



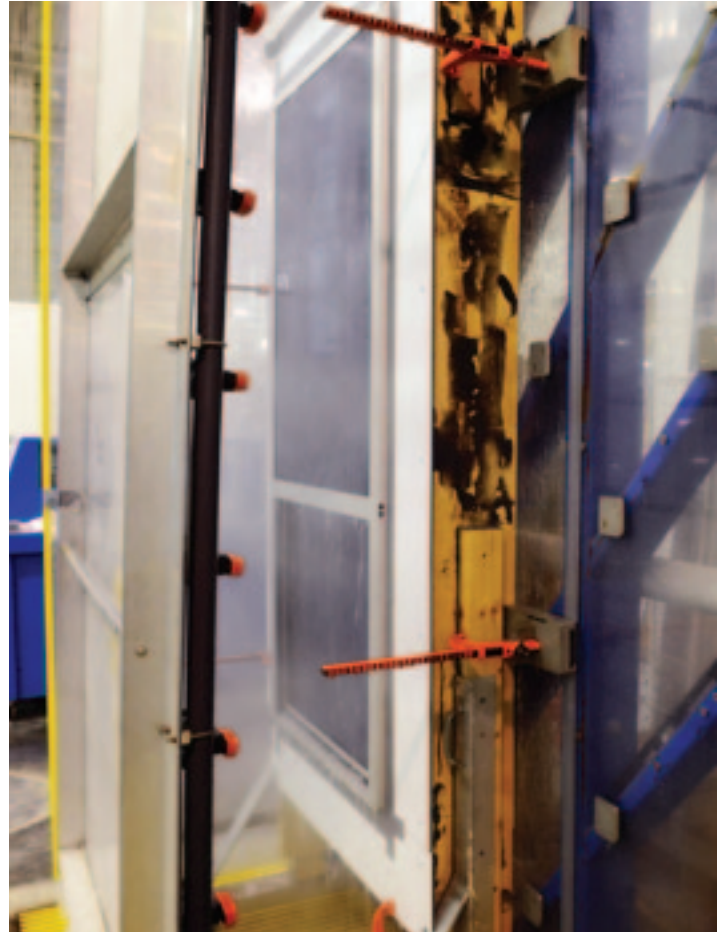
COMFORT SERIES

TESTING DATA

DECADES OF PROVEN PERFORMANCE

Gerkin's primary focus has been to manufacture energy saving window and door products. Throughout history, we have established ourselves as an innovator in the design and manufacturing capability of insulated windows and doors.

We go to great extremes to make sure our Comfort Series Vinyl window and door products are the best they can be. Our products are tested by independent laboratories to ensure quality and performance. Gerkin windows and doors are rated and certified by the American Architectural Manufacturers Association (AAMA) and the National Fenestration Rating Council (NFRC). Gerkin vinyl windows also carry the Energy Star label from the Environmental Protection Agency and the U.S. Department of Energy.



800.475.5061 | gerkin.com

COMFORT SERIES

TESTING DATA

6000 HORIZONTAL SLIDER | TEST RESULTS

NFRC TEST RESULTS	
U-Value	.29
Solar Heat Gain Coefficient	.22
U-Value / Air Only* 6000, 6500	33, .32
Visible Light Transmittance	.51
Condensation Resistance	60

AAMA TEST RESULTS	
Test Window 3 Equal Lite 108" X 54"	
Air Infiltration	.05 cfm/sq.ft.
Water	5.43 psf
Structural	52.5 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	32
AAMA Rating	R-PG35-HS

AAMA TEST RESULTS	
Test Window 2 Equal Lite 72" X 60"	
Air Infiltration	.04 cfm/sq.ft.
Water	5.43 psf
Structural	52.5 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	32
AAMA Rating	LC-PG35-HS

*U-Values for our windows with 1/8" 366 LoÉ3 glass, air only, 1/8" clear glass, no muntins or argon in the air space.

