

Westco Thermal Aluminum Casement Test Summary

Structural Test Data						
Tested Size	Performance Grade - DP	Uniform Load	Water Resistance	Air Infiltration	Test Method	Test Report Number
32 x 60	C-C50	+/- 75.0 psf	WTP= 9.75	0.01 cfm/ft ²	A440-05	CTLA 2029W-1

Thermal Test Data	Configuration	U-Factor	SHGC	Vis Transmit	CRF
Clear	No Grid	0.60	0.53	0.54	41
Clear	With Grid	0.60	0.48	0.49	41
Low-E2-270	No Grid	0.49	0.26	0.46	43
Low-E2-270	With Grid	0.49	0.24	0.41	43
Low-E2-270/Argon	No Grid	0.47	0.26	0.46	43
Low-E2-270/Argon	With Grid	0.47	0.24	0.41	43
Low-E3-366	No Grid	0.49	0.20	0.42	43
Low-E3-366	With Grid	0.49	0.19	0.38	43
Low-E3-366/Argon	No Grid	0.46	0.20	0.42	43
Low-E3-366/Argon	With Grid	0.46	0.18	0.38	43
Low-E-240	No Grid	0.50	0.19	0.26	43
Low-E-240	With Grid	0.50	0.17	0.24	43
Low-E-240/Argon	No Grid	0.47	0.18	0.26	43
Low-E-240/Argon	With Grid	0.47	0.17	0.24	43

Additional Information

Egress Calculation Example - Standard Hinge					
Window Size	Width Deduction	Height Deduction	Net Clear Opening Width	Net Clear Opening Height	Egress Opening
32 x 60	10.750	5.25	21-1/4"	54-3/4"	8.079 Sq Ft
Egress Calculation Example - Special Egress Hinge					
Window Size	Width Deduction	Height Deduction	Net Clear Opening Width	Net Clear Opening Height	Egress Opening
32 x 60	6.750	5.25	25-1/4"	54-3/4"	9.600 Sq Ft
Daylight Calculation Example					
Window Size	Width Deduction	Height Deduction	Net Clear Light Width	Net Clear Light Height	Day light Opening
32 x 60	6.375	6.375	25-5/8"	53-5/8"	9.543 Sq Ft

Complete test reports are available upon request.

