



4300

VINYL CASEMENT WINDOW



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# 4300

## VINYL CASEMENT WINDOW

### DECADES OF PROVEN PERFORMANCE

When you're looking for the best of the best, the Comfort Series 4300 casement windows can't be beat! These windows are the envy of our competition since our casements have air infiltration ratings that are tighter than some of our competitor's fixed windows!

One of the most important features of the casement window is the operating mechanism. After all, if the window doesn't open and close with ease, it won't be a customer favorite. That's why we installed roto crank hardware with unbelievable leverage and power. The days of sticking sashes are gone with this hardware! We also include a foldaway handle, which is standard on all casements. The 4700 fixed window compliments the 4300 casement as a stand alone fixed window or can be used to mull fixed and specialty shapes in order to create custom configurations.

With twenty-one chambers of fusion-welded vinyl, this casement has uncommon strength, warmth and overall long-term performance characteristics. We seal the 4300 with two heavy compression bulbs and a third secondary exterior seal that seals out the weather before the interior compression seals even have to work!



# 4300

## VINYL CASEMENT WINDOW

### 4300 CASEMENT | DETAILS

To ensure the tightest possible full perimeter seal, we use a multi-point lock system along with interlocking hinge side locks. If you're looking for a weakness in this window, you won't find one! The 4300 will impress the most selective customer. For the best in performance and operation, the 4300 Comfort Series casement is the ultimate choice!

**Triple-Seal Weather stripping:**

Two compression bulb seals and one fin-seal weather strip provide the best seal on the market.

**Multi-Point Locking:**

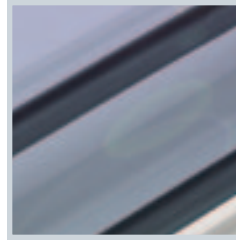
Our convenient locking handle will lock the sash up to 4 locations (depending on sash height) pulling the sash in tight and true to the frame.

**Hardware:**

We use Truth's Maxim Roto Crank hardware with a folding, self-nesting crank handle. This is the finest hardware available and offers an easy, tight operation with no extra "play" when opening and closing the sash. The cranking power and leverage in all positions are the best of any hardware available.

**Frame:**

Our casement has a 3 1/4" depth with a slimline frame profile. The frame and sash are fully fusion welded extruded UPVC.

**LoE<sup>3</sup> Glass:**

The 4300 casement comes with 3/4" insulated clear or argon filled LoE<sup>3</sup> high performance glass. Triple glazed, Double LoE or laminate glass options are also available.

**Color Options:**

White

Tan

Sandstone

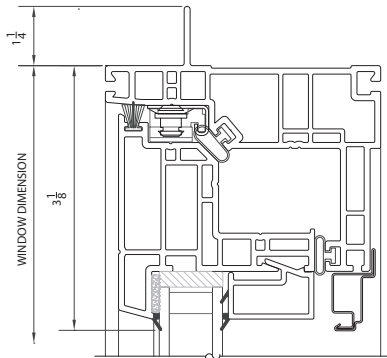


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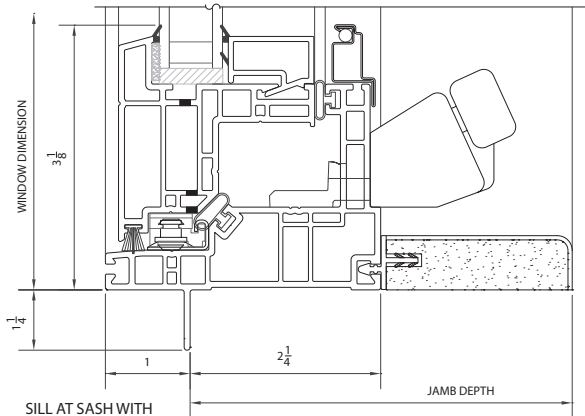
## VINYL CASEMENT WINDOW

### 4300 CASEMENT | DETAILS

CONCRETE

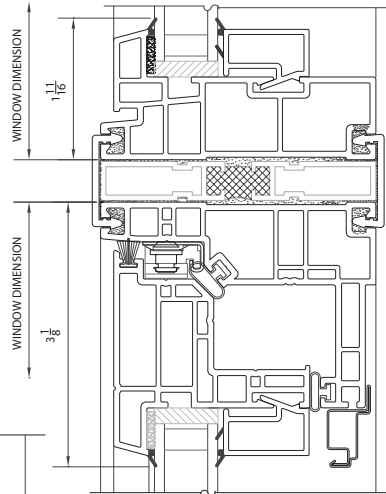


TYPICAL HEAD

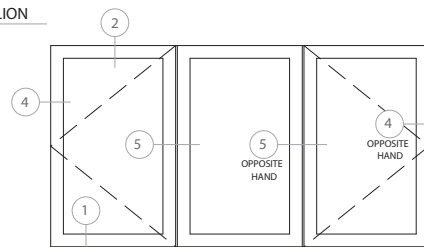
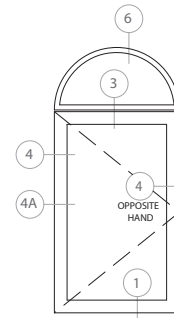


1 SILL AT SASH WITH OPTIONAL EXTENSION JAMB

ORFIELD 2015 CDA



3 TYPICAL MULLION



TYPICAL 3-LITE CASEMENT WINDOW

GERKIN WINDOWS & DOORS RESERVES THE RIGHT TO CHANGE OR DISCONTINUE MANUFACTURING ANY OF ITS STANDARD WINDOW SYSTEMS OR COMPONENTS WITHOUT PRIOR WRITTEN NOTICE.



