

SERIES 590X STEEL REPLICA WINDOW



One of the historic replica market's most persistent challenges is trading occupant comfort for slim sightlines. Most companies focus solely on minimizing sightlines to the point building occupants are left sitting next to a beautiful but ultimately inferior window with limited usability and insufficient performance for long-term use.

EFCO's 590X steel replica solves this challenge through balancing occupant comfort with minimal sightlines desired by the architectural and historic preservation communities. Alongside the 590X stands EFCO's 65+ years of window manufacturing experience. We've learned a thing or two through the years and can provide a full product offering, including extensive window accessories developed specifically for the historic market. Additional services available are: pre-sale design and engineering support, installation training, energy analysis of the building envelope and a technically superior sales force you can consult with to find solutions for the most challenging applications.

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| <p>AAMA RATING (A440)</p> <p>FX: AW100 PO: AW80</p>  | <p>STRUCTURAL LOAD (ASTM E330)</p> <p>FX: +/- 150 PSF PO: +/- 120 PSF</p>  |
| <p>AIR INFILTRATION (ASTM E283)</p> <p>FX: < 0.10 CFM/FT² PO: < 0.10 CFM/FT²</p>  | <p>WATER RESISTANCE (ASTM E547, E331, & AAMA 501.1)</p> <p>FX: 15 PSF PO: 15 PSF *STATIC & DYNAMIC</p>  |
| <p>U-FACTOR* (ANSI/NFRC 100/200)</p> <p>FX: 0.18 - 0.52 PO: 0.30 - 0.62</p>  | <p>CRF (AAMA 1503)</p> <p>FX: 71 PO: 63</p>  |
| <p>STC* (ASTM E90 & E413)</p> <p>FX: 30 PO: 29</p>  | <p>OITC* (ASTM E90 & E413)</p> <p>FX: 25 PO: 23</p>  |
| <p>FORCED ENTRY (ASTM F588 OR F842)</p> <p>TYPE B: GRADE 40</p>  | <p>ACCESSIBILITY (AAMA 513)</p> <p>PO & CASEMENT OUT (15 PSF STATIC WATER ONLY)</p>  |



STANDARD FEATURES

- System depth: 3-1/4"
- Dry-glazed with heel bead: Can remove glass from building interior
- Integral water management: Any water penetrating past weather-stripping is redirected to building exterior
- Up to 1 - 3/8" glass thickness: Quieter interior environment
- Customizable perimeter and intermediate grid: Economic grid customization to match existing sightlines
- Tested to AAMA 513: Easier window operation for the elderly and disabled

* Performance dependent on glass selection. Please contact your EFCO sales rep for project specific performance.