Milgard WINDOWS & DOORS™

Quiet Line™ Series Windows

1.800.MILGARD · milgard.com

Windows. A Great Place to Start

Whether it's the scream of a fire truck passing by, or the drone of a neighbor's barking dog, the overall comfort of your home is impacted.

As a manufacturer of windows, we can't keep all the sounds outside your home from getting in. But windows are the best way to greatly reduce sound without major structural changes to the home. That's because poor performing windows are usually the worst culprit when it comes to exterior noises making their way into your home.

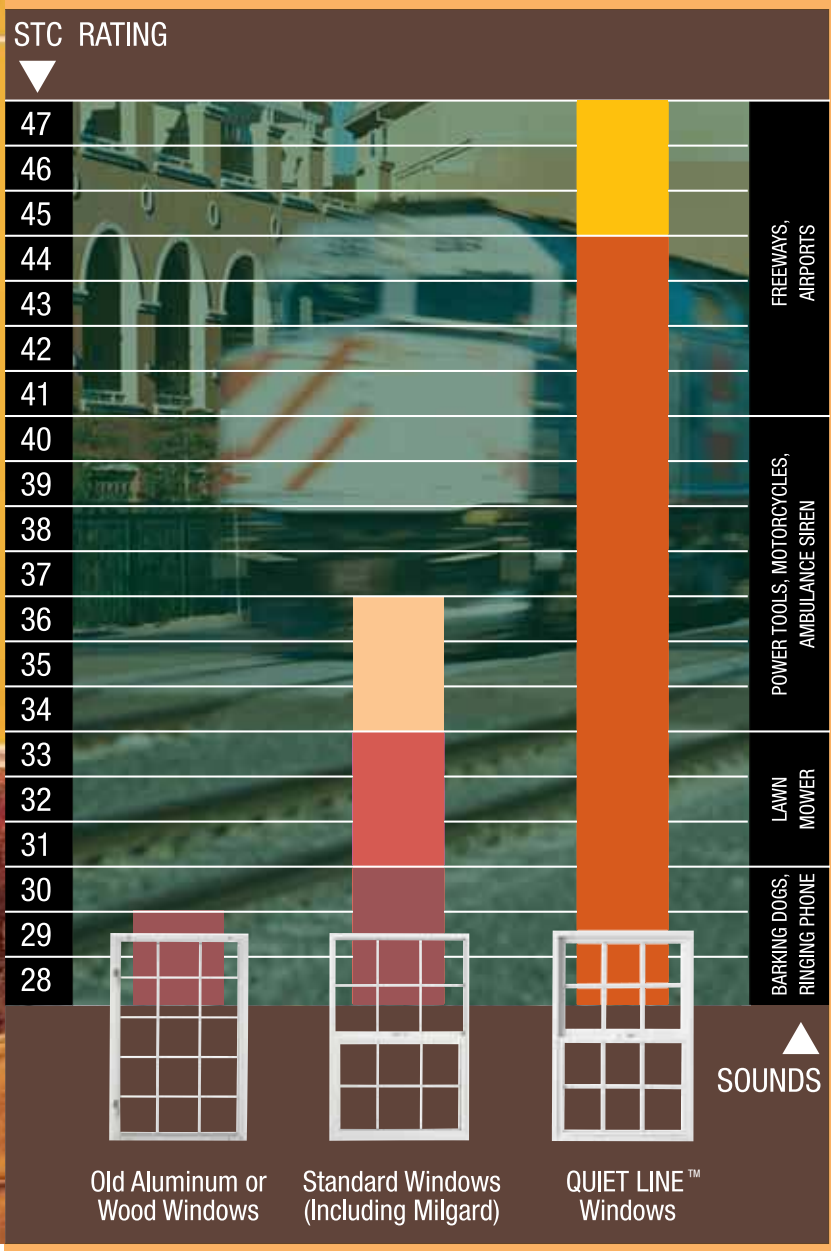
Simply put, sound originates from something making vibrations. These vibrations spread out in all directions - much like the ripples created when a stone is dropped in still water. Your ears register these air pressure changes as sound - the larger the wave, the louder the sound. The closer together the waves are, the higher the pitch of the sound.

Windows, doors, walls, fences and other structural elements of a home act as barriers to exterior sounds, by disrupting these 'waves' on their way to your ears.

Our Quiet Line™ Series windows begin with the same vinyl material and craftsmanship that has won Milgard the distinction of Builder Magazine's "Highest Quality Vinyl Windows in the Nation" seven times.

Add to this our advanced engineering and high performance glazing options and you have some of the highest sound control options available in residential windows.

QUICK REFERENCE GUIDE



Standard windows offer sound control up to an STC rating of 30. Old aluminum and wood windows are rated even lower.

Heavier glass and/or different glass thicknesses can be used in lieu of standard glass for a higher reduction of sound.

Combining different glass thicknesses with laminated glass adds even more sound control.

Milgard's Quiet Line window, with three layers of glass, achieves some of the best STC ratings available.

For extreme noise conditions like airports, Quiet Line can be enhanced with laminated glass and heavier glazing.

Note: STC windows may not be available in all operating styles. Please contact your Milgard Representative for information on product availability.

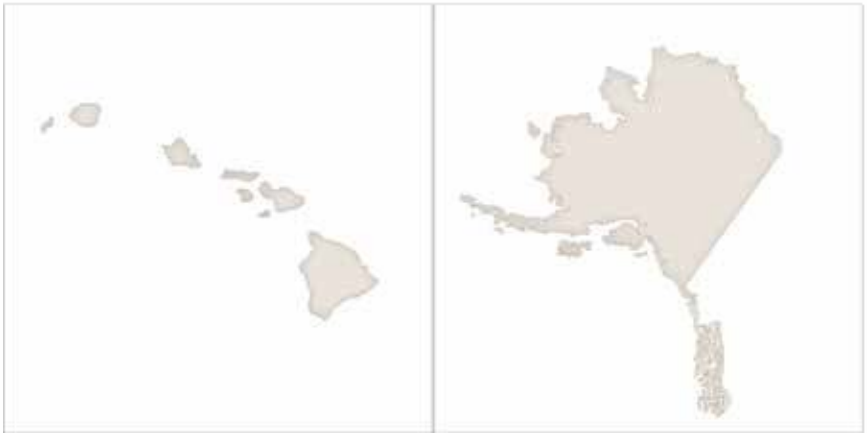
Close-up of the Milgard Quiet Line™ Series vinyl window

STC Ratings Explained

Sound Transmission Class (STC) measured in decibels, is an average value associated with a material's effectiveness in reducing sound. An STC rating is a quick reference number for the entire frequency band, and primarily measures interior noises at levels most common to human speech (500Hz-2,000Hz). The higher the value, the greater the reduction of sound.

Usually when sound control is the focus a specific STC requirement is the target. Using our STC rating chart, identify the noise sources you most frequently hear in hour home, then choose the type of window necessary to reduce those noise types. Consult a Milgard representative for more information on the window type best suited for your particular needs. It's that easy.

Milgard Windows & Doors is proud to serve the Western U.S. and Canada with over a dozen full-service facilities and customer care centers throughout the west.



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Clearly the best.™

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ENERGY STAR® is a registered trademark of the U.S. Department of Energy. Milgard Windows & Doors is proud to be an ENERGY STAR® partner, with all Essence Series products ENERGY STAR® qualified for all U.S. zones.

Milgard Essence wood windows meet criteria for structural integrity and reliable performance established by the American Architectural Manufacturers Association (AAMA). Consult your Milgard representative for specific test information.

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