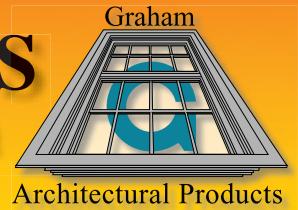


BLAST-RESISTANT PRODUCTS

for Life and Property Protection



FPED VI, Quantico, VA



CASEMENT • DOUBLE HUNG • SLIDING • DUAL ACTION • FIXED • WINDOWS, DOORS, & FRAMING

*DESIGNED TO PROTECT—
TESTED TO PERFORM*

- Complete solution to blast mitigation from design to installation review - your total solution for blast mitigation
- Total system approach - includes shop drawings, anchor calculations, and fabrication of anchor systems
- Glazing retains integrity after blast
- Available for new construction, retrofit, and historical renovation
- Can utilize standard locking hardware
- Operable products designed to function after blast
- Trim-and-clip or receptor anchoring system
- Anchors evaluated for each product application and wall substrate
- Single sourced by Graham



FPED VI, Quantico, VA



FPED VI, Quantico, VA



Hangar Building, Coronado, CA

**DESIGNED TO PROTECT—
TESTED TO PERFORM**
SAVING LIVES AND PROTECTING PROPERTY



FPED V, Quantico, VA

BLAST-RESISTANT PRODUCT SELECTOR

WINDOW TYPE	FRAME DEPTH	CONDITION/HAZARD RESPONSE	SERIES	DESIGNED BLAST PRESSURE	POSITIVE PHASE IMPULSE	WINDOW SIZE	GLAZING	TEST METHOD
Aluminum Horizontal Slider	4	Minimal	B0300	6 PSI	42 psi-msec	66" x 48"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Horizontal Slider	4	Minimal	B0600	4.2 PSI	31.7 psi-msec	67¾" x 49¾"	¼ annealed, ½ as, ⅝ lami	ASTM
Aluminum Fixed	4	Minimal	B1200	6.1 PSI	41 psi-msec	48" x 66"	¼ annealed, ¾ as, ¼ lami	ASTM
Aluminum Fixed	4	Minimal	B1400	6.2 PSI	42 psi-msec	49¾" x 67¾"	¼ annealed, ¾ as, ¼ lami	ASTM
Aluminum Side Load Single Hung	3¼	Minimal	B2000	4.4 PSI	34.3 psi-msec	48" x 66"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Side Load Double Hung	4	Low	B2275	6.2 PSI	42 psi-msec	49¾" x 67¾"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Tilt Double Hung	3¼	N/A	B3000	Minimum UFC	Minimum UFC	36" x 72"	¼ annealed, ½ as, ¼ lami	UFC Calc.
Aluminum Tilt Double Hung	4	N/A	B3100	Minimum UFC	Minimum UFC	36" x 72"	¼ annealed, ½ as, ¼ lami	UFC Calc.
Aluminum Tilt Double Hung	4	Minimal	B3400	4.2 PSI	33 psi-msec	49¾" x 67¾"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Casement/Projected	2¼	Minimal	B6500	5.9 PSI	48 psi-msec	48" x 66"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Fixed	2¼	Minimal	B6500	6.4 PSI	48 psi-msec	48" x 66"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Casement/Projected	2¼	Minimal	B6600	6.5 PSI	48 psi-msec	48" x 66"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Fixed	2¼	Minimal	B6600	6.1 PSI	46 psi-msec	48" x 66"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Fixed	3½	Minimal	B6800	5.8 PSI	41 psi-msec	49.75" x 67¾"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Fixed	3½	No break	B6800 High Performance	10.4 PSI	91 psi-msec	49¾" x 67¾"	¼ TTG, ⅜ as, ⅞ lami	ASTM
Aluminum Fixed	3½	Low	B6800 High Performance	24.2 PSI	116 psi-msec	49¾" x 67¾"	⅜ TTG, ⅜ as, ¾ lami	ASTM
Aluminum Casement/Projected	3½	Minimal	B6800	6 PSI	42 psi-msec	49¾" x 67¾"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Casement/Projected	3½	Low	B6800 High Performance	10.8 PSI	96 psi-msec	49¾" x 67¾"	¼ annealed, ⅜ as, ⅞ lami	ASTM
Aluminum Casement/Projected	3½	Low	B6800 High Performance	23.5 PSI	100 psi-msec	49¾" x 67¾"	⅜ TTG, ⅜ as, ¾ lami	ASTM
Aluminum Dual Action	2¼	Very Low	B7500	6.2 PSI	43 psi-msec	48½" x 66½"	¼ annealed, ½ as, ¼ lami	ASTM
Aluminum Sliding Glass Doors	4"	N/A	B0900	Minimum UFC	Minimum UFC	72" x 84"	¼ Tempered, ½ as, ¼ lami	UFC Calc.
Aluminum Entry Doors	6½	N/A	B7600	Minimum UFC	Minimum UFC	72" x 84"	¼ Tempered, ½ as, ¼ lami	UFC Calc.

All products comply with Unified Facilities Criteria UFC 4-010-01; 8 October 2003 Including change 1, 22 January 2007 DoD Minimum Antiterrorism Standards for Buildings.

Check website for complete, current information including other installation and hardware options: www.grahamwindows.com

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