



# NATIONAL CERTIFIED TESTING LABORATORIES

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AAMA/WDMA/CSA 101/I.S.2/A440-11

## TEST REPORT SUMMARY

Rendered to:

**ALUPLAST USA**  
P.O. Box 496  
Layton, UT 84041

**PRODUCT TYPE: OX – Dual Action Composite Window**

**SERIES/ MODEL: 60 mm TNT**

Title	Summary of Results
Primary Product Designator	<u>Configuration 1</u> Class CW-PG40:Size tested 2134 x 1676 mm (84 x 66 in)-Type DAW* <u>Configuration 2</u> Class CW-PG70:Size tested 2134 x 1676 mm (84 x 66 in)-Type DAW*
Design Pressure	<u>Configuration 1</u> ± 1920 Pa (40.10 psf) <u>Configuration 2</u> ± 3360 Pa (70.18 psf)
Operating Force (in motion <sub>max</sub> )	4 N (1 lbf)
Air Infiltration/Exfiltration	0.1 L/s/m <sup>2</sup> (0.02 cfm/ft <sup>2</sup> ) – Infiltration 0.1 L/s/m <sup>2</sup> (0.01 cfm/ft <sup>2</sup> ) – Exfiltration
Water Penetration Resistance Test Pressure	960 Pa (20.05 psf)
Uniform Load Structural Test Pressure	<u>Configuration 1</u> ± 4320 Pa (90.23 psf) <u>Configuration 2</u> ± 4320 Pa (90.23 psf)
Forced Entry Resistance	ASTM F588-07 - Grade 20 - Pass CAWM 1-79, CMBSO 301 - Pass

\*Reference NCTL Report #NCTL-310-4329 for Original Gateway Performance

Test Completed: 07/21/14

Reference must be made to Report No. NCTL-310-4338 dated 08/12/14 for complete test specimen description and data.

**For National Certified Testing Laboratories**

Jim Clarke  
Structural Performance Technician