



WINCO PROJECT PROFILE

VOLUME 4, 2012

Historic Window Replication Projects Preserve Building Assets, Improve Performance



BEFORE



Winco 3250 Series Steel Replica Aluminum Windows satisfy the aesthetic considerations of preserving the architectural integrity of traditional buildings, as well as meeting today's practical needs to save energy and protect customer investments.

Yale and Towne Lofts, Stamford, CT

Historic six-story factory building was once home of the Yale Lock Company. Today it boasts 225 rental homes where Yale padlocks were manufactured for over a century.

- 550 windows: approx. 143" x 114" openings
- Finish: 70% Kynar Hartford Green paint
- Center project-out awning and false vent with simulated divided lites and trapezoidal grid
- Glass system: Clear PPG Solarban 60 #2 with black spacer; and 5/8" green in-between glass mutins
- Window U-value .375 BTU/h-ft. ^2-F



AFTER



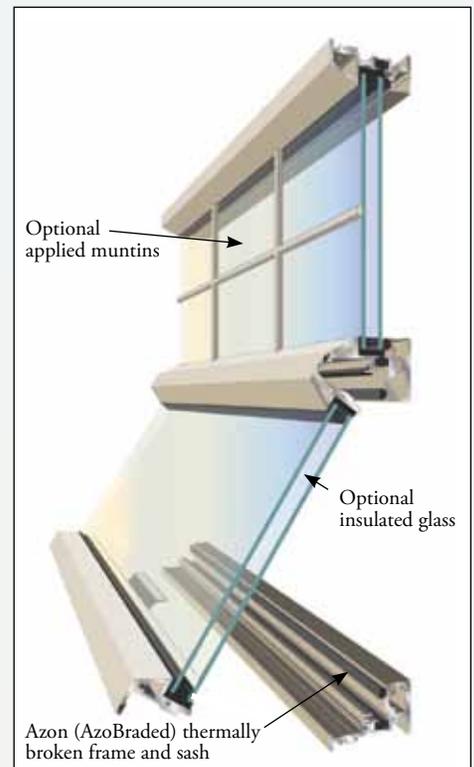
St. Louis Antique Lighting Company Building, University City, MO

Winco replicated the original steel windows of the headquarters building of this internationally renowned renovator and replicator of historic lighting fixtures with current lamp technology and lighting standards.

- 100 windows: approx. 150 x 92" openings
- Glass system: clear PPG Sungate 500 #3
- Finish: 50% Kynar Burnt Sun paint
- Center project-out awning with exterior trapezoidal grid
- Window U-value =0.421 BTU/Hr-Ft^2-F



Designed for Performance



P.W. Shoe Lofts, St. Louis, MO

A six-story brick loft apartment conversion with large glass openings was once home of historic shoe manufacturing company, P.W. Shoe.

- 260 windows: approx. 72” x 102” openings
- Finish: 315 Black anodized aluminum
- Suspended project-out awning with exterior trapezoidal grid
- Glass system: Clear PPG Sungate 500 #3
- Window U-Value of 0.347 BTU/Ft²*F*Hr

Additional Winco 3250 Features

Aesthetic details include exterior-applied aluminum muntins that emulate the original window’s true divided lites with sloped putty glazing, for historical accuracy

Pour-and-deridge Azobraid thermal break system assures minimal heat loss through the aluminum frame

Improved acoustical performance through insulated glazing system and thermally broken sash and frame.



Visual accuracy with superior thermal performance.

All Winco Steel Replica Windows shown in this 3250 Project Profile were furnished with simulated divided lite (SDL) sash. SDL offers a convincing substitute for the buildings’ original true divided lite windows. SDL windows use spacers between the panes of the insulated (IG) unit, aligned with three-dimensional muntin/ grids on the interior and exterior glass surfaces. It is a sash that has met local and national historic preservation visual standards for thermally improved high-performance aluminum windows. And SDL means better energy performance at less cost than multi-pane true divided lite windows.



“What Cheer” Parking Garage, Rhode Island School of Design, Providence, RI

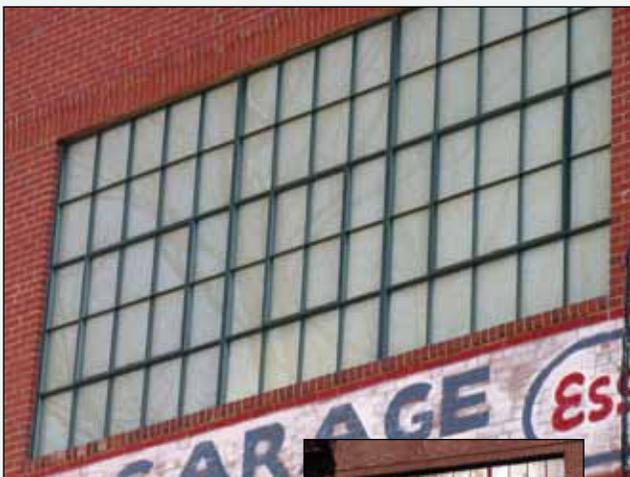
Winco steel replica windows combine the strength of durable aluminum profiles with the narrow sightlines that have met local and National Park Service standards for architectural replication of original steel.

- 89 windows: approx. 162” x 102” openings
- Finish: 70% Kynar Hartford Green paint
- Suspended project-out awning with exterior sloped “washed” exterior grid
- Glass system: clear with Obscure White laminate

**Performance Data
Projected AW Grade AP-AW80**

Air	<.10cfm/ft @ .624psf
Water.....	noleakage@12#
Structural.....	+/- 120psf
CRF	52*
U-Value	33*
STC.....	From 32 to 40
Casement AW Grade C-AW80	
Air	<.10cfm/ft @ .624psf
Water.....	no leakage @ 12#
Structural.....	+/- 120psf
CRF	52*
U-Value	33*
STC.....	From 32 to 40

*U-Value, CRF and AW ratings are based on a particular type of glazing and window configuration being used. Performance may vary when different glazing types and sizes are used.



AFTER



BEFORE



Winco Window Company

6200 Maple Ave., St. Louis, MO 63130
 • 800-525-8089 • FAX: 314-725-1419
www.wincowindow.com