

# RENAISSANCE™

Series



*The Biggest Innovation in Windows Since Wood.*



# Beauty and Elegance without the Maintenance.

The dawn of a new era in windows has arrived, and it's guaranteed to change the way you think about windows in your home. With the new Renaissance™ Series windows from AMSCO®, you can now have elegant beauty and energy efficiency in your home without the maintenance that comes with wood.

## Renaissance Composite

Made with a composite material, Renaissance Series windows are more than just an attractive addition to the interior and exterior of your home. They are designed and

constructed to withstand even the harshest conditions, season after season. Just look at everything this revolutionary material has to offer:

- Can be shaped to various shapes and sizes
- Will not absorb moisture
- Acts as an excellent insulator
- Offers superior dimensional stability
- Maintains stability even in high-heat environments
- Can be easily recycled



When you see the AMSCO Renaissance Series name, you know that it has surpassed the following industry-standard tests:

- Heat Resistance
- Weatherability
- Air Infiltration
- Water Resistance
- Dimensional Stability
- Impact Resistance
- Weight Tolerance
- Tensile Strength
- Corner Strength



# Quality Construction. Superior Aesthetic Design.

## Frame Size

Solid 4 9/16 inch frame provides strength and durability. (Extension for 6 9/16 inch jamb available.)

## Interior Color and Wood Veneer Options

The smooth finish of the interior comes in White, Almond and Taupe. And if you prefer the look of wood, a pine veneer is also available that can easily be stained or painted to meet your décor needs.

## Hardware

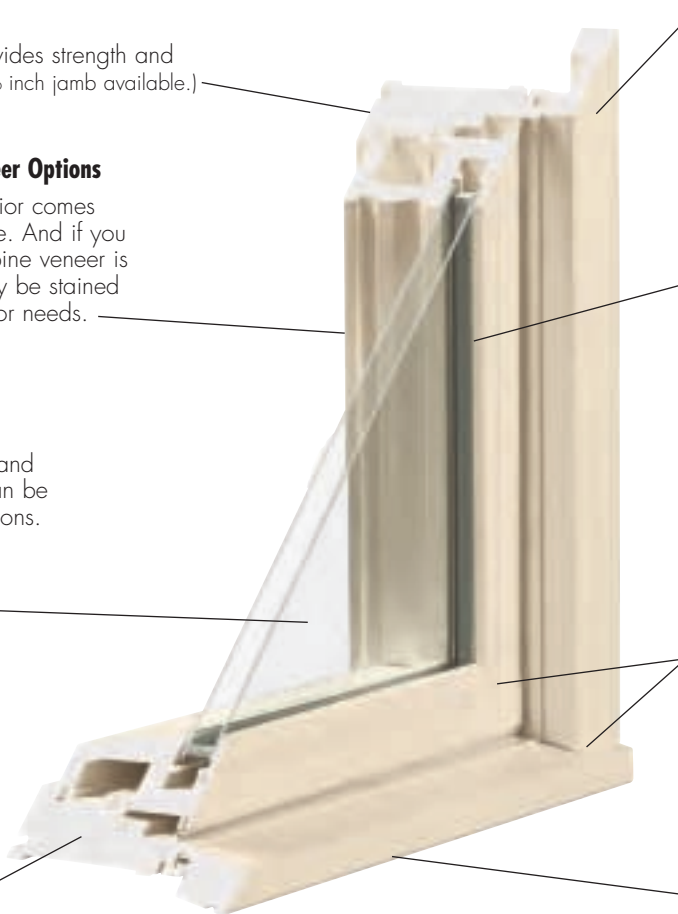
Color matching hardware is used for our interior finishes and complementary hardware can be selected for pine interior options.

## The Best in Glass Options

From mild climates to demanding weather conditions, we have glass options to meet your needs. Clear, Low-E, tinted Low-E and EZ Clean glass are just a few of the options available to best meet your needs.

