

Mark's Thoughts On Window Selections For Your New Home

Choosing the right windows for your new home is an important decision that can greatly impact both the aesthetic appeal and functionality of your space. With so many options available, it can be overwhelming to navigate through the different styles, energy ratings, and brands. That's why we're here to help! In this blog post, we'll walk you through the various window styles, energy ratings, and national as well as local brands to consider when selecting windows for your new home.

Window Styles:

1. **Single-Hung Windows:** These windows consist of two sashes, with only the bottom sash being operable. They are a popular choice due to their classic look and affordability.
2. **Double-Hung Windows:** Similar to single-hung windows, double-hung windows feature two operable sashes, allowing for better ventilation and easier cleaning. They are versatile and can complement various architectural styles.
3. **Casement Windows:** Casement windows are hinged on one side and open outward with the help of a crank mechanism. They provide excellent ventilation and unobstructed views, making them ideal for rooms with a scenic backdrop.
4. **Awning Windows:** Awning windows are hinged at the top and open outward, resembling an awning. They offer great ventilation while providing protection against rain when open. Awning windows are commonly used in basements and bathrooms.
5. **Slider Windows:** Slider windows have one fixed sash and another sash that slides horizontally. They are easy to operate and are a good choice for rooms with limited vertical space, such as hallways or kitchens.
6. **Picture Windows:** Picture windows are large and fixed, allowing for maximum natural light and unobstructed views of the outdoors. They are an excellent choice for rooms where the view is a priority. They come in all sizes.

Window Energy Ratings:

When selecting windows, it's important to consider their energy ratings. The energy efficiency of windows is measured using the U-factor, Solar Heat Gain Coefficient (SHGC), and Visible Transmittance (VT). Lower U-factor and SHGC values indicate better insulation and heat resistance, while higher VT values indicate more natural light transmission. It's crucial to strike a balance between energy efficiency and your specific needs.

Here at Meyer3D, we run a Solar Analysis for every home we design. We use this analysis to ensure that your oversized windows are positioned and sheltered to minimize Solar Heat Gain Coefficient (SHGC) for maximize energy efficiency, while still providing the commanding views that can make your home so very special.

Here are a few National Brand Window Manufacturers:

1. **Andersen Windows:** Andersen is a well-established brand known for its high-quality windows, offering a wide range of styles to suit different architectural designs. They have a

long history of innovation in window technology. Visit their website at [Andersen Windows](<https://www.andersenwindows.com/>) to explore their offerings.

2. Pella Windows: Pella is another reputable manufacturer known for its energy-efficient windows. They offer a variety of styles, including custom options, and have been in the industry for over 90 years. Check out their website at [Pella Windows](<https://www.pella.com/>) for more information.

3. Marvin Windows and Doors: Marvin is a family-owned company known for its craftsmanship and attention to detail. They offer a wide range of window styles, including customizable options, and have a rich history dating back to 1912. Learn more about Marvin Windows and Doors at [Marvin Windows and Doors](<https://www.marvin.com/>).

Here are a few Windows Manufactured in and around Oklahoma:

1. Thermal Windows: Based in Tulsa, Oklahoma, Thermal Windows specializes in energy-efficient vinyl windows. They offer a range of styles and sizes, including customizable options. Explore their offerings at [Thermal Windows](<https://www.thermalwindows.com/>).

2. Wincore Windows: Wincore Windows, located in Park Hill, Oklahoma, manufactures vinyl windows known for their durability and energy efficiency. They offer various styles and customization options. Visit [Wincore Windows](<https://www.wincorewindows.com/>) for more details.

3. Central Window Company: Central Window Company, based in Oklahoma City, has been manufacturing aluminum and vinyl windows for over 35 years. They offer a range of styles and sizes to meet different needs. Learn more about Central Window Company at [Central Window Company](<https://www.centralwindow.com/>).

Choosing the right windows for your new home is an exciting and important step in the design process. By considering the different window styles, energy ratings, and reputable brands, you can ensure that your windows not only enhance the aesthetics of your home but also provide energy efficiency and durability. Take your time exploring the various options, and don't hesitate to consult with window professionals to make an informed decision that suits your needs, budget, and preferences.

Remember, windows are not just functional elements; they can also be design features that add character and charm to your home. Enjoy the process of selecting windows and envisioning the beauty they will bring to your new space!

That's it for our guide to window selections for your new home. We hope you found it helpful and informative. If you have any further questions or would like assistance with your window selection, feel free to reach out to us at Meyer3D.

Happy window shopping!