

# ***Powerweld***

1650 Window Series By Lang Windows, Inc.



**MANUFACTURING**

**Since 1953**

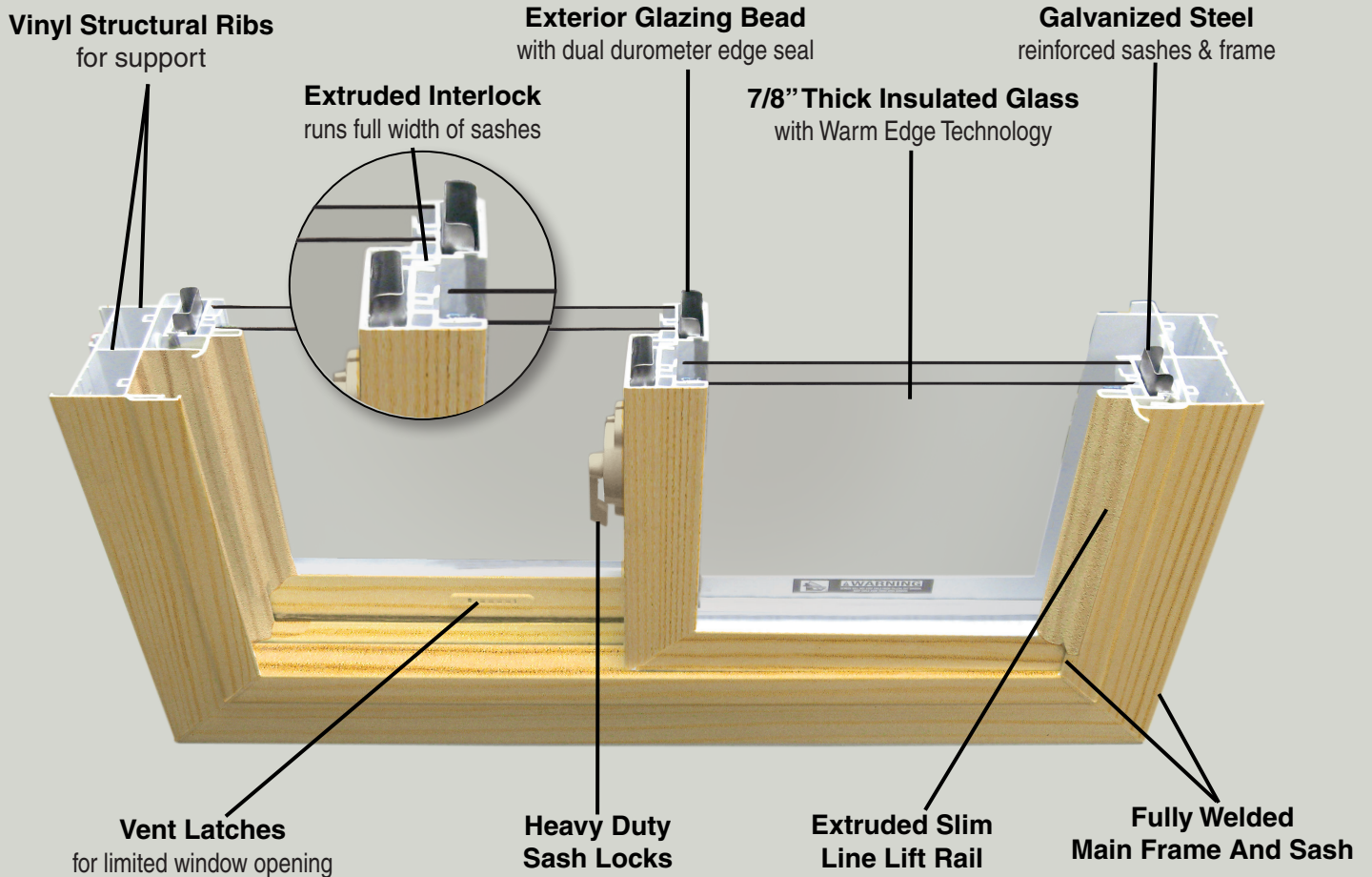
**AND INNOVATION**

**Sleek and Sophisticated**





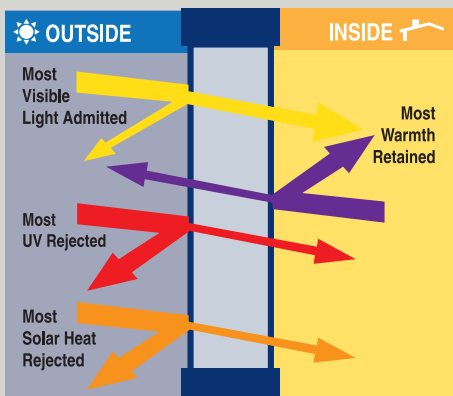
# Special Features



## Selected Details



### Glass Options:



## How Enhanced LowE Glass Works

According to U.S. Government estimates an average household spends more than 40% of its annual energy budget on heating and cooling. That is why with the 1650 Powerweld Slider Series combined with the *optional* Enhanced LowE and Argon special glass will keep indoor temperatures comfortable regardless of the outside elements. All the windows with the Enhanced LowE and Argon package will come with packaging labels U Factor .30 and SHGC .30 or under.

