

State-of-the-Art Technology.

Quality Craftsmanship.

Responsive Service.

*These principles have been
the foundation of AMSCO Windows
for more than fifty years.*



S E R I E S
HERITAGE





MANUFACTURED
TO EXACTING
SPECIFICATIONS



AMSCO utilizes the most advanced engineering and production systems available. Each vinyl window is manufactured to exacting specifications by skilled craftsmen who take pride in their work and their state-of-the-art facility.



Energy-Efficient, High-Technology Glass

Optional Low-E Glass

Low-E coated glass is an important component of all AMSCO windows and doors. Low-E coated glass limits radiant heat flow between window panes by reflecting heat into your home during cold weather, and back to the outdoors during warm weather. Low-E glass enables our windows and doors to be ENERGY STAR® labeled.



Low-E glass reflects the heat back in during the cold winter months.



Low-E glass reflects the heat out during the hot summer months.

Tempered Safety Glass

Our high-tech tempering furnace provides quality, tempered glass on time without relying on outside suppliers.



Warm Edge Technology

Intercept® warm edge technology from PPG 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.



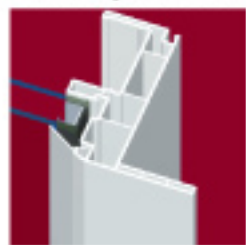
AMSCO Heritage Series

BEVELED FRAME
The beveled frame adds beauty with its classic lines.

INTERLOCKING PANELS
Interlocking panels and high-performance weatherstripping for enhanced protection from wind and water.

REINFORCED MEETING RAIL
Metal reinforced meeting rail provides added strength.

OPTIONAL FLUSH FIN
For easy installation, an optional flush fin is available on the single-hung, horizontal slider and picture window.



INTEGRAL NAIL FIN
A standard integral nail fin with 1-3/8" setback.

ACCESSORY GROOVE
Allows for easy mulling of windows.

FRAME DEPTH
3-3/8" frame depth provides for a heavier, stronger vinyl window.

HOLLOW CHAMBERS
Multiple hollow chambers enhance insulation and strength.

FUSION-WELDED
Fusion-welded, mitered corners add structural strength and improve protection against air leakage.

INSULATED GLASS
3/4" (optional 1" available) insulating unit with warm-edge PPG Intercept Spacer for enhanced resistance to heat transfer and sweating.

ADJUSTABLE NYLON ROLLERS
Available on the horizontal slider, adjustable tandem nylon rollers for easy operation.

TRANSITION BAR
All transitional windows come with a heavy aluminum reinforcement bar.



Style Lock: A Lock That's Redefining What a Window Should Be.



Locked/Unlocked Indicator
Handle assembly includes easy-to-see visual locked/unlocked indicator.

Handle Made From Minlon®*
Minlon®—a space-age plastic made of a nylon and mineral alloy—holds its shape, color and strength through extremes of time, temperature and everyday use.

Prevents Accidental Locking
Built-in safety switch prevents accidental locking when the window is open.

Low-Profile Design
Offers a functionally beautiful appearance.

Tamper Resistant
The locking mechanism is fully encased within the window sash to help prevent forced entry.

Finishes for Every Décor
Standard finish matches white or almond interiors. Metal finish options are also available.

Handle with Built-In "Hollow"
Makes grasping to open and close easier.

No Screws or Fasteners
There are no unsightly screws or fasteners to disturb the elegant appearance of your window.



Designed for the Mountain / Southwest Climates

Our windows are specifically designed to handle the desert sun and more intense high altitude mountain UV radiation. Vinyl formulation, thick vinyl walls and added hollow chambers for overall strength along with premium vinyl, make our windows the best choice for dependability and durability.

Not All Vinyl is Made the Same

Western climates, arid deserts and high altitude where the sun can be more intense, it is reassuring to know that our vinyl is formulated specifically to meet the intense demands of our region. Discoloration can occur in lesser quality vinyl, or with formulas designed for the East Coast, and may cause a color shift from a crisp white to a dingy yellow. AMSCO Windows uses color-stabilized vinyl to prevent discoloration and keep windows looking new. They are made with the highest quality vinyl in the industry that is tested and proven to stand up over time in our tough climate.



Actual photo of yellowing of lesser quality vinyl windows.

A LEGACY OF INNOVATION AND DESIGN



Other Vinyl:
Too much
light coming
through



AMSCO Vinyl:
Less light
penetration

AMSCO Vinyl Advantages

Our exclusive, patented PVC formula is scientifically formulated to provide superior durability and performance in our Mountain and Southwest climates.

- We use only the best quality ingredients blended together for optimal superior strength and weathering.
- Adding just the precise amount of Calcium Carbonate and Titanium Dioxide to our patented formulation, provides advanced color retention, weatherability and stiffness to our windows and doors.
- When exposed to identical conditions of light intensity, some competing vinyls allow more light to pass through than our vinyl frame of identical wall thickness. More light means ultraviolet rays can attack the polymer bond, resulting in less protection against deformation.



