

Blast Mitigation Window Product Selection Guide

Window products tested in accordance with ASTM F 1642 "Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings", and GSA "Standard Test Method for Window and Glazing Systems Subject to Dynamic Over Pressure Loadings".

	PRODUCT	BLAST MODEL	FRAME DEPTH	CONFIGURATION	WATER PRESSURE (PSF)	TEST SIZE	BLAST (PSI)	GSA TS01 BLAST RATING	HAZARD RATING* ASTM F 1642	LARGE MISSILE IMPACT OPTION
 hung	SINGLE HUNG	06B9100	3-1/4"	O/X	12	51" x 70-1/2"	5.9	1	NO HAZARD	✓
	TWIN SINGLE HUNG	06B9100	3-1/4"	O/X - O/X	12	60" x 60"	6.4	2	MINIMAL HAZARD	
	TWIN SINGLE HUNG	06B9100	3-1/4"	O/X - O/X	12	72" x 72"	6.3	2	MINIMAL HAZARD	
	SINGLE HUNG	8400TL	4"	O/X	15	48" x 72"	5.8	2	MINIMAL HAZARD	✓
 sliding	SINGLE SLIDE	8400TL	4"	OX	15	72" x 60"	5.8	2	MINIMAL HAZARD	✓
 casement	FIXED – OUTSWING	NXB3100	3-1/4"	O-X	15	60" x 72"	6.5	2	MINIMAL HAZARD	✓
	OUTSWING – FIXED	NXB3100	3-1/4"	X-O	15	60" x 72"	6.5	2	MINIMAL HAZARD	✓
	FIXED – OUTSWING	NXB3100	3-1/4"	O-X	15	48" x 66"	6.1	2	MINIMAL HAZARD	✓
	OUTSWING – FIXED	NXB3100	3-1/4"	X-O	15	48" x 66"	6.1	2	MINIMAL HAZARD	✓
	LH OUTSWING	NXB3100	3-1/4"	X	15	24" x 40"	6.4	2	MINIMAL HAZARD	✓
	RH OUTSWING	NXB3100	3-1/4"	X	15	24" x 40"	6.4	2	MINIMAL HAZARD	✓
	OUTSWING	GLASSvent® UT	4-3/8"	X	15	30" x 60"	6.0	2	NO HAZARD	✓
	OUTSWING	GLASSvent® UT	5-1/4"	X	15	30" x 51"	6.0	1	NO BREAK	✓
 projected	FIXED / PROJECT OUT	NXB3500	3-1/4"	O/X	15	60" x 72"	5.8	2	MINIMAL HAZARD	✓
	FIXED / PROJECT OUT	NXB3500	3-1/4"	O/X	15	48" x 66"	6.2	2	MINIMAL HAZARD	✓
	FIXED / PROJECT OUT	NXB3500	3-1/4"	O/X	15	24" x 40"	6	2	MINIMAL HAZARD	✓
	FIXED / PROJECT OUT	AA®4325	3-1/4"	O/X	15	48-1/4" x 72-1/4"	6	3B	LOW HAZARD	✓
	PROJECT OUT	GLASSvent® WINDOWS FOR CURTAIN WALLS	3-7/16"	X	15	57-1/2" x 55-1/2"	5.8	3B	LOW HAZARD	
	PROJECT OUT	GLASSvent® UT	4-3/8"	X	15	60" x 36"	6.0	2	NO HAZARD	✓
	PROJECT OUT	GLASSvent® UT	5-1/4"	X	15	54" x 36"	6.0	2	NO HAZARD	✓
 fixed	FIXED	NXB3800	3-1/4"	O	15	60" x 72"	6.1	2	MINIMAL HAZARD	✓
	FIXED	NXB3800	3-1/4"	O	15	48" x 66"	5.9	2	MINIMAL HAZARD	✓
	FIXED	NXB3800	3-1/4"	O	15	24" x 40"	6.3	2	MINIMAL HAZARD	✓

*NOTE: Unified Facilities Criteria (UFC) 4-010-01 "DOD Minimum Antiterrorism Standards for Buildings" references glazing hazard rating levels from ASTM F 1642