



# NATIONAL CERTIFIED TESTING LABORATORIES

FIVE LEIGH DRIVE • YORK, PENNSYLVANIA 17406 • TELEPHONE (717) 846-1200  
FAX (717) 767-4100  
www.nctlinc.com

**AAMA/WDMA/CSA 101/I.S.2/A440-17  
CSA A440S1-17**

## TEST REPORT SUMMARY

**Rendered to:**

**Gutmann Orama, Inc.**  
2020 Winston Park Drive Suite 200  
Oakville, ON L6H 6X7

**PRODUCT TYPE: XO Sliding Glass Door**

**SERIES/ MODEL: "Orama Omicron Z"**

Title	Summary of Results
Primary Product Designator AAMA/WDMA/CSA 101/I.S.2/A440-17	Class AW-PG75: Size tested 3200 x 2400 mm (~126 x 94 in) - Type SGD
Design Pressure <sup>(17)</sup>	±3600 Pa (±75.19 psf)
Operating Force (in motion <sub>max</sub> )	89 N (20 lbf) Prior to Cycles 80 N (18 lbf) After Cycles
Air Infiltration	0.7 L/s/m <sup>2</sup> (0.14 cfm/ft <sup>2</sup> ) Prior to Cycles 0.8 L/s/m <sup>2</sup> (0.15 cfm/ft <sup>2</sup> ) After Design Pressure Load
Canadian Air Infiltration/Exfiltration	A3 Level
Water Penetration Resistance Test Pressure	960 Pa (20.05 psf) Prior to and After Design Pressure Load
Uniform Load Structural Test Pressure <sup>(17)</sup>	±6120 Pa (±112.78 psf)
Forced Entry Resistance	ASTM F842-14 - Grade 10 Pass

Test Completed: 12/08/22

Reference must be made to Report No. NCTL-110-25668-1 dated 12/19/22 for complete test specimen description and data.

**For National Certified Testing Laboratories**

Justin L. Bupp  
Laboratory Manager