

AAMA PERFORMANCE DATA

Note: All picture windows, shapes and one-frame glass larger than 30 square feet will come with Tempered Glass as standard for safety reasons. All additional charges for Tempered Glass will automatically be applied.

AAMA Performance Data 450, 460, 500 Series

Series	Test Size	Test Rating
S.H. - Cont. H&S	6060 Twin	R50
S.H. - Cont. H&S	6070 Twin	R35
S.H. - Cont. H&S	8060 Twin	R30
S.H.	3860	R40
S.H.	3060	R50
S.H. - Finless	3060	R50
S.H. - Equal Sash	4070	R30
S.H.	3070	R50
P.W.	6070	R50
P.W.	6060	R50
P.W.	4070	R50
H.S.	6050	R25
H.S.	6040	R35

AAMA Performance Data 600 Casement

Series	Test Size	Test Rating
P.W.	5050	FW-C50
Casement	3060	CR-40
Casement	3050	CR-50
Awning	4028	R35



1813 Kelly Blvd. Carrollton, Texas 75006
Phone 972.996.5165 Fax 972.996.5194
www.legacyvinylwindows.com

AAMA PERFORMANCE DATA

Industry Standard Table of Equivalent Wind Velocities

Performance Class Product performance class codes and minimum performance for windows	Residential [R]												
	Light Commercial [LC]												
	Commercial [C]												

Design Pressure Ratings (DP Rating) The Design Pressure (DP) is the pressure (measured in Pounds per Square Foot (PSF) that a building or building component should be designed to accommodate without failure.	15	20	25	30	35	40	45	50	55	60	65	70
Structural Test Pressure in PSF Structural Test Pressure = 1.5 x Design Pressure (DP Rating). The higher the number, the greater the amount of wind the window can sustain. This number varies with window size; be sure comparisons are with same size windows.	22.5	30.0	37.5	45.0	52.5	60.0	67.5	75.0	82.5	90.0	97.5	105
Equivalent Wind Velocity in mph	77	88	99	108	117	125	133	140	147	153	159	165
Water Test Pressure in PSF Water test pressure measures the window's ability to resist water penetration under specific pressure. Water test pressure = 15% of Design Pressure (DP Rating). The greater the rating, the greater the ability of the window to resist water penetration.	2.86	3.00	3.75	4.5	5.25	6.00	6.75	7.50	8.25	9.00	9.75	10.5

Window Velocities are rounded to the nearest 1 mph



1813 Kelly Blvd. Carrollton, Texas 75006
 Phone 972.996.5165 Fax 972.996.5194
www.legacyvinylwindows.com