

Powerweld

1600 Window Series By Lang Exterior, Inc.

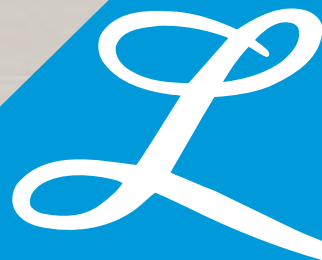


MANUFACTURING

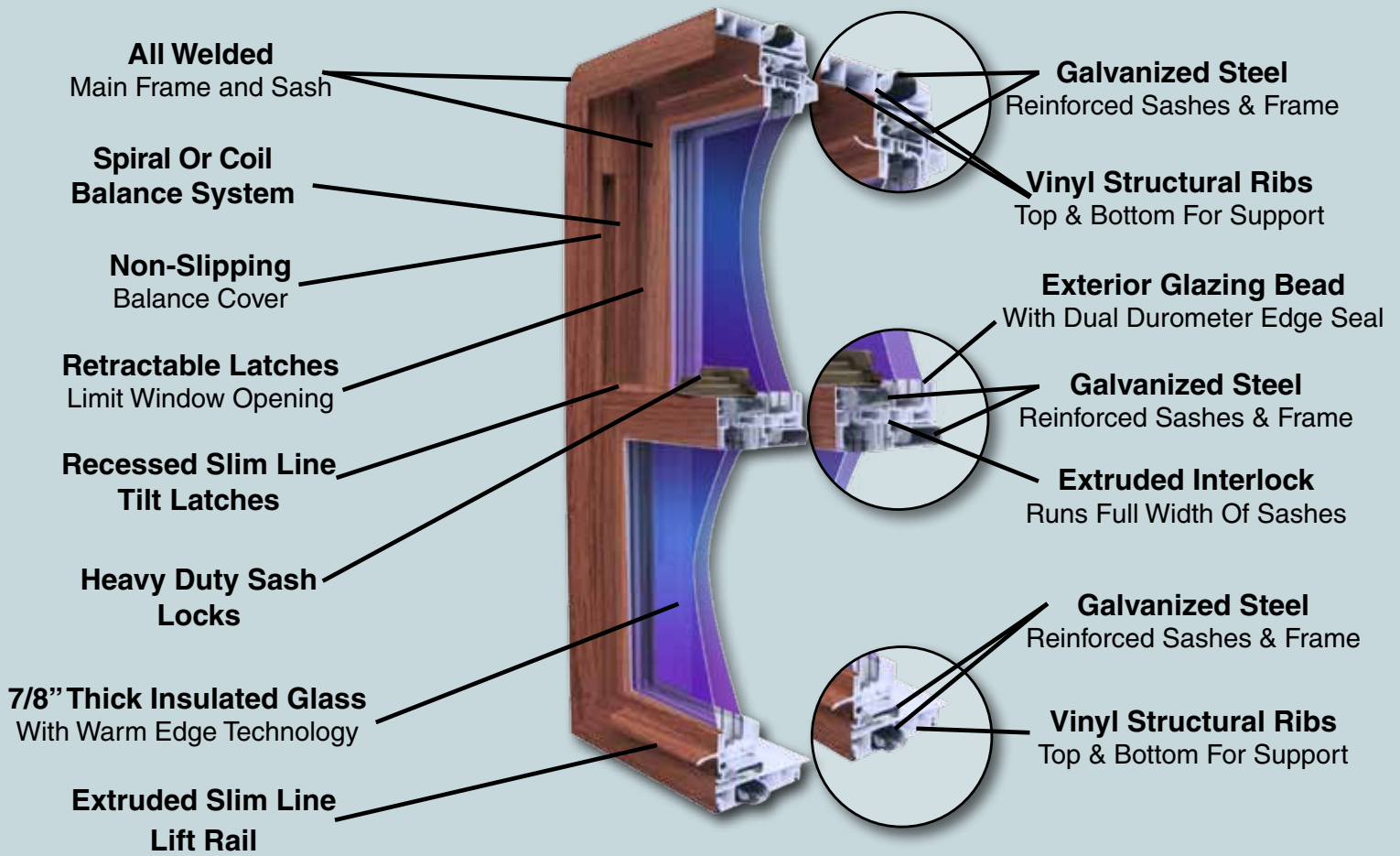
Since 1953

AND INNOVATION

Stands Up To Mother Nature



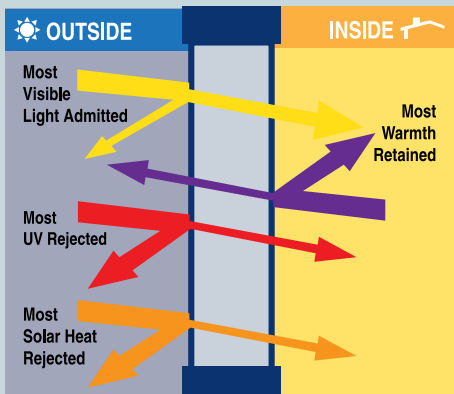
Special Features



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 1600 Powerweld 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

The Powerweld Process: Innovation is key in making such a strong and durable window. 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 PowerWeld strong and durable, but also energy efficient. That's what makes PowerWeld stand out above the rest. It takes state of the art machinery to create a well-built product like 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 PowerWeld windows.



