



Product Specifications
5000 SERIES
 Technical and Test Specifications

Design Test Structural Test Water Test

AAMA	5000 SERIES	Performance Class or Design Pressure PSF	Class Design Pressure	Equivalent Wind Velocity in MPH	Structural Test Pressure in PSF	Equivalent Wind Velocity in MPH	Water Test Pressure in PSF	Equivalent Wind Velocity in MPH	NFRC	BTU/Hr		Solar Heat Gain Coefficients		Visible Light Transmittance	
Series		Structural Rating	Air PSF	Wind MPH	Air PSF	Wind MPH	Water PSF	Water MPH	Configuration	U-Factor	W/Grids	SHGC	W/ Grids	VT	W/ Grids
Vinyl									5/8" Super Spacer		grids>=1"	LE 272 / 366	grids>=1"	LE 272 / 366	grids>=1"
										3/4" Air Space		3/4" Air Space		3/4" Air Space	
5200	Patio Door	R20	20	89.51	30	109.63	3.00	24.67	LE 272 / Clear Argon	0.29	0.29	0.34	0.30	0.59	0.52
	96 x 96								LE 366 Clear Argon	0.29	0.29	0.22	0.20	0.53	0.46
5200 wide	Patio Door	R20	20	89.51	30	109.63	3.00	24.67	LE 272 / Clear Argon	0.30	0.30	0.29	0.25	0.50	0.43
	96 x 96	wide sash							LE 366 Clear Argon	0.30	0.30	0.19	0.17	0.45	0.39
STC Tests		Sound Transimission Class	Exterior Wall Rating	Outside/ Inside Transmission Class					NFRC						
									2008						
									5200						
Series	Combinations	STC	EWR	OITC					DS LE272 / DS LE272 / DS Clear	0.22		0.27		0.47	
Vinyl															
5200	1/8" / 1/8"	29	29	22											
	1/8" / 3/16"	32	33	26											
	1/8" / 7/32" lami	33	34	26											
	3/16" / 7/32" lami	35	37	29											

Testing

U-Value	NFRC 100-91
SHGC	NFRC 200
VT	NFRC 200
Air Infiltration	AAMA / NFRC 1.S.2-97
Water Infiltration	AAMA / NFRC 1.S.2-97
Structural Rating	AAMA / NFRC 1.S.2-97
Forced Entry	CAWM 301-90, CMBSO1-79