"Thermal Value w/ 3/4" IGU w/ 1/8" 366/Argon/ 1/8" Clear - No Muntins

Tested and Certified to AAMA/WDMA/CSA 101/1.S.2/A440-05 & A440-08 U-Value/SHGC/VT/CRF Tested to NFRC 100/200/500

6100 SERIES SINGLE HUNG | TEST RESULTS

NFRC TEST RESULTS	
U-Value	.30
U-Value / Air Only*	.34
Solar Heat Gain Coefficient	.22 psf
Visible Light Transmittance	.51 psf
Condensation Resistance	58

*U-Values for our windows with 1/8" 366 LoÉ3 glass, air only, 1/8" clear glass, no muntins or argon in the air space.

"Thermal Value w/ 1/8" 366/Argon/ 1/8" Clear - No Muntins

AAMA TEST RESULTS	
Test Window 2 Equal Lite 48" X 60"	
Air Infiltration	.05 cfm/sq.ft.
Water	6.0 psf
Structural	60 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	LC-PG40-H

AAMA TEST RESULTS	
Test Window 2 Equal Lite 44" X 77"	
Air Infiltration	.06 cfm/sq.ft.
Water	6.0 psf
Structural	60 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	LC-PG40-H

Tested and Certified to AAMA/WDMA/CSA 101/1.S.2/A440-05 & A440-08 U-Value/SHGC/VT/CRF Tested to NFRC 100/200/500

COMFORT SERIES

TESTING DATA

4800 DOUBLE HUNG | TEST RESULTS

NFRC TEST RESULTS	
U-Value	.30
U-Value / Air Only* 4800DH, 4800F	.33, .30
Solar Heat Gain Coefficient	.22
Visible Light Transmittance	.50
Condensation Resistance	58

AAMA TEST RESULTS	
Test Window 2 Equal Lite 48" X 72"	
Air Infiltration	.05 cfm/sq.ft.
Water	5.25 psf
Structural	52.5 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	34
AAMA Rating	LC-PG35-H

AAMA TEST RESULTS	
Test Window 2 Equal Lite 44" X 60"	
Air Infiltration	.05 cfm/sq.ft.
Water	7.5 psf
Structural	75 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	34
AAMA Rating	LC-PG50-H w/dam riser

*U-Values for our windows with 1/8" 366 LoE3 glass, air only, 1/8" clear glass, no muntins or argon in the air space.

¹Thermal Value w/ 1/8" 366/Argon/ 1/8" Clear - No Muntins

Tested and Certified to AAMA/WDMA/CSA 101/I.S.2/A440-05 & A440-08 U-Value/SHGC/VT/CRF Tested to NFRC 100/200/500

4300 CASEMENT | TEST RESULTS

NFRC TEST RESULTS	
U-Value	.25 ¹ - .21 Triple Glaze ²
U-Value / Air Only* 4300, 4700HP, 4700LP	.28, .29, .29
Solar Heat Coefficient	.18 ¹ - .17 Triple Glaze ²
Visible Light Transmittance	.43 ¹ - .39 Triple Glaze ²
Condensation Resistance	62 ¹ - 69 Triple Glaze ²

AAMA TEST RESULTS	
Test Window 1 Lite 24" X 48"	
Air Infiltration	.02 cfm/sq.ft.
Water	12 psf
Structural	135 psf
Indoor/Outdoor Sound Transmission Class	27
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	CW-PG90-C

AAMA TEST RESULTS	
Test Window 1 Lite 32" X 60"	
Air Infiltration	.02 cfm/sq.ft.
Water	12 psf
Structural	75 psf
Indoor/Outdoor Sound Transmission Class	27
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	CW-PG50-C

AAMA TEST RESULTS	
Test Window 1 Lite 36" X 72"	
Air Infiltration	.02 cfm/sq.ft.
Water	6.75 psf
Structural	60 psf
Indoor/Outdoor Sound Transmission Class	27
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	CW-PG40-C

*U-Values for our windows with 1/8" 366 LoE3 glass, air only, 1/8" clear glass, no muntins or argon in the air space.

