

6800 SERIES DATA SHEET

TYPE	AAMA RATING & TEST SIZE	AIR (cfm/ft ²) at 50 mph	WATER (psf)	DESIGN PRESSURE (psf)	STRUCTURAL OVERLOAD (psf)	U-VALUE (BTU/hr/ft ² /°F) ¹	CRF	STC	OITC
CASEMENT	AW-PG95 42 x 66	0.01	15	95.24	142.86	0.40 – 0.55	60	35 - 45	22 - 37
FIXED	AW-PG90 60 x 99	0.01	15	90	135	0.40 – 0.58	60	29 - 47	22 - 37
FIXED over AWNING	AW-PG100 60 x 99	0.01	12	100.25	150.38	0.52 – 0.63	55	29 - 47	22 - 37
FIXED over HOPPER	AW-PG100 60 x 96		15						

NOTE: The air infiltration and water resistance performance values provided above were achieved in a controlled lab environment. Performance of our products in the field will vary depending on product configurations, installation methods, and ambient conditions. AAMA 502 "Voluntary Specification for Field Testing of Newly Installed Fenestration Products" should be adhered to for testing installed products. | ¹ U-values will vary depending upon glazing selected

6800 SERIES QUICK VIEW:

An extremely versatile high-performance commercial window with historic, blast mitigation, hurricane resistant, acoustical, and security/vandal screen capabilities.

STANDARD FEATURES

- Sloped exterior glazing leg simulates putty-glazed profile
- Integral and fixed stack mull for minimal sightlines
- Mulls horizontally or vertically to 3½" frame fixed and operable products
- Receptor and panning systems available for installation
- Flush design of vent and frame for aesthetic appeal
- 0.125" wall thickness

OPTIONAL FEATURES

- Triple glazed with exterior IG unit, mini-blinds, and applied grids
- Dual-glazed design offers optional:
 - High performance glazing combinations, including IG unit
 - Integral mini-blinds
 - Impact-resistant polycarbonate lite
- Hardware options to limit vent access to custodial use
- In-swing or out-swing on operable units
- Thermal Strut (S6800) version available
- Dual finish (two-tone color) option (S6800)
- Blast-Resistant (B6800) and Hurricane-Resistant (HI6800) versions available



Window series: 6800 Casement/Projected/Fixed — General Specifications & Details

- Nominal Frame/Sill Wall Thickness: 0.125"
- Applications: Industrial, Educational, Hospitals and Historic
- Max. Test Size:
 - Casement: 3'5" x 5'5"
 - Projected: 5' x 8'
 - Fixed: 5'0" x 8'3"
- Glazing Options:
 - Single Glazed: Available
 - Insulating: 1" IG available; also dual & triple glazed options
 - Integral Mini-Blinds: Available on dual & triple glazed units
- Dual-Glazed Option:
 - Guardian™ option with interior access panels for cleaning and maintenance
- Muntins: Between-the-glass muntins & true-divided lites available

- Finish Options:
 - AAMA 2603 — Standard acrylic or polyester
 - AAMA 2604 — 2 coat 50% fluoropolymer
 - AAMA 2605 — 2 coat fluoropolymer 70% kynar
 - Powder Coat
 - Anodized
- Hardware (Operable Units):
 - Hinges: 4-bar stainless steel or aluminum butt-hinge option
 - Lock/Latch: White bronze standard
 - Roto-operator option, limit devices
- Accessories:
 - Frame Family: 3½"
 - Fixed Lite Option System: 6800
 - Mullions:
 - Stacking: Integral & fixed-stack mull
 - Side: 3-piece-mull
 - Panning: Available
 - Trims: Available
 - Receptor Systems: Available
- Exceptions: Call Graham sales rep or see website for more information

Our products are tested to the standards of and certified by the American Architectural Manufacturer's Association and the National Fenestration Rating Council.

