

700 SERIES CASEMENT/HOPPER/FIXED

TEST REPORT SUMMARY

In compliance to AAMA/
101/I.S.2/ CSA A440

	Casement/Hopper	Fixed
TEST SIZE	813mm x 1524mm 32" x 60"	1525mm x 1525mm 60" x 60"

TYPE	TEST	REQUIREMENTS		RESULTS	GRADE	
		TEST STANDARD	TEST CRITERIA		AAMA	CSA
O P E R A T O R	Air Tightness	ASTM E 283	75 pa (1.57 psf)	+/- 0.17 m ³ /h/m +/- 0.034 CFM/ft ²	A3	A3
			300 pa (6.24 psf)	1.46 m ³ /h/m ² 0.08 CFM/ft ²		
	Water Tightness	ASTM E 547	650 pa (13.5 psf)	No Leakage	DP 90	B6
	Wind Load Resistance	ASTM E 330	4680 pa (97.5 psf)	No Deformation	DP 65	C4
Series 700 casement/hopper windows are rated C-C65g design pressure 65 @ test pressure 314 kph (195 mph).						

F I X E D	Air Tightness	ASTM E 283	75 pa (1.57 psf)	0.005 m ³ /h/m 0.001 CFM/ft ²	A3	FIXED
	Water Tightness	ASTM E 547/331	700 pa (12 psf)	No Leakage		
	Wind Load Resistance	ASTM E 330	4000 pa (97.5 psf)	No Deformation	DP 65	C4
Series 700 fixed windows are rated F-C 65 design pressure 65 @ test pressure 312 kph (195 mph).						

Energy Ratings

The Thermal Performance Values. Shown below, are based on products glazed with 7/8" (22mm) overall thickness insulating glass units comprising one lite of Low-E glass, an argon filled cavity, and a double sealed aluminum spacer.

Higher performance may be achieved by using various glass coatings, inert gasses, and/or warm edge spacers.

Performance	Casement/Hopper		Fixed	
	CSA-A440.2	NFRC 100	CSA-A440.2	NFRC 100
U-Value Frame	1.74 W/m ² /C	0.31 Btu/h/ft ² /F	1.66 W/m ² /C	0.29 Btu/h/ft ² /F
U-Value Window	1.92 W/m ² /C	0.33 Btu/h/ft ² /F	1.85 W/m ² /C	0.31 Btu/h/ft ² /F
SHGC	0.42	0.44	0.57	0.59

Note: The reader is cautioned that test results should be used for comparison purposes only. Results are size and installation dependent. In-Service performance can be significantly different from those shown. Product tested indicates design potential.