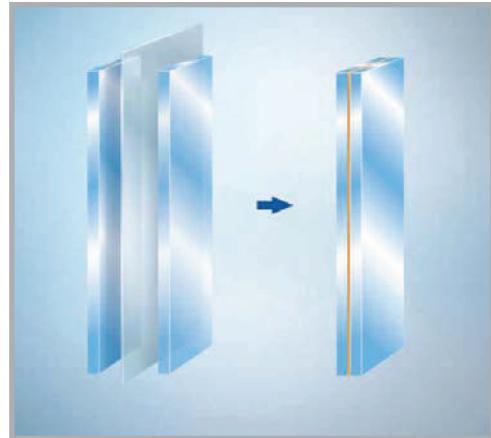


SGG STADIP SILENCE is a laminated safety glass, providing noticeable insulation against noise and helping to create quieter interiors



What is it?

SGG STADIP SILENCE combines two sheets of clear glass bonded together with a totally transparent plastic interlayer (PVB). The interlayer absorbs sound and reduces the level transmitted through the glass helping to keep both unwanted noise out, or to keep noise in.



The PVB acoustic interlayer between 2 sheets of clear glass



Advantages

Creates more peaceful interiors by reducing noise pollution from air, train and road traffic, general street noise and noisy neighbours.

Is also effective at keeping sound in where confidentiality or consideration to neighbours is required.

Is a safety glass and can be used in safety critical locations.

Is manufactured to provide enhanced security. If broken through vandalism, the glass remains adhered to the interlayer, hindering breakage through the glazing.

The interlayer filters up to 99% of UV radiation, therefore the use of SGG STADIP SILENCE in patio doors and conservatories helps slow the fading of furnishings.

Its interlayer is transparent and colourless, meaning SGG STADIP SILENCE resembles ordinary glass, with excellent optical qualities.

Where can it be used?

SGG STADIP SILENCE is ideal for any application in the home where there is a need to insulate against excessive noise levels but is most effective when used in double glazing. It is particularly effective against traffic noise when used in windows facing onto busy roads. It is also ideal for conservatory roofs, roof lights and glazed roofs by reducing noise from rain and hail.



SGG Stadip® Silence
Acoustic PVB laminated
Safety Glass

Frequently Asked Questions

What is acoustic laminated safety glass?

Acoustic glass consists of a minimum of two sheets of glass bonded together by at least one interlayer, known as PVB (Polyvinyl Butyral), providing protection against noise sources whilst maintaining the safety and security properties of standard laminated glass.

How does acoustic laminated glass work?

The special PVB interlayer used in SGG STADIP SILENCE between the two panes of glass absorbs sound, helping to keep both unwanted noise out or to keep noise in.

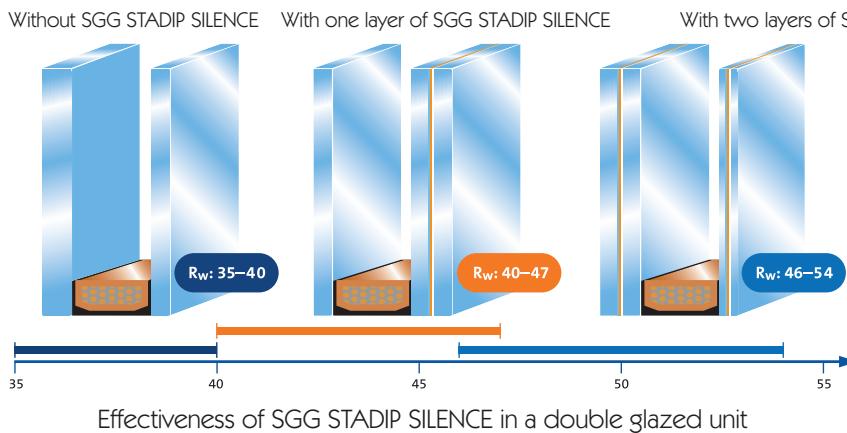
Where can acoustic glass be used?

Acoustic glass can be used in any application where there is a need to reduce noise pollution, both internally and externally.

How effective is SGG STADIP SILENCE?

The benefit gained by using SGG STADIP SILENCE will vary according to the glass configuration you use, its suitability to the location and noise source you are trying to reduce. However, simply changing your glazing from a standard double glazed unit 4-16-4 to 4-16-6.4 SGG STADIP SILENCE will reduce noise by as much as 25%.

Comparison



What are the benefits of acoustic glass?

SGG STADIP SILENCE not only provides optimum protection against intrusive noise but also has the added benefits of:

- Optimum optical quality.
- A thinner, lighter glass with the equivalent acoustic performance.
- All the safety and security benefits of standard laminated glass.
- Filters 99% UV light.
- Can be combined with many other high performance products providing greater flexibility and helping you realise your glazing requirements.

How do I know what thickness of glass to specify?

The thickness of glass that you need to specify will vary according to many factors, including, the application the glass is to be used in, the location and the performance rating you need to achieve. However for most domestic applications 6.4mm SGG STADIP SILENCE in a double glazed unit will provide sufficient acoustic protection.

R_w - the measuring unit for sound insulation

The measuring unit for the sound insulation behaviour of a building component is R_w. This value is merely an average simplifying mutual comparison of various building components. The ears sensitivity to sound volumes in relation to their frequency pitch can only be taken into account with the airborne sound insulation index R_w.

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