## Resin Composite

The composite material used in Renaissance windows is a blend of thermoplastic resins that have been blended, heated, pressurized and melted through a main extruder to provide a material that looks as good as wood without the maintenance, all encapsulated with our Supercap® technology.



## Supercap Finish

Encapsulated with an acrylic-based capstock, the composite material takes on a durable, finely painted millwork finish that won't peel, fade or warp, resists scratching and can be easily cleaned with just soap and water.

## Warm Edge Intercept® Spacer

Optimal 7/8 inch spacer provides energy efficiency.

## Muntins/Grids

Choose from several muntin/grid styles and patterns to customize the look of your home, using 5/8 inch flat grids, 1 inch sculptured or exterior and interior surface applied simulated divided lite grids.

## Wood Joinery Techniques

Wood joinery techniques can be found in all Renaissance Series windows, providing attractive tongue and groove frame corners and mortise and tenon sash corners for superior structural strength.

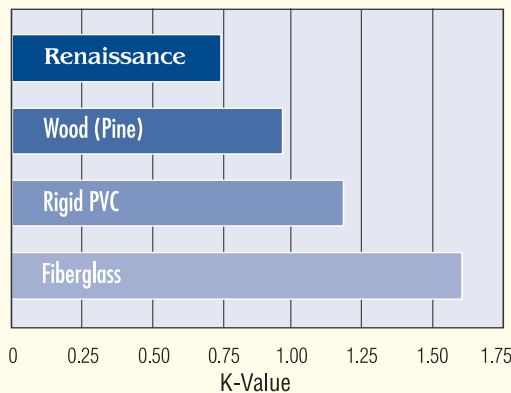
## Custom Sizing

All Renaissance Series windows can be custom sized to the nearest 1/8 inch increment to fit any architectural style and meet your customized window replacement needs.

## The Ultimate in Energy-Efficiency and High-Technology Glass.

### Superior Thermal Performance of the Composite Frame

Much of the heat a home loses can be through the frame of the windows, not just the glass. Renaissance composite windows, made of a solid composite material, perform even better than the already efficient vinyl and wood windows when it comes to K-Values, or the amount of heat going in and out of a home through the frame. The lower the K-Value, the less heat goes in and out, and the Renaissance composite outperforms the other more commonly used frame materials, making your home even more energy efficient.



\*Source: Mikron Industries, NFRC and independent lab data

### Intercept Warm Edge Spacer

Intercept warm edge technology uses state-of-the-art materials to eliminate contact between inside and outside window components. This advanced insulation technique increases overall thermal efficiency and decreases condensation.

### Safety Glass Capability

Because we're one of the few manufacturers with our own on-site tempering furnace, we can maintain our own high quality control standards for our safety glass, as well as avoid unnecessary delays. It all adds up to better safety glass, quicker delivery and higher customer satisfaction.

## When it Comes to Custom Styles and Sizes, the Only Limit is Your Imagination.

All Renaissance Series windows are available in standard as well as custom sizes to the nearest 1/8 inch increment.



Double-Hung

- Block and tackle balances
- Neutral or matching jamb liners
- Sloped sill
- Traditional wide rail look in bottom sash
- Recessed finger pulls in sash
- Recessed tilt latches
- Tilt sash for ease of cleaning



Casement

- Centered sash for ease of cleaning (excludes egress hardware)
- Unison lock with concealed hardware
- Matched or neutral color hardware
- Standard fixed and optional folding handle



Horizontal Slider

- Appealing aesthetics with equal sight lines
- Recessed finger pull hardware
- Cam action lock
- Heavy duty, quiet brass roller



Awning

- Scissor-style hardware for smooth operation
- Two locks with concealed hardware
- Standard fixed and optional folding handle



Picture/  
Fixed Window

- Sash and Frame
  - Superior aesthetics than direct set look
  - Matching sight lines align with vent units
- Direct Set
  - Lower cost than sash and frame
  - Allows for maximum glass viewing area



Specialty Shapes

- Direct set – economically priced
  - Round top, Arch top, Octagon, Full circle, Half circle, Quarter circle, Quarter angle, Trapezoid, Quarter rectangular, Eyebrow rectangular

## Color and Wood Veneer Options

Our exclusive Supercap system allows us to provide color options far superior than paint. This co-extruded process provides excellent resistance to scratching and peeling, and a solar reflective additive aids in preventing fading and chalking over time. Renaissance Series windows are available in White, Almond or Taupe. Plus, we offer a beautiful pine wood veneer that can be easily stained or painted to match the interior of your home.