Real-Life Desert Tested

Testing under real desert conditions is the only way to be sure. A special test house built in the Arizona desert is used to conduct long-term real-life field tests on our vinyl windows. This test house features a southern exposure on the outside and air conditioning inside to replicate a home environment in the most extreme conditions of the desert. This real-life independent desert testing environment leaves no doubt about the durability of our windows.



Heat
Absorption
Test



Tested Tough Against Heat

We subject our vinyl to tests beyond what the industry requires to ensure it will survive the elements. Tests such as:

- Heat Absorption Test—Exposes vinyl to infrared radiation to determine how much radiant heat it can absorb and still remain stable.
- Deflection Temperature Test—Determines the temperature at which a profile of specific dimension will bend under a specific load.

Deflection
Temperature
Test



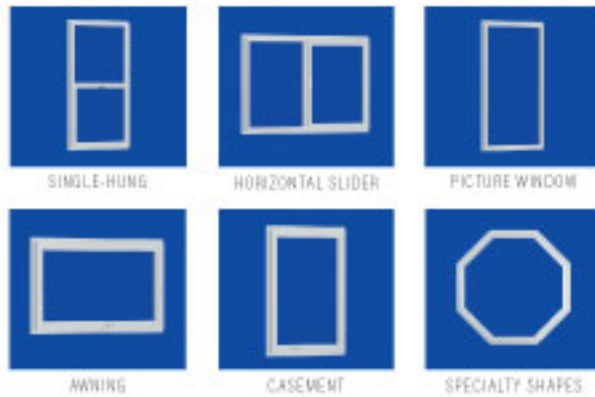
At AMSCO, a window is more than just the sum of its parts. It's also the culmination of more than fifty years' experience manufacturing state-of-the-art products. Each window bears a legacy of innovation and design—a union of form and function that's easy to use, durable, energy efficient and beautiful for life.

BACKED BY OUR LIFETIME WARRANTY

Simply put, we back our windows with a warranty that gives you peace of mind. Our Lifetime Warranty covers any defects in materials or workmanship in our vinyl windows and doors for as long as you own your home. Furthermore, if you sell your home, the warranty is transferable for five years. See your dealer or visit us online at www.amscowindows.com for complete warranty details.

AMSCO Vinyl Heritage Series

AMSCO vinyl Heritage Series is available in Single-Hung, Horizontal Slider, Picture Window, Awning, Casement and Specialty Shapes.



Sliding Patio Door



The AMSCO Vinyl Sliding Patio Door features:

- Adjustable tandem steel rollers for easy operation.
- Large, easy-to-operate locking handle.
- Fully welded frame and sash.
- Transoms and sidelites available.
- Custom sizes available upon request.

Certified Quality

AMSCO vinyl windows are certified by AAMA and NFRC, and when combined with Low-E glass they meet ENERGY STAR® guidelines. AMSCO is a proud member of the NFRC and AAMA.



Optional Grid Styles

AMSCO Heritage Series windows offer two grid styles to choose from: 1 inch sculptured and 5/8 inch flat. All grids are metal and sealed in the glass for easy cleaning. Sculptured grid available in white, almond and taupe; flat available in white, almond, taupe and bronze with a white interior.



Grid Details

Style: 5/8" Flat		Grid Placement: Between the glass	Available: Heritage, Legacy, Traditional
Style: 1" Sculptured		Grid Placement: Between the glass	Available: Heritage, Legacy

Patterns (examples shown: single-hung window)

Pattern: Regular		Pattern: Perimeter	
Pattern: Border		Pattern: Craftsman	

Color Choices

Heritage Series windows interior and exterior colors: white, almond and taupe.



Heritage Series windows optional colors: bronze exterior and white interior.



Performance Data

PRODUCT	GLASS TYPE	U-VALUE	SHGC	STRUCTURAL
HORIZONTAL SLIDER	CLEAR / CLEAR	0.50	0.61	LC-25
	LDW-E / CLEAR	0.35	0.33	
SINGLE-HUNG	CLEAR / CLEAR	0.50	0.61	LC-30
	LDW-E / CLEAR	0.35	0.33	
PICTURE WINDOW	CLEAR / CLEAR	0.49	0.68	HC-40
	LDW-E / CLEAR	0.32	0.37	
CASEMENT	CLEAR / CLEAR	0.44	0.50	LC-25
	LDW-E / CLEAR	0.33	0.28	
AWNING	CLEAR / CLEAR	0.44	0.50	LC-25
	LDW-E / CLEAR	0.33	0.28	
SLIDING PATIO DOOR	CLEAR / CLEAR	0.50	0.64	LC-30
	LDW-E / CLEAR	0.35	0.35	

*Based on DS Glass glazing option. Other glazing options may change numbers.

*U-factor represents the amount of heat transfer as measured in accordance with NFRC 100-97, calculations use total window unit, and assumes 3/4" glazing with a 1/2" airspace.

*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 Solar Ban 60™, a trademark of PPG.

Make Your Home
a Masterpiece.™



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