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# Storefront has met its' match



Gerkin Windows and Doors recently introduced a new fixed window system which will make the use of storefront systems obsolete for many projects. Storefront systems, which are site built systems, are known to have performance challenges such as water leakage issues, thermal deficiencies and workmanship problems because they are built in an uncontrolled environment. Gerkin has solved these challenges by designing a “window” system in which the product is fully manufactured and glazed in our plant under perfect working conditions. The new model 58F has a 4 5/16” frame depth and was designed with a dual wall construction, which offers an internal weep system. This weep system eliminates the possibility of water ever reaching the wall cavity of any building. Our new 58F was tested and certified by AAMA and NFRC. The AAMA test sizes were 180” x 99” (3-lite) and 96” x 120” (2-lite). With these tests, Gerkin can offer ribbons of windows where each lite can be up to 60 x 99 or 48 x 120. The mulls have been tested and certified, thus giving our clients a fully AAMA certified system. The AAMA ratings are up to CW45/LC50 with a 12 lb water test and .01 air at 50 mph. The u-value of the 58F is an amazingly low .34 with our standard low E glass. (.33 with 3/16 low E glass)

Another feature of this new window is our thermal bar thermal break system. While many storefront systems do not offer thermal breaks, Gerkin’s thermal bar is a revolutionary thermal break, which offers superior performance to standard thermal breaks.

An added advantage to using the 58F over storefront is the nail fin option. Nail fins are the perfect application for installing into a wood framed structure. The nail fin offers a great anchoring device and gives a water tight flashing. Subframe and panning installation options are also available.

Gerkin also has the ability to install projected windows into the 58F system. This option allows for nearly endless options in configurations. With our versatile 58F fixed window, Gerkin can offer customers a proven window system alternative to storefront and offer more project opportunities than ever before.


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# product innovations

## Gerkin Website Feature Videos



We developed a series of sales training and installation videos which will help our customers understand the value in Gerkin products and insure that with a proper installation, they can perform at their best. The sales videos are great tools for sales meetings as well as offering customers who are researching windows a better insight to our products. The installation videos are an essential tool for our customers. Whether it is a do-it-yourselfer or a professional builder who is installing our windows, these videos will give clarity to the best methods of installation.

### Corporate Video

This video is a great introduction to Gerkin Windows and Doors. It helps give a view into who we are and what we do. This video is perfect for introducing Gerkin to new customers or clients interested in using Gerkin products.

### Vinyl Video

Homeowners, contractors, dealers and distributors will learn why Gerkin is the best choice in residential windows. We highlight our performance achievements including why air infiltration ratings is one of the most important factors in choosing a window.

### Rhino Video

Architects and those interested in choosing a commercial window will appreciate the information on this video. We highlight the different types of projects we work on and talk about the performance results of the windows.

### Vinyl Installation

This video discusses how to properly install a new construction vinyl window. We offer a lot of detail in this video so that our windows can perform at their best. We review the different installation procedures for each window type.

### Rhino Installation

This new construction Rhino installation video reviews how to install each window type that we offer. We have gone into great detail in this video to insure the very best installation, so that the windows can perform at their best.

## DID YOU KNOW?

Many parts of the country have been hit with heavy rains and flooding. How well are your windows holding up? Windows are rated to withstand varying wind and water pressures. In order to see how well a window will stand up to the forces of nature, you can start by looking for the AAMA design pressure or performance grade (PG).

Windows are tested with water pressures equal to 8" of rain per hour and with increasing wind loads. The lower ratings of a PG 15-20 have a water penetration failure rate when the wind reaches 30-35mph! There are many residential grade windows sold with these low ratings. Below is a chart that will show different performance grades and the wind load at which the windows will fail a water test. If you have a severe storm with 70-80 mph winds and very heavy rain, even a high PG window could fail. In order to combat water failure, chose a window that fits the conditions you are likely to have each year. The window must be installed perfectly plumb, level and square to work at its optimum performance. This is just another reason to be careful when looking at price first. Be wise and chose the right window for your projects.

## PerformanceGrade      Wind Load

PG15	30 MPH
PG20	35 MPH
PG25	38 MPH
PG30	42 MPH
PG35	46 MPH
PG40	49 MPH
PG45	52 MPH
PG50	55 MPH
PG55	57 MPH
PG60	60 MPH

what's new

# Gerkin Plant Adds Major Production Upgrades



## Machine Center

Our Rhino commercial window production line recently added a machine center which can create tooling for new products as well as offer back up tooling for existing products. With this new piece of equipment, we can create nearly limitless options in product designs and fabrication with new extrusions. New products will be less expensive in initial costs since we will not need to purchase dies, mills and punches for each new extrusion. If an existing die or mill were to break down, the machine center can also be programmed do the job.

## New Fabrication Equipment for Casement and Double Hung

In the past month Gerkin has added two significant pieces of machinery for the Comfort Series vinyl production line. The casement line has an automatic system, where pre-cut extrusions for the sash and frame are placed into the machine to be welded, corner cleaned and drilled without being handled. This machine can triple the production of our casements. We purchased a Fab Center saw for the double hung which will do some fabrication to the extrusions. We also purchased a four point welder and two point corner cleaner. These new additions should double our production capabilities for the double hung line.

## New Sales Team Member

### Mark Moran

Gerkin Windows and Doors is pleased to announce the addition of Mark Moran to our sales team. Mark joined our company in March of this year. Mark has had a very successful sales career outside of the window and door industry. Mark brings his enthusiasm and drive for success to Gerkin and will make a strong impact in the market. Mark will be managing the states of Minnesota, North Dakota, South Dakota and a portion of Western Wisconsin.

Mark is a Sioux City native and a University of Iowa graduate. He will be working out of our plant in South Sioux City. We are excited to have Mark on our team and we're sure you will receive the professional attention you deserve.

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feature department

# project showcase



## Oread Project, Lawrence Kansas

Customer: Midway Wholesale  
Architect: Nearing Staats Prelogar & Jones – Prairie Village, KS  
(Tim Homberg – Project Architect)  
Contractor: Gene Fritzel Construction Co. – Lawrence, KS  
Product: Rhino 5500 Fixed, 5900 single hung and louvers

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.



Rhino model 5500 fixed window was used in the Oread project



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