



# Comfort Series 4800 Double Hung



Are you looking for a lot of ventilation, but don't want to sacrifice performance... then take a good look at the Comfort Series 4800 double hung. The 4800 is quite possibly the tightest double hung made today!

Our double hung features a patented "candy cane" operating jamb stop which seals the ends of the interlock rail with perfection! No other double hung has it. We took the weakest link in double hung performance and have made it the tightest area of the window! To compliment this patented performance, we included three or more weather seals in every area where the sash makes a connection with the frame, including the interlock!

Gerkin traditionally seeks to build in long-term performance with all windows and doors. That's why we use multi-chambered fusion welded vinyl along with multiple areas of internal aluminum reinforcements. The 4800 works best when the weather conditions are at their worst. All sash members have full perimeter internal aluminum reinforcements. This extra structure restricts sash deflection under strong wind loads and allows all three

weather seals to stay firmly connected for unsurpassed performance! The 4800 double hung can be custom sized to fit retrofit applications. Gerkin can prep the window with predrilled installation holes, screws, and sill expander for a "pocket" window installation or apply a welded brickmold for a total window replacement installation.

Before a double hung window can be considered a great window, it must operate as well as it seals. That's why we offer "assist operated" block and tackle balances for easy opening and closing as well as an easy tilt in sash feature for effortless cleaning.

The appearance of this window will impress all who see it! Its slimline beveled frame appearance and equal lite sash offers maximum open viewing.

Whether it's a replacement window you need or a window for an addition or new house, the 4800 double hung offers all the bells and whistles along with great performance that you would expect from Gerkin and then some!

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# did you know?

## How To Control Condensation

Condensation is a result of the surface temperature of the glass or frame reaching the dew point temperature, which results in condensation showing up on your window. All window makes, models and types are susceptible to condensation. If you look at any name brand window website, you will see that this issue is addressed.

Condensation results from a combination of high humidity levels inside and cold temperatures outside. Humidity levels can be much higher without condensation build up when warm temperatures are present, but as the outside temperature drops, the glass on your windows will get colder. Once the glass reaches a cold enough temperature, called the dew point temperature, condensation will form.

Typically, condensation on the windows is worse in the beginning of the heating season due to left over summertime humidity in the house. It takes about 30 days for a forced air heating system to burn off excess moisture. During this period, make sure that humidifiers are not being used. De-humidifiers are usually a good way to reduce the left over summertime humidity. If you are using electric heat or hot water heat, your humidity levels will be elevated because your heating system is not designed to burn moisture. De-humidifiers will be required to remove moisture from the air.

New homes will have much more humidity in them for the first two years after construction. This is due to all of the water in paint, drywall and cement used during construction that is still locked into the home.

Buildings are made much tighter today and thus the environment inside the home will require more regulation. If you just replaced your windows, you will notice that your house is much more comfortable and quieter. This is because your new windows are much tighter. Having tighter windows will also trap more moisture in the house and will create higher humidity levels. Again, regulation of this humidity will be needed to reduce or eliminate condensation on your windows.

As the outside temperature drops, your humidity levels will need to be reduced inside in order to limit condensation build up. Using a de-humidifier, vent fans and an air exchanger all will help regulate your humidity levels. Another way to keep your windows clear of condensation is to leave your blinds open and allow heating vents to reach the glass. The warmer you can keep the glass, the colder it will have to be outside before the dew point temperature can be reached on the glass.

Your Gerkin windows have been made with the highest performing glass and spacer available, which are our Low E 366 glass with Duralite insulating glass spacers. With this high performing glass along with our incredibly low air infiltration rates, your windows are designed to perform extremely well against condensation. Your choice to use Gerkin high performance windows gives you additional resistance to condensation build up. Our windows outperform our competitors because we are able to keep our glass and frame warmer. Our windows will not reach the dew point temperature as fast as our competitors, thus you will be able to more easily control condensation build up.

# product innovations

## Rhino Accessories

Gerkin has numerous installation accessories available for our Rhino commercial aluminum windows. For your convenience we have listed each type of installation and the suggested accessory most likely to be appropriate.

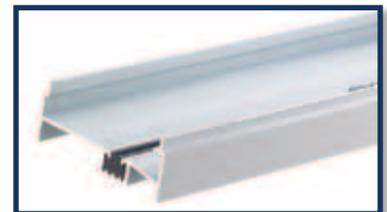
**Wood Frame Construction** – Whenever wood frame construction is used, we recommend the use of the nail fins. The nail fin should be silicone caulked to the opening and then flashed with window wrap tape. Our website offers a video on how to install our windows with a nail fin.

**Masonry Openings** – Whenever the opening is made of a flat masonry, the use of the subframe would be recommended. The subframe acts as a receiver to the new window. The subframe is a four piece track system which is installed into the opening first. This track system allows for an easier installation of multiple windows since it is much easier to properly square level and plumb a light weight subframe than it is for windows which can weigh hundreds of pounds. The subframe is designed to be installed from the inside, thus lifts and scaffolding are not required. Exterior caulking can be completed from the inside before the window is installed. The other advantage of using a subframe is that once the window is installed, the subframe gives the window a protection tolerance of 3/8" at each jamb and the head against expansion and contraction or building movement without putting stress on the window.

