

The 5 Things to Look for in Frames When Window Shopping

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When you shop for beautiful energy-efficient replacement windows, there are benefits that you can and should get for your investment. Ideal performance depends on the glass package you select. But superior glass alone cannot deliver all the efficiency you need for the best overall performance. It is also necessary to choose the best window frame materials type and quality for maximum overall performance. With the right frame options, you can get windows that do even more than save you a lot of money on energy bills and make your home much more comfortable.

What Should You Look for in Frames for New Windows?

Let's look at the things your new energy efficient window frames should actually do for you to help you know what to look for when you're shopping for new windows. The frames should help:

Along with sufficient glass thickness and caliber, the frame quality is the essential determinant of how effectively windows block air infiltration, external noise, and dust from polluting your home's interior living environment.

Quality Vinyl Frame Material

Today's most frequently sold windows in the United States are vinyl-framed windows, which account for over 70 percent of all windows sold in the country. That's because high-grade, construction-quality vinyl window framing has proven to be the most effective

material for energy efficiency and it offers the best value for the price. Exterior vinyl window frame material is also an effective contributor to noise absorption and dust resistance.

Wood, aluminum, and fiberglass don't perform as well as vinyl when all the criteria are taken as a whole to rate overall efficiency. Here are five key features to look for in window frames:

Frames with High Insulation Value

Double-pane windows have proven to be today's best value in replacement windows. They offer all the benefits of comfort and cost-savings benefits of top-quality energy-efficient windows. Together with the most energy efficient glass, high-quality vinyl-clad window frames (with insulative interior chambers and warm edge spacers) offer the highest performance in their product class.

Strong and Durable Frame Material

Energy Shield is the leading manufacturer of strong and highly durable windows designed to endure the harsh Arizona desert conditions for decades to come. We use only top-grade framing materials and frame-building processes for maximum strength in supporting our energy-efficient gas-filled double-pane glass. We also use it for its long-term durability to withstand the punishing desert conditions for many years to come.

Insulating Airspace Chambers Inside Frame

To support the high performance of windows built with double-glass panes filled with argon or other inert insulative gas, high-grade insulating window frames help to maximize the energy efficiency of the world's best windows built specifically for challenging climate regions like the U.S. southwest desert.

Dust and Sound Resistant Features

Of course, 100-percent soundproof and dustproof windows are nonexistent, but the best windows for controlling noise, dust, and interior air pollutants are those with multiple glass panes filled with argon or other inert insulating gas. The sealed glass panels serve as impressive sound insulators, helping provide a tranquil indoor environment even in noisy urban neighborhoods.

Warm Edge Spacers

Warm edge spacers in window frames offer more to the energy efficiency of the unit than merely separating the double panes of glass. Thermal spacers for double-glazed windows contribute significantly to the energy efficiency of windows, the comfort of the home, and the service life of the window unit. The warm edge spacers add an additional insulative layer to help protect against drafts and heat loss, high energy costs, and the long-term durability of your windows.

Best Insulating Windows With Professional Installation

Naturally, even the best window frames and glass options are only as good as the installation quality. When you buy windows, be sure that a reputable team of certified window installers will meticulously manage your project. High-quality window installation by a well-established company with highly skilled and experienced professionals is needed. They are the solution to ensuring that you can receive the very best performance possible from your new energy-efficient replacement windows for many years to come.

Why Choose Energy Shield Window & Door Company?

We are the southwest region's leading energy-efficient replacement window manufacturers. Our wide selection of beautiful custom replacement windows are engineered to withstand decades of harsh desert climate conditions, including high winds, powerful monsoon rains, blowing desert dust, and urban noise.

Energy Shield custom windows are an exceptional investment in the energy efficiency, comfort, security, curb appeal, noise control, dust mitigation, and resale value of your home.

For more details about the glass and framing features in our beautiful, energy-efficient windows, call Energy Shield Window & Door Company at (623) 562-9164 or here online.
