



# WINDOW TECH SYSTEMS

## PRODUCT SELECTION GUIDE

### ALUMINUM WINDOWS

01/2021

Thermally Broken Aluminum Windows			AAMA 101/I.S. 2/A440-08					7/8" or 1" INSULATED GLASS - CBA RATING										
Series	Material	Description	Frame Depth	Test Rating	Test Size	Ins. Glass	Uniform Structural Load	Air-Infiltrn	Air-Infiltrn	Water Resist.	Available U-factors with standard* glazing pkgs	SHGC	Lifecycle Test	Impact Rated	Blast Rated	Acoustic		
								6.24 psf (50 mph)	1.57 psf (25 mph)	Test Press.						OITC raung Range	STC raung Range	
5000	Aluminum	Project Out Casement	2 1/2	C-CW-80	2'8" x 5'0"	1"	120.0 psf	-	0.01	12.11 psf	0.48 - 0.64	.52 - .26	-	-	-	24-32	30-39	
5100	Aluminum	Project Out Awning	2 1/2	P-CW100	4'0" x 2'8"	1"	150.0 psf	-	0.01	12.11 psf	0.48 - 0.64	.52 - .26	-	-	-	24-32	30-39	
5200	Aluminum	Project In Hopper	2 1/2	CW-PG40	4'0" x 2'8"	1"	150.0 psf	-	0.01	6.06 psf	0.48 - 0.64	.52 - .26	-	-	-	24-32	30-39	
5500	Aluminum	Fixed - Thermally Broken	2 1/2	F-CW100	5'0" x 5'0"	1"	150.0 psf	-	0.01	12.12 psf	0.31 - 0.55	.67 - .24	n/a	-	-	22-31	28-37	
5000	Aluminum	Project Out Casement	2 1/2	C-AW-100	3'0" x 5'0"	1"	150.0 psf	0.01	-	12.00 psf	0.48 - 0.64	.52 - .26	x	-	-	24-32	30-39	
5100	Aluminum	Project Out Awning	2 1/2	P-AW100	5'0" x 3'0"	1"	150.0 psf	0.01	-	12.00 psf	0.48 - 0.64	.52 - .26	x	-	-	24-32	30-39	
5200	Aluminum	Project In Hopper	2 1/2	AW-PG40	5'0" x 3'0"	1"	60.0 psf	0.03	-	8.40 psf	0.48 - 0.64	.52 - .26	x	-	-	24-32	30-39	
5500	Aluminum	Fixed - Thermally Broken	2 1/2	F-AW80	5'0" x 8'3"	1"	120.0 psf	0.02	-	12.00 psf	0.31 - 0.55	.67 - .24	n/a	-	-	22-31	28-37	
6300	Aluminum	3L Horizontal Slider	3 1/4	HS-LC30	10'0" x 6'0"	7/8"	45.1 psf	-	0.12	10.66 psf	0.40 - 0.63	.61 - .29	-	-	-	23-32	28-39	
6000	Aluminum	Horizontal Slider	3 1/4	HS-C50	6'0" x 5'0"	7/8"	75.0 psf	-	0.12	7.50 psf	0.40 - 0.63	.61 - .29	-	-	-	23-32	28-39	
6000	Aluminum	Horizontal Slider	3 1/4	CW-PG50	7'1" x 6'0"	7/8"	75.0 psf	-	0.01	12.0 psf	0.40 - 0.63	.61 - .29	-	-	-	23-32	28-39	
6500	Aluminum	Fixed - Thermally Broken	3 1/4	F-C70	6'0" x 6'0"	7/8"	105.0 psf	-	0.01	12.0 psf	0.28 - 0.54	.71 - .25	n/a	-	-	22-31	28-37	
7000	Aluminum	Double Hung Tilt	3 1/4	H-C50	4'6" x 7'6"	7/8"	75.0 psf	-	0.14	8.25 psf	0.40 - 0.62	.60 - .29	-	-	X	24-33	29-38	
7000	Aluminum	Double Hung Tilt	3 1/4	H-C60	4'0" x 6'0"	7/8"	90.0 psf	-	0.14	9.00 psf	0.40 - 0.62	.60 - .29	-	-	X	24-33	29-38	
7500	Aluminum	Fixed - Thermally Broken	3 1/4	F-C70	6'0" x 6'0"	7/8"	105.0 psf	-	0.01	12.0 psf	0.28 - 0.54	.71 - .25	n/a	-	-	22-31	28-37	
8000	Aluminum	Double Hung Tilt	3 1/4	H-HC45	5'0" x 8'0"	7/8"	67.5 psf	-	0.11	9.00 psf	0.40 - 0.63	.59 - .28	-	X	X	25-31	31-35	
8000	Aluminum	Double Hung Tilt	3 1/4	H-HC60	4'6" x 7'0"	7/8"	90.0 psf	-	0.11	9.00 psf	0.40 - 0.63	.59 - .28	-	X	X	25-31	31-35	
8000	Aluminum	Double Hung Tilt	3 1/4	CW-PG55	5'6" x 9'1"	7/8"	82.5 psf	-	0.09	12.00 psf	0.40 - 0.63	.59 - .28	-	X	X	25-31	31-35	
8500	Aluminum	Fixed - Thermally Broken	3 1/4	F-HC70	6'0" x 6'0"	7/8"	105.0 psf	-	0.01	12.00 psf	0.28 - 0.54	.71 - .25	n/a	-	-	22-31	28-37	
8500	Aluminum	Fixed - Thermally Broken	3 1/4	F-CW50	6'0" x 6'0"	7/8"	120.0 psf	-	0.01	12.00 psf	0.28 - 0.54	.71 - .25	n/a	-	-	22-31	28-37	
8500	Aluminum	Fixed - Thermally Broken	3 1/4	F-AW50	5'0" x 8'3"	7/8"	150.0 psf	0.01	-	12.00 psf	0.28 - 0.54	.71 - .25	n/a	-	-	22-31	28-37	
9000	Aluminum	Double Hung Tilt	4 1/8	H-HC45	5'0" x 8'0"	7/8"	67.5 psf	-	0.11	9.00 psf	0.40 - 0.63	.59 - .28	-	X	X	25-31	31-35	
9000	Aluminum	Double Hung Tilt	4 1/8	H-HC60	4'6" x 7'0"	7/8"	90.0 psf	-	0.11	9.00 psf	0.40 - 0.63	.59 - .28	-	-	-	25-31	31-35	
9500	Aluminum	Fixed - Thermally Broken	4 1/8	F-HC70	6'0" x 6'0"	7/8"	105.0 psf	-	0.01	12.00 psf	0.28 - 0.54	.71 - .25	n/a	-	-	22-31	28-37	

\*common thermal values provided - expanded range available