

# West Prime Thermal Aluminum Double Hung Test Summary

Structural Test Data						
Tested Size	Performance Grade - DP	Uniform Load	Water Resistance	Air Infiltration	Test Method	Test Report Number
56 x 90	H-C45	+/- 67.5 psf	WTP= 6.75	0.1 cfm/ft <sup>2</sup>	I.S.2/97	110-7537-2

Thermal Test Data	Configuration	U-Factor	SHGC	Vis Transmit	CRF
Clear	No Grid	0.61	0.59	0.61	34
Clear	With Grid	0.61	0.53	0.55	34
Low-E2-270	No Grid	0.49	0.29	0.52	35
Low-E2-270	With Grid	0.49	0.26	0.46	35
Low-E2-270/Argon	No Grid	0.46	0.28	0.52	35
Low-E2-270/Argon	With Grid	0.46	0.28	0.52	35
Low-E3-366	No Grid	0.49	0.22	0.48	35
Low-E3-366	With Grid	0.49	0.20	0.43	35
Low-E3-366/Argon	No Grid	0.45	0.21	0.48	35
Low-E3-366/Argon	With Grid	0.45	0.19	0.43	35
Low-E-240	No Grid	0.50	0.20	0.30	35
Low-E-240	With Grid	0.50	0.18	0.27	35
Low-E-240/Argon	No Grid	0.46	0.20	0.30	35
Low-E-240/Argon	With Grid	0.46	0.18	0.27	35

### Additional Information

Egress Calculation Example:					
Window Size	Width Deduction	Height Deduction	Net Clear Opening Width	Net Clear Opening Height	Egress Opening
36 x 64	3.875	(H/2)-6.375	32-1/8"	25-5/8"	5.717 Sq Ft
Daylight Calculation Example:					
Window Size	Width Deduction	Height Deduction	Net Clear Light Width	Net Clear Light Height	Day light Opening
36 x 64	6.500	(H/2)-3.875	29-1/2	28-1/8" X 2	11.52 Sq Ft.

Complete test reports are available upon request.