¹Thermal Value w/ 3/4" OA 1/8" 366/Argon/ 1/8" Clear - No Muntins

²Thermal Value w/ 1-3/8" OA 5/32" 366/Argon/ 15/32" Clear/Argon 5/32" Clear - No Muntins

Tested and Certified to AAMA/WDMA/CSA 101/I.S.2/A440-05 & A440-08 U-Value/SHGC/VT/CRF Tested to NFRC 100/200/500

COMFORT SERIES

TESTING DATA

4400 SLIDING GLASS DOOR | TEST RESULTS

NFRC TEST RESULTS	
U-Value	.29
U-Value / Air Only*	.33
Solar Heat Gain Coefficient	.23
Visible Light Transmittance	.54
Condensation Resistance	58

AAMA TEST RESULTS	
Test Door 2 Equal Lite 95-1/2" X 95-1/2"	
Air Infiltration	.05 cfm/sq.ft.
Water	4.5 psf
Structural	45 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	34
AAMA Rating	LC-PG30-SD

*U-Values for our windows with 1/8" 366 LoÉ3 glass, air only, 1/8" clear glass, no muntins or argon in the air space.

Thermal Value w/ 1" OA 1/8" 366/Argon/ 1/8" Clear - No Muntins

Tested and Certified to AAMA/WDMA/CSA 101/1.S.2/A440-05 & A440-08 U-Value/SHGC/VT/CRF Tested to NFRC 100/200/500

4300Wi CASEMENT | TEST RESULTS

NFRC TEST RESULTS	
U-Value	.25 ¹ - .21 Triple Glaze ²
U-Value / Air Only*	.28, .29, .29
4300, 4700HP, 4700LP	
Solar Heat Coefficient	.18 ¹ - .17 Triple Glaze ²
Visible Light Transmittance	.43 ¹ - .39 Triple Glaze ²
Condensation Resistance	62 ¹ - 69 Triple Glaze ²

AAMA TEST RESULTS	
Test Window 1 Lite 24" X 48"	
Air Infiltration	.02 cfm/sq.ft.
Water	12 psf
Structural	135 psf
Indoor/Outdoor Sound Transmission Class	27
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	CW-PG90-C

Test Window 1 Lite 32" X 60"	
Air Infiltration	.02 cfm/sq.ft.
Water	12 psf
Structural	75 psf
Indoor/Outdoor Sound Transmission Class	27
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	CW-PG50-C

Test Window 1 Lite 36" X 72"	
Air Infiltration	.02 cfm/sq.ft.
Water	6.75 psf
Structural	60 psf
Indoor/Outdoor Sound Transmission Class	27
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	33
AAMA Rating	CW-PG40-C

*U-Values for our windows with 1/8" 366 LoÉ3 glass, air only, 1/8" clear glass, no muntins or argon in the air space.

¹Thermal Value w/ 3/4" OA 1/8" 366/Argon/ 1/8" Clear - No Muntins

²Thermal Value w/ 1-3/8" OA 5/32" 366/Argon/ 5/32" Clear/Argon 5/32"

Clear - No Muntins

Tested and Certified to AAMA/WDMA/CSA 101/1.S.2/A440-05 & A440-08 U-Value/SHGC/VT/CRF Tested to NFRC 100/200/500

COMFORT SERIES

TESTING DATA

4400Wi SLIDING GLASS DOOR | TEST RESULTS

NFRC | TEST RESULTS

U-Value	.29
U-Value / Air Only*	.33
Solar Heat Gain Coefficient	.23 psf
Visible Light Transmittance	.54 psf
Condensation Resistance	58

AAMA | TEST RESULTS

Test Door 2 Equal Lite 95-1/2" X 95-1/2"	
Air Infiltration	.05 cfm/sq.ft.
Water	4.5 psf
Structural	45 psf
Indoor/Outdoor Sound Transmission Class	28
Sound Transmission Class (w/ 1/4 LAM X 1/8 A)	34
AAMA Rating	LC-PG30-SD

*U-Values for our windows with 1/8" 366 LoÉ3 glass, air only, 1/8" clear glass, no muntins or argon in the air space.

Thermal Value w/ 1" OA 1/8" 366/Argon/ 1/8" Clear - No Muntins

Tested and Certified to AAMA/WDMA/CSA 101/I.S.2/A440-05 & A440-08 U-Value/SHGC/VT/CRF Tested to NFRC 100/200/500