

High-Performance Window Systems

for Historic Structures

*A balanced approach to energy performance
and architectural integrity*



Custom-built sash systems integrating modern
glazing technology within historically appropriate profiles.

A Balanced Approach to Performance and Preservation



THE CHALLENGE:

Traditional restoration improves function but offers limited thermal performance.

Modern replacement systems often fail to maintain the proportions, profiles, and character of historic structures.



THE APPROACH:

Our approach integrates high-performance vacuum insulated glass into custom-built wood sash systems designed to match the original architectural intent.

This allows for significant gains in thermal efficiency while maintaining compatibility with the building's historic fabric.



PERFORMANCE & FEATURES:

- Vacuum insulated glass (approx. R17 and higher)
- UV filtration (99%+ reduction)
- Insulated weight pockets
- Custom sash thickness (1 1/2"–1 5/8") to accommodate glazing
- Historically appropriate profiles and sightlines to preserve the historic nature of the window units



PROJECT APPLICATION:

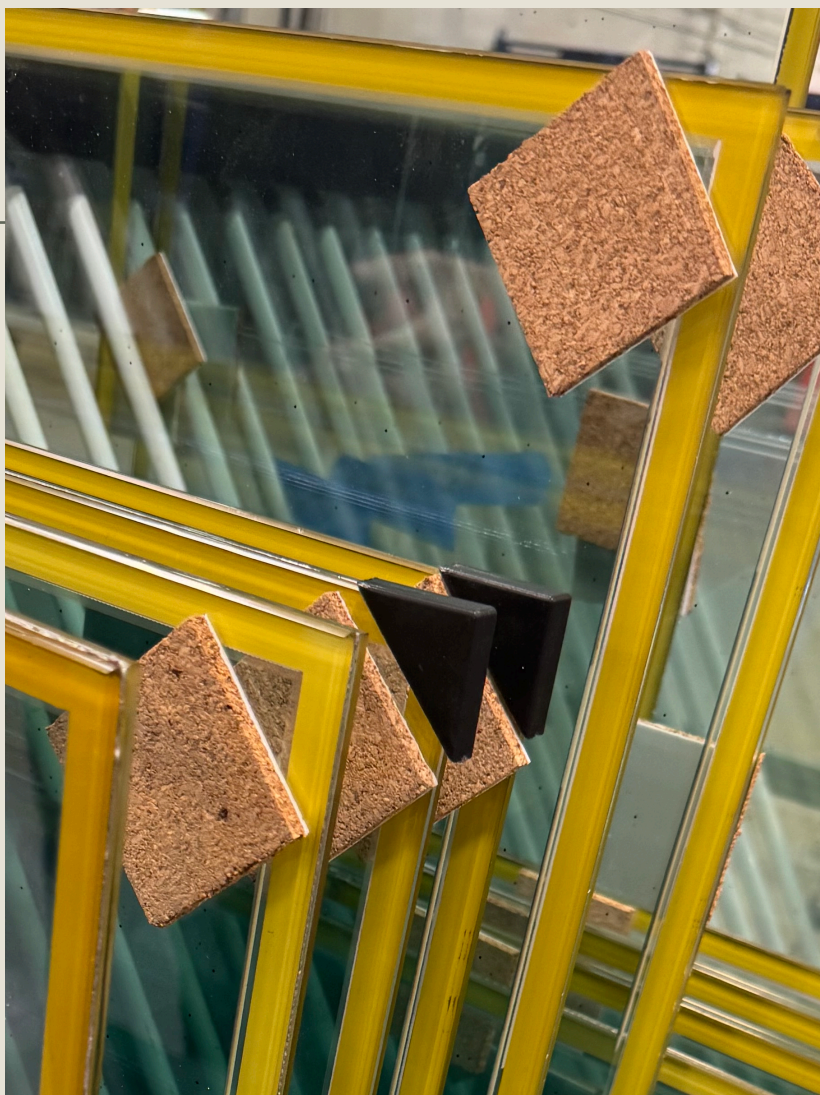
This approach is best suited for projects where both performance and architectural continuity are priorities.

Each application is evaluated individually to determine the appropriate balance between preservation and upgrade.

INSTALLATION:

Existing window openings and structural elements are evaluated and restored as needed.

New sash systems are fabricated and installed to integrate with the existing structure, ensuring long-term durability and performance.



*“Preserving the past
while building for the future.”*

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