White



Almond



Taupe



Pine Wood

## Renaissance Series Grids

The Renaissance Series gives you a multitude of grid options. The grids are available in 5/8 inch flat, 1 inch sculptured and 7/8 inch or 1 1/8 inch simulated divided lite grids.



5/8 inch flat are placed between the glass



1 inch sculptured are placed between the glass



7/8 inch simulated divided lites are applied to exterior and interior of the glass



1 1/8 inch simulated divided lites are applied to exterior and interior of the glass

## Certified Quality

In addition to our own stringent quality control standards, AMSCO is a proud member of the National Fenestration Rating Council, the American Architectural Manufacturers Association and has earned the right to carry the ENERGY STAR label, a program sponsored by the Department of Energy. These organizations set the standards for the entire window and door industry. And every AMSCO product meets or exceeds their standards for a host of critical quality standards, assuring you life-long, satisfying performance.



Proud Member and Manufacturer of Certified Products

Everything You Want in a Wood Window,  
Except the Wood.



| Renaissance    | Glass Type         | U-Value* | SHGC** | Structural Rating |
|----------------|--------------------|----------|--------|-------------------|
| Double Hung    | Clear/Clear        | 0.46     | 0.57   | LC-25/35          |
|                | Low-E/Clear        | 0.34     | 0.30   |                   |
|                | Tinted Low-E/Clear | 0.34     | 0.19   |                   |
| Casement       | Clear/Clear        | 0.43     | 0.56   | C-35/40           |
|                | Low-E/Clear        | 0.32     | 0.30   |                   |
|                | Tinted Low-E/Clear | 0.32     | 0.19   |                   |
| Picture Window | Clear/Clear        | 0.45     | 0.59   | LC-25             |
|                | Low-E/Clear        | 0.33     | 0.32   |                   |
|                | Tinted Low-E/Clear | 0.33     | 0.20   |                   |
| Awning         | Clear/Clear        | 0.44     | 0.61   | C-30              |
|                | Low-E/Clear        | 0.32     | 0.33   |                   |
|                | Tinted Low-E/Clear | 0.32     | 0.20   |                   |
| Slider         | Clear/Clear        | 0.47     | 0.58   | R-15/LC-25        |
|                | Low-E/Clear        | 0.35     | 0.31   |                   |
|                | Tinted Low-E/Clear | 0.35     | 0.19   |                   |

\* U-factor represents the amount of heat transfer as measured in accordance with NFRC 100-2001.

\*\* Solar heat gain coefficient (SHGC) measures the amount of solar radiation entering the building. As measured per NFRC 200 with the Window 4.1 and Frame 4.1 modeling programs. Low-E glass used is Cardinal LoE<sup>2</sup>-172 and the tinted Low-E is Cardinal LoE<sup>2</sup>-140.

*Say goodbye to warping, peeling and rotting and usher in a whole new age of elegance and efficiency into your home. Visit your authorized AMSCO dealer and ask about new Renaissance Series composite windows today.*

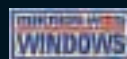
**Make Your Home  
a Masterpiece.™**



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Call **1-888-82-AMSCO** or visit  
[www.amscowindows.com](http://www.amscowindows.com)

Your Authorized AMSCO Windows Dealer:



MikronWood™ is a proprietary composite of thermoplastic alloys produced by Mikron Industries for AMSCO for use in the Renaissance product line.