**Retrofit Over Existing Windows** – Whenever there is a retrofit situation where the new window will be installed into an existing window frame, panning may be the best solution. Panning is designed to cover up existing window frames. Panning offers 3 1/8" legs which can be trimmed to fit over an existing window frame. Like subframe, panning also acts as a receiver to the new window. Panning is installed over the existing window first. All of the exterior caulking is done prior to the new window being installed. The new window will fit in flush to the panning and up against bulb seals and silicone. The window is held in to the panning by an interior snap trim which also is used to cover the backside of the existing window.

**Retrofit Over Existing Steel Window Frames** – Most of our Rhino windows have flush face nail fins available which can be used as a mini-pan to cover small dimension window frames like steel windows. Our traditional nail fin can be installed flush with the face of the window which acts as an extension of the window frame. This 1 1/2" fin can be sent without the pre-punched nail holes. The nail fin corners are mitered for a smooth look. The window fin can be caulked to the steel frame for an exterior seal and mounted from the inside with the use of our snap trim. The snap trim would also cover the old steel frame from the inside. (Slider and single hungs do not have this offering)

**Bridging The Air Gap Between Block And Brick** – When using our 2 3/8" Rhino windows, the air gap between the brick and block can cause a dilemma in how to anchor through the windows. One option is to use wood blocking in the air gap so there can be an anchoring point. Another option is to use strap anchors. Strap anchors are field screwed into all four sides of the window and protrude into the building 2" so that the window can span the air gap and be yet anchored behind the window into solid building material. (Not available for sliders or single hungs)



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## New Sales Team Members

### Marty Hoisington

Gerkin Windows & Doors is pleased to announce the addition of Marty Hoisington to the Gerkin sales staff. Marty started working with Gerkin in November of 2010 and is operating out of his office in Aurora, Colorado.

Marty is responsible for Gerkin sales in Colorado and Wyoming as well as western counties of Nebraska and South Dakota.

Marty comes to Gerkin with a wealth of sales experience. Marty is a window sales veteran with over 20 years of territory sales experience.

This is the first time Gerkin has had a company salesman living in this region. With this addition to the market, we have dedicated our efforts to take care of our customers with the service they would expect from a high quality manufacturer.

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### Todd Clausen

Gerkin Windows & Doors is pleased to announce the addition of Todd Clausen to the Gerkin sales staff. Todd started working with Gerkin in November of 2010 and is working out of our manufacturing plant in South Sioux City, NE.

Todd is responsible for all Gerkin product sales in central and eastern South Dakota, all of North Dakota, all of Minnesota and Wisconsin counties which border Minnesota.

Todd comes to Gerkin with a well diversified sales experience background over the past 13 years.

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### Bob Drayton

Gerkin Windows & Doors is pleased to announce the addition of Bob Drayton to the Gerkin sales staff. Bob started working for Gerkin in early January of this year and is working out of his office in Middleton, WI.

Bob is responsible for all Gerkin product sales in Wisconsin and the Northern half of Illinois.

Bob comes to Gerkin with a wealth of sales experience in building materials and commercial windows over the past 20 years.

**Contact Information:**

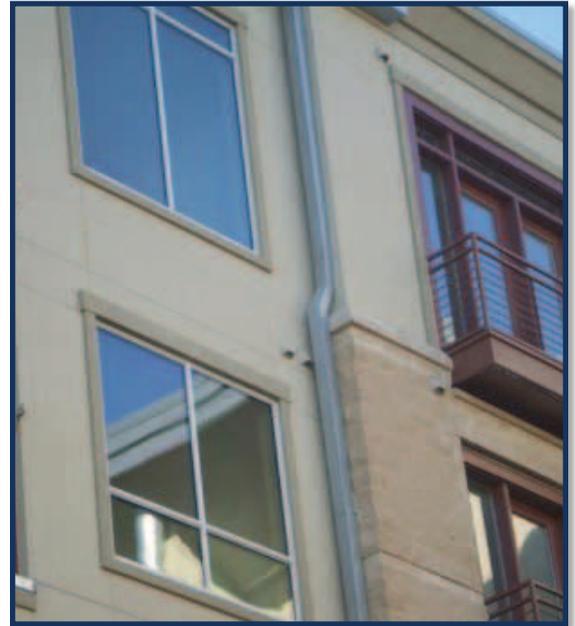
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# project showcase



## Trinity Commons

Duke University Medical Campus  
Durham, NC

Product: 58F Fixed, Clear Anodized

Coastal Window and Door  
Wilmington, NC  
Jimmy Allen

Terry Creech – Gerkin Rep  
Raleigh, NC



our commitment

## Quality since 1932

Our mission is to manufacture high quality window and door products that are value priced, thermally efficient and low maintenance. Throughout our history we have established ourselves as an innovator in the design and manufacturing capability of insulated windows and doors. Stringent product testing and innovative design has allowed our products to evolve as market and consumer needs change, bringing you the quality, maintenance-free products you desire. We also publish our AAMA test results to back up our claims of product performance and quality.



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