

ENTRY DOOR TEST RESULTS

TEST	RESULTS			RATING	
AIR INFILTRATION ASTM E283 Air Infiltration Around Edges of Door Panels Shall Not Exceed $11.6 \times 10^{-4} \text{ m}^3/\text{s}$ Per Meter of Crack Length	Door with Full Lite	Measured Value	Maximum Air Infiltration		
	Total Crack Length	5.842 m (19.17 ft.)			
	Infiltration Rate (Per CGSB-82.1-M88)	0.087 m ³ /hr/m (0.016 cfm/ft.)	4.2 m ³ /hr/m (2.5 cfm/ft)	Pass	
	Infiltration Rate (Per AAMA/WDMA/CSA 101/I.S.2/A440-05)	0.072 L/s•m ² (0.014 cfm/ft ²)	6.0 L/s•m ² (1.2 cfm/ft ²)	Pass	
	Door with No Lite	Measured Value	Maximum Air Infiltration		
	Total Crack Length	5.842 m (19.17 ft.)			
	Infiltration Rate (Per CGSB-82.1-M88)	0.23 m ³ /hr/m (0.042 cfm/ft.)	4.2 m ³ /hr/m (2.5 cfm/ft)	Pass	
	Infiltration Rate (Per AAMA/WDMA/CSA 101/I.S.2/A440-05)	0.19 L/s•m ² (0.038 cfm/ft ²)	6.0 L/s•m ² (1.2 cfm/ft ²)	Pass	
	WATER RESISTANCE ASTM E331 No Water Shall Pass the Interior Face of the Door Unit when Tested for Five Minutes with no Pressure Differential Applied	Door with Full Lite			
		CGSB-82.5-M88		AAMA/WDMA/CSA 101/I.S.2/A440-05	
5 Minute Test Period using a Pressure Differential of 0 Pa (0.0 psf.)		15 Minute Test Period using a Pressure Differential of 0 Pa (0.0 psf.)			
No Water Leakage Observed		No Water Leakage Observed			
Pass		Pass (LW Rating)			
Door with No Lite					
CGSB-82.5-M88		AAMA/WDMA/CSA 101/I.S.2/A440-05			
5 Minute Test Period using a Pressure Differential of 0 Pa (0.0 psf.)		15 Minute Test Period using a Pressure Differential of 0 Pa (0.0 psf.)			
No Water Leakage Observed		No Water Leakage Observed			
Pass		Pass (LW Rating)			

CONCLUSION

- Based on the Test Results, the 946mm Wide x 2083mm High Inswing Insulated Steel Door Described in this Report Met the Air and Water Tightness Performance Requirements Specified in CGSB-82.1-M88 "Insulated Steel Doors", AAMA/WDMA/CSA 101/1.5.2/A440-05 "Standards/Specifications for Windows, Doors and unit Skylights."