*\*Image to the left provided by Guardian Glass Co. shows how LowE Glass works*

*All Lang Exterior products, styles, ratings, and pricing are subject to change without notice.*

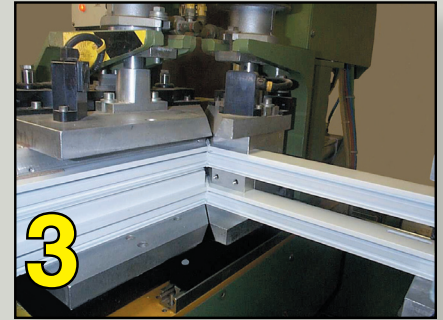
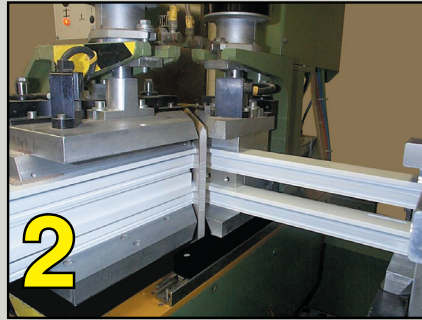
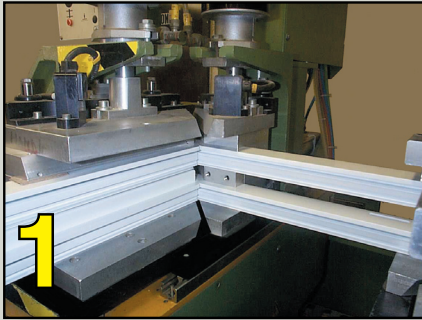
# We Manufacture The Products We Sell



- All sashes can be removed from the inside for easy cleaning
- Removable screen
- Sashes slide in their innovated track with ease
- Double fin & triple fin woolpiling throughout
- Easy to operate and maintain
- Energy efficient / pay for themselves

## Not All Windows Are Created The Same!

**The Powerweld Process:** Innovation is key in making such a strong and durable window. 1650 PowerWeld is a well engineered window line made with Virgin Vinyl profiles. These profiles are cut precisely by computerized saws, then entered into our automated welding chambers where they are fused into one. We use a 4 point welder to ensure a square frame. Not only is 1650 PowerWeld strong and durable, but also energy efficient. That's what makes 1650 PowerWeld stand out above the rest. It takes state of the art machinery to create a well-built product like 1650 PowerWeld. Other companies may be embarrassed to show their machinery, but we are not. Illustrated below are the 3 main steps involved in the making of 1650 PowerWeld windows. First, the lineals are placed into special dies that make the window extrusions square when entering the welding chambers. After fitting tight and square, the operator then pushes a button that spreads the two pieces apart. Second, a hot plate of 480°F erects from the machine to heat up the ends of the extrusions. After being held there for about 30 seconds reaching the correct temperature, the hot plate falls below. The last step illustrates the cooling phase of the welding process. As the hot plate falls below, the two heated ends come together. They take hold of one another while cooling down, creating the ultimate weld.



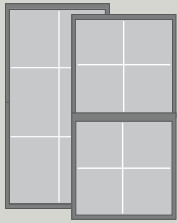
## 42 Color Combinations To Choose From

### Interior Woodgrain And Solid Color Option Chart

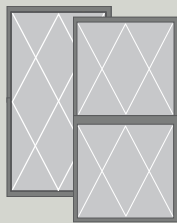
	Light Oak	Dark Oak	Cherry	Bleached Oak	Bengal White	Stainable Oak	Stainable Pine	White	Beige	Cocoa Brown	Clay	Bronze	Black
White													
Beige													
Cocoa Brown													
Clay													
Bronze													
Black													
Green													

# V-Groove Glass

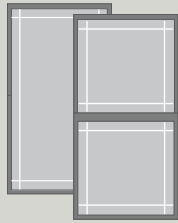
a process that carves into the glass for a 3 dimensional design