SHEET NO:

1

4300Wi SERIES CASEMENT WINDOW

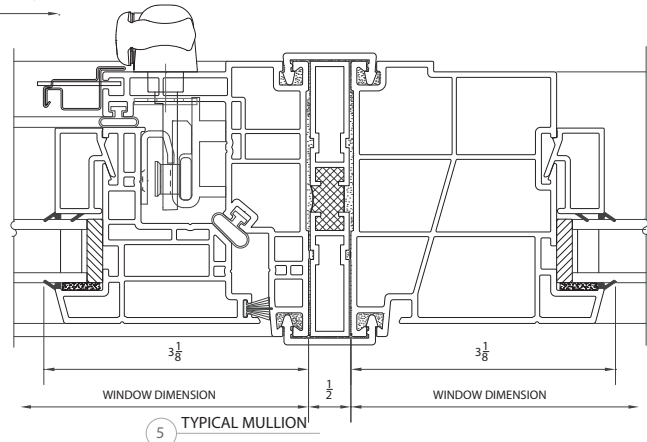
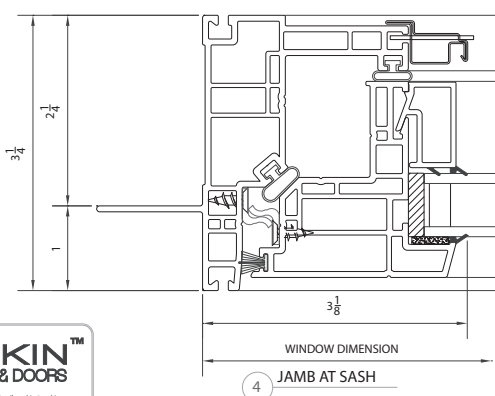
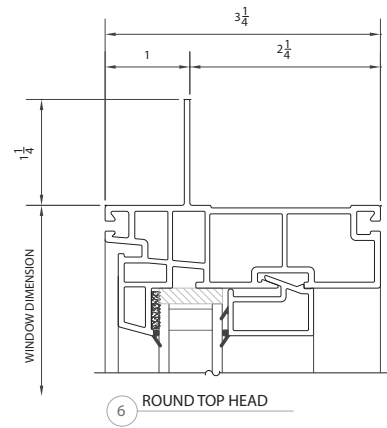
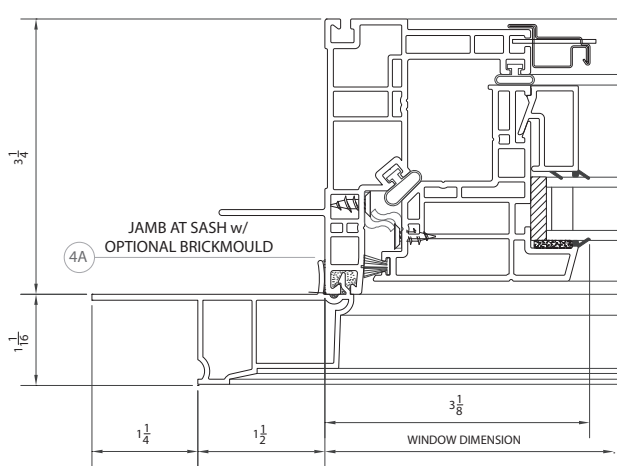
# 4300

## VINYL CASEMENT WINDOW

### 4300 CASEMENT | DETAILS

SHEET NO: 2

4300Wi SERIES CASEMENT WINDOW



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# 4300

## VINYL CASEMENT WINDOW

### TESTING

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. Our windows and doors are rated and certified by the American Architectural Manufacturers Association (AAMA) and the National Fenestration Rating Council (NFRC). Our Gerkin vinyl windows also carry the Energy Star label from the Environmental Protection Agency and the U.S. Department of Energy.

For more information about Comfort Series® vinyl windows and doors visit [gerkin.com](http://gerkin.com).



### 4300 CASEMENT | TEST RESULTS

AAMA   TEST RESULTS	
<b>Test Window   1 Lite 24" X 48"</b>	
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
<b>Test Window   1 Lite 32" X 60"</b>	
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
<b>Test Window   1 Lite 36" X 72"</b>	
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

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

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

\*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.

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

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



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