an obvious change in noise level.

**Hertz (Hz)** is a standard unit for measuring frequency (repetition of soundwaves per second). Low frequency noise is base and high frequency noise is treble.

**Weighted Reduction (Rw)** is an average weighted sound reduction index of decibels. Rw figures alone can be misleading if you do not identify the noise type that you want to block and look at the Rw blocking factor in that frequency range.

As well as providing superior acoustic properties, Audioshield® uses clear glass for high visible light and clarity. Audioshield® is:

- Safe** Grade A safety glass compliant
- Secure** Strong laminated glass
- Protects** Protects your timber floors, carpets, furniture and colours in artwork from fading factors of harmful Ultraviolet (UV) rays.

Audioshield® is available in single glazed:

- 6.5mm / 6.76mm
- 8.5mm / 8.76mm
- 10.5mm / 10.76mm
- 12.5mm / 12.76mm

Custom made laminates are also available and can be combined in an Insulglass® Insulated Glass Unit (IGU).

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Glass Group®**