

Series 3131

New Construction Patio Door Windows

Performance Data



THERMAL PERFORMANCE DATA

Door Series	Test Method	Glazing Type	U-Value	SHGC	Visible Light Transmittance	Energy Star Compliance
3131 Sliding Door	NFRC 100-97	Clear I.G.	0.48	0.63	0.67	no
		LowE I.G.	0.34	0.32	0.6	yes
		LowE/Argon I.G.	0.3	0.32	0.6	yes
		Ultra LowE I.G.	0.34	0.3	0.53	yes
		Ultra LowE/Argon I.G.	0.3	0.3	0.53	yes
		Clear I.G. w/Grid	0.48	0.55	0.59	no
		LowE I.G. w/Grid	0.34	0.29	0.52	yes
		LowE/Argon I.G. w/Grid	0.3	0.28	0.52	yes
		Ultra LowE I.G. w/Grid	0.34	0.27	0.47	yes
		Ultra LowE/Argon I.G. w/Grid	0.3	0.27	0.47	yes
		3131 Transom	NFRC 100-97	Clear I.G.	0.47	0.63
LowE I.G.	0.33			0.32	0.6	yes
LowE/Argon I.G.	0.29			0.32	0.6	yes
Ultra LowE I.G.	0.32			0.3	0.53	yes
Ultra LowE/Argon I.G.	0.28			0.3	0.53	yes
Clear I.G. w/Grid	0.47			0.57	0.61	no
LowE I.G. w/Grid	0.33			0.29	0.54	yes
LowE/Argon I.G. w/Grid	0.29			0.29	0.54	yes
Ultra LowE I.G. w/Grid	0.32			0.28	0.48	yes
Ultra LowE/Argon I.G. w/Grid	0.28			0.28	0.48	yes
	NFRC 100-97			Clear I.G.		
		LowE I.G.				
		LowE/Argon I.G.				
		Ultra LowE I.G.				
		Ultra LowE/Argon I.G.				
		Clear I.G. w/Grid				
		LowE I.G. w/Grid				
		LowE/Argon I.G. w/Grid				
		Ultra LowE I.G. w/Grid				
		Ultra LowE/Argon I.G. w/Grid				



Climate Region	U-Value	Solar Heat Gain Coefficient (SHGC)
Northern*	<= 0.30	No Requirement
North/Central	<= 0.32	<= 0.40
South/Central	<= 0.35	<= 0.30
Southern	<= 0.60	<= 0.27

*see alternatives



STRUCTURAL PERFORMANCE DATA

Door Series	Test Method	Door Size	Air Infiltration @ 25 MPH	Water Resistance	Structural Test Pressure	DP Rating
3131 Sliding Door	AAMA/NWWDA 101/I.S.2-97	72 x 80	0.18	5.25 psf	45 psf	SGD-R 30
3131 Transom						