Colonial



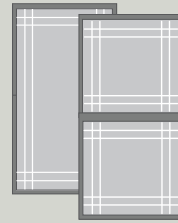
Diamond



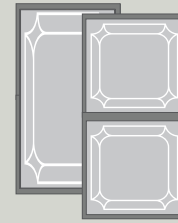
Prairie



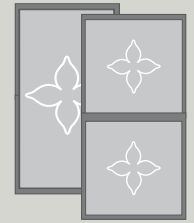
Tulip



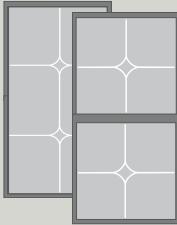
Double Prairie



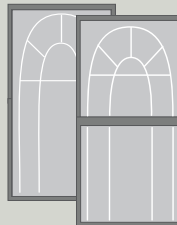
Victorian



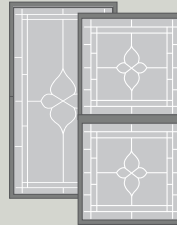
Gothic



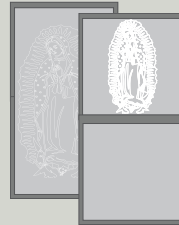
Marquise



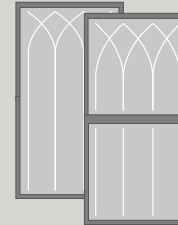
Archview



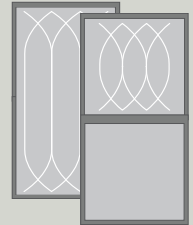
Grand Marquise  
*not available in all sizes*



Guadalupe



Cathedral



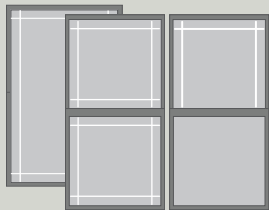
Cathedral  
Mirrored

## Grid Options

grids are between the glass for easy cleaning

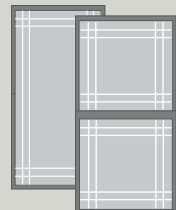
*Custom V-Groove Available/Size of window dictates pattern of V-Groove and grids.*

### Flat or Contour

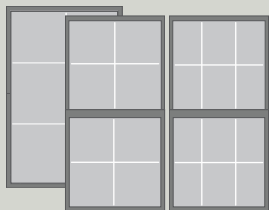


Prairie

*multiple configurations shown*

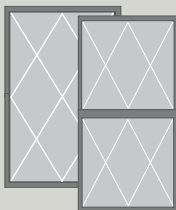


Double Prairie



Colonial

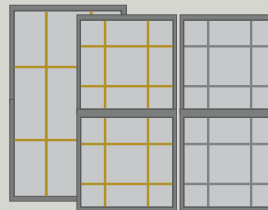
*multiple configurations shown*



Diamond

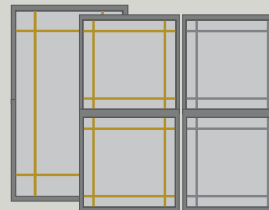
*flat only*

### Brass or Nickel



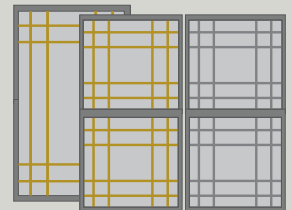
Colonial

*brass & nickel*



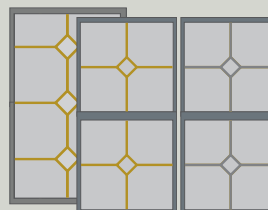
Prairie

*brass & nickel*



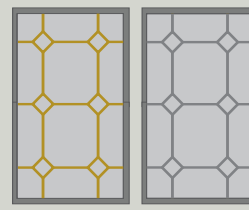
Double Prairie

*brass & nickel*



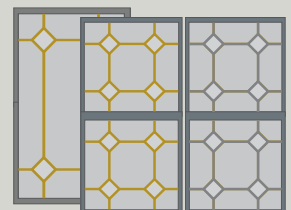
Diamond Middle

*brass & nickel*



Diamond Sides

*brass & nickel*



Diamond Corners

*brass & nickel*

## Experience the Powerweld 1650 Slider Series



2-Lite Slider



3-Lite Slider  
1/3 - 1/3 - 1/3



3-Lite Slider  
1/4 - 1/2 - 1/4

### Southside Location Order/Pickup/Showroom

2323 West 59th Street  
Chicago, Illinois 60636  
773-737-4500



www.LangExterior.com



### Northside Location Order/Pickup/Showroom

2529 North Pulaski Road  
Chicago, Illinois 60639  
773-772-6800