

SERIES 810-I, 810G THERMAL











3-1/2" ARCHITECTURAL GRADE PROJECTED WINDOW



Configurations

Project-In • Project-Out • Casement • Fixed • Vertical and Horizontal Pivot

Series 810-I and 810G retain AAMA Architectural Grade ratings to meet the most demanding specifications. Designed for educational, office or healthcare facilities, the 810-I and 810G window system are an attractive product for a wide range of applications. Multiple glazing options provide flexibility to meet specific design requirements. E-Strut™ thermal isolators provide outstanding thermal performance and allows dual finish capability. Offered with a complete line of sub frames, mullions and architectural sills, the 810-I and 810G windows provide the complete solution for your fenestration needs.

AAMA RATING (A440)  <p>FIXED: AW-PG150-C PO: AW-PG120-C CASEMENT OUT: AW-PG120-AP</p>	STRUCTURAL LOAD (ASTM E330)  <p>FIXED: 225.56 PSF PO: 180.45 PSF CASEMENT OUT: 180.5 PSF</p>
AIR INFILTRATION (ASTM E283)  <p>FIXED: <0.10 CFM/SF PO: <0.10 CFM/SF CASEMENT OUT: <0.10 CFM/SF</p>	WATER RESISTANCE (ASTM E547 & E331)  <p>FIXED: 15 PSF PO: 15 PSF CASEMENT OUT: 15 PSF</p>
U-FACTOR* (ANSI/NFRC 100/200)  <p>FIXED: 0.28 - 0.58 PO: 0.47 - 0.69</p>	CRF (AAMA 1503)  <p>FIXED: 65 PO: 63</p>
STC* (ASTM E90 & E413)  <p>FIXED: 31 - 37 CASEMENT OUT: 34 - 36</p>	OITC* (ASTM E90 & E413)  <p>FIXED: 25 - 31 CASEMENT OUT: 28 - 30</p>
FORCED ENTRY (ASTM F588 OR F842)  <p>FIXED: TYPE: B - GRADE: 40 PO: TYPE: B - GRADE: 40 CASEMENT OUT: TYPE: B - GRADE: 40</p>	ACCESSIBILITY (AAMA 513)  <p>N/A</p>



STANDARD FEATURES

- E-Strut thermal isolator
- Vertical or horizontal stacking members
- Dual glazing with optional integral blinds
- Pressure equalization
- Wide variety of locking and operating hardware available
- Accessory line of subframes, mullions, and architectural sills
- Anodized or painted finishes available
- Accommodates glazing units from 3/16" to 3" depth
- Screen frames of extruded aluminum alloy are available
- 810G available with snap in grid

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