



Thermally-Broken Aluminum Frame Testing

SL-450TB & SL-600TB

Introduced 9/1/2015			
SL-450TB	Test	Description	Performance
	AAMA/WDMA/CSA 101/I.S.2/A440-11 and -08, NAFS 2011	Performance Requirements	Class LC-PG75 2286 x 2438 (90 x 96) - FW ratings
	ASTM E 283	Air Infiltration, 6.24 psf (50mph)	Less than 0.01 cfm/ft ²
	ASTM E 331	Water Resistance, 15.0 psf	Pass No Leakage
	ASTM E 330	Overall Design Pressure	75.0 psf, positive & negative
	ASTM E 330	Structural Test Pressure	112.5 psf, positive&negative
	ASTM F 588	Forced Entry Resistance	Grade 10
		Thermal Performance	
	AAMA 1503	Condensation Resistance Factor (CRF)	74
	AAMA 1503-09	Thermal Transmittance U Value	0.32 Btu/hr-ft ² -F
	ASTM D 6670-01	Greenguard Environmentl Inst, Certified	GREENGUARD for Children and Schools Certification

Introduced 9/1/2015			
SL-600TB	Test	Description	Performance
	AAMA/WDMA/CSA 101/I.S.2/A440-11 and -08, NAFS 2011	Performance Requirements	Class CW-PG100 2286 x 2438 (90 x 96) - FW ratings
	ASTM E 283	Air Infiltration, 6.24 psf (50mph)	Less than 0.01 cfm/ft ²
	ASTM E 331	Water Resistance, 15.0 psf	Pass No Leakage
	ASTM E 330	Overall Design Pressure	100.0 psf, positive & negative
	ASTM E 330	Structural Test Pressure	150.0 psf, positive & negative
	ASTM F 588	Forced Entry Resistance	Grade 10
		Thermal Performance	
	AAMA 1503	Condensation Resistance Factor (CRF)	77
	AAMA 1503	Thermal Transmittance (U Factor)	0.33 Btu/hr-ft ² -F
	ASTM D 6670-01	Greenguard Environmentl Inst, Certified	GREENGUARD for Children and Schools Certification