Step 1

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.



Step 2

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.



Step 3

This 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

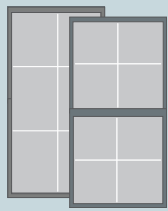
Interior Woodgrain And Solid Color Options

	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													

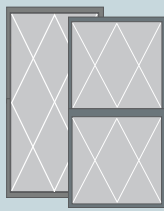
Exterior Color Options

V-Groove Glass

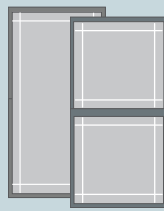
a process that carves into the glass for a 3 dimensional design



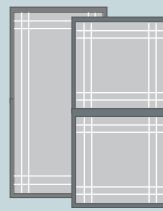
Colonial



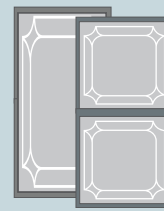
Diamond



Prairie



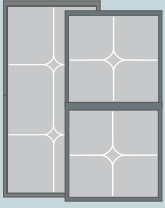
Double Prairie



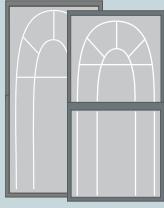
Victorian



Gothic



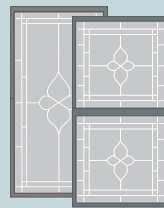
Marquise



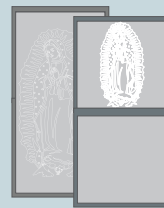
Archview



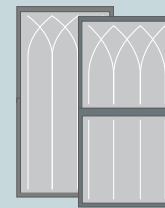
Tulip



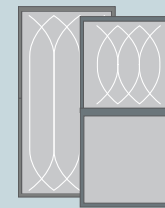
Grand Marquise
not available in all sizes



Guadalupe



Cathedral



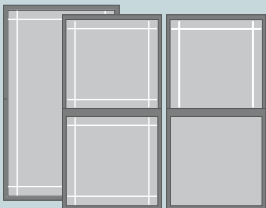
Cathedral
Mirrored

Grid Options

grids are between the glass for easy cleaning

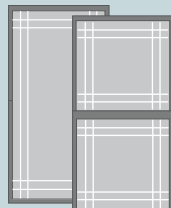
Custom V-Groove Available/Size of window dictates pattern of V-Groove and grids.

Flat or Contour

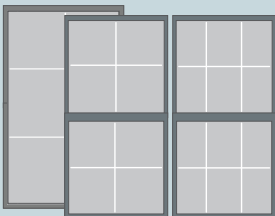


Prairie

multiple configurations shown

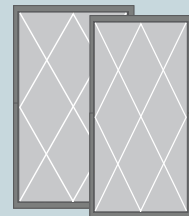


Double Prairie



Colonial

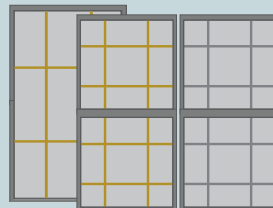
multiple configurations shown



Diamond

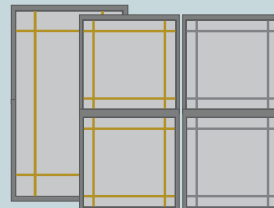
flat only

Brass or Nickel



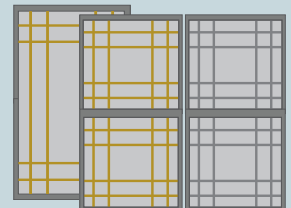
Colonial

brass & nickel



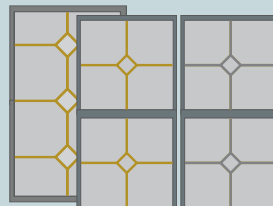
Prairie

brass & nickel



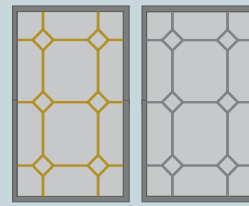
Double Prairie

brass & nickel



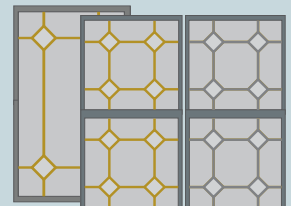
Diamond Middle

brass & nickel



Diamond Sides

brass & nickel



Diamond Corners

brass & nickel

Experience The Powerweld 1600 Series

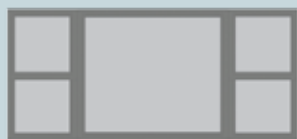
With Double Hungs, Picture Windows, And Bays



Double
Hung



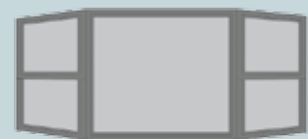
Twin Double
Hung Muller



Picture Window Unit
1/4 - 1/2 - 1/4
or
1/3 - 1/3 - 1/3



Triple Double
Hung Muller



Double Hung Bay
1/4 - 1/2 - 1/4
or
1/3 - 1/3 - 1/3

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