

2035 W. Alexis Rd.  
Toledo, Ohio 43613

[www.greenworksremodeling.com](http://www.greenworksremodeling.com)  
**419.474.6330**





# Table <sup>of</sup> Contents

company story

4

thermal performance

5

energy efficiency

6

8000 series

8

bay & bow

9

8000 patio

10

8000 options

11





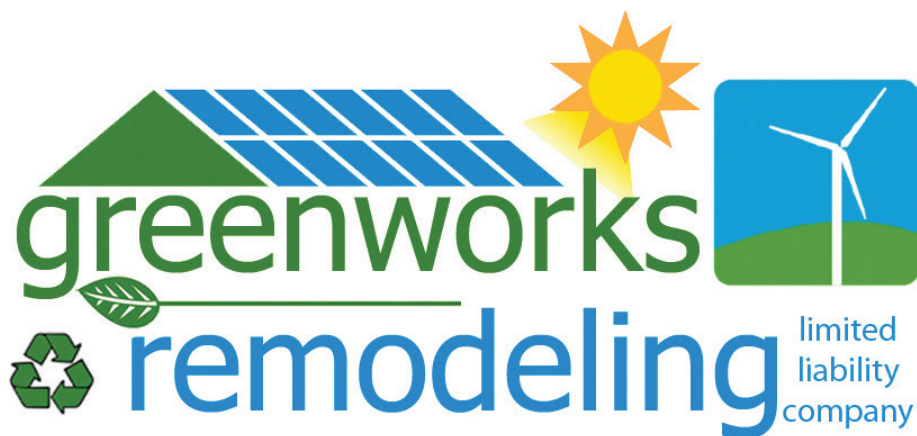




## About Us

Greenworks Remodeling is an industry leader in the production and management of residential remodeling, replacement and construction. We offer consumers the highest quality products and labor - at a fair price.

Our remodeling solutions are designed to make your home healthy, comfortable and efficient. At the same time, these projects are laid out to be cost effective and environmentally friendly.



our company



# Intercept® Stainless *with* Foam Fill

 -Most Efficient

## DOUBLE PANE

### Supreme²

| 8000             | U   | S   | V   | C  |
|------------------|-----|-----|-----|----|
| Double Hung      | .27 | .29 | .52 | 58 |
| Slider           | .27 | .29 | .52 | 59 |
| Picture          | .26 | .33 | .60 | 61 |
| Casement Picture | .26 | .30 | .55 | 62 |
| Casement         | .24 | .26 | .47 | 61 |
| Awning           | .25 | .26 | .47 | 57 |
| Patio            | .29 | .31 | .56 | 59 |

## TRIPLE PANE

### Supreme² Triple

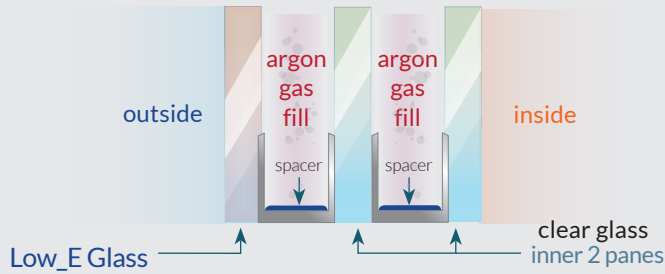
| U   | S   | V   | C  |
|-----|-----|-----|----|
| .22 | .27 | .48 | 65 |
| .23 | .27 | .47 | 65 |
| .20 | .31 | .55 | 69 |
| .21 | .28 | .50 | 70 |
| .20 | .24 | .43 | 67 |
| .20 | .24 | .43 | 68 |
| .26 | .29 | .51 | 62 |

### Ultimate²

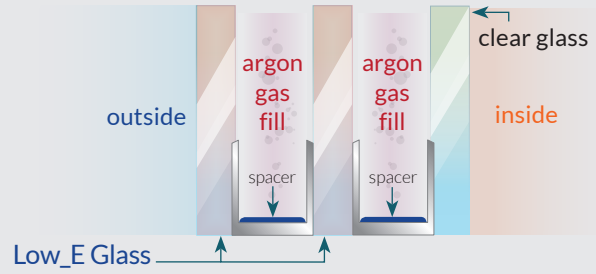
| U   | S   | V   | C  |
|-----|-----|-----|----|
| .18 | .23 | .41 | 69 |
| .19 | .23 | .41 | 70 |
| .16 | .26 | .47 | 75 |
| .16 | .24 | .43 | 76 |
| .16 | .21 | .36 | 73 |
| .16 | .21 | .36 | 73 |
| .21 | .25 | .43 | 62 |



## Supreme² Triple



## Ultimate²

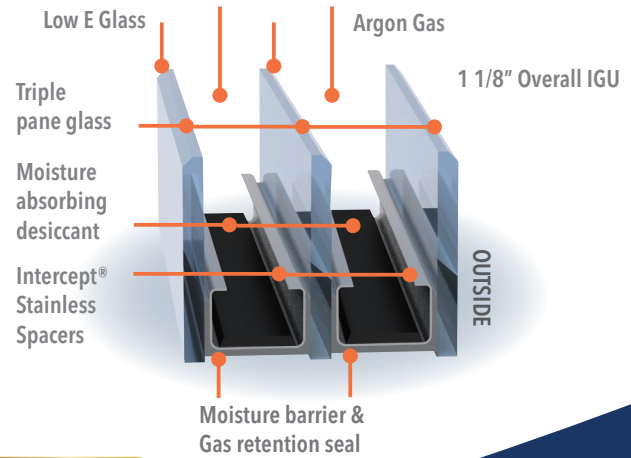



## Intercept® Stainless

The Strongest Choice.™

### SEALANT EFFECTIVENESS & GAS RETENTION

The sealant provides the moisture vapor barrier for the I.G. unit. The longer the transmission path, the slower the rate that moisture will travel into the unit through the seal. STAINLESS Steel is Impervious to gas transmission, improving gas retention and Maximizing the insulation value of your window over time. Intercept® Stainless offers one of the best transmission paths to maximize window performance.






Greenworks Remodeling  
Double Hung  
Foam Fill  
Intercept® Stainless  
Ultimate² with Argon


| ENERGY PERFORMANCE RATINGS |                             |
|----------------------------|-----------------------------|
| U-Factor (U.S./I-P)        | Solar Heat Gain Coefficient |
| <b>.18</b>                 | <b>.23</b>                  |

| ADDITIONAL PERFORMANCE RATINGS |  |
|--------------------------------|--|
| Visible Transmittance          |  |
| <b>.41</b>                     |  |

Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. www.nfrc.org



ENERGY STAR® Qualified  
In All 50 States



Manufacturer Stipulates Conformance to:  
NFRC 100/200/500  
AAMA/WDMA/CSA 101/I.S.2/A440-08

MFG Code: 213-1  
8400 Picture Window  
R-PG80-FW 1219x1219 (48x48)  
R-PG50-FW 1905x1905 (75x75)

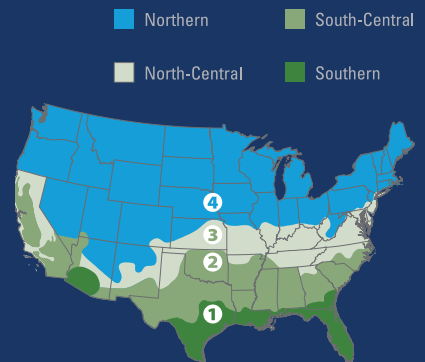
NFRC  
POL-M-39



**Most Efficient  
2019**  
www.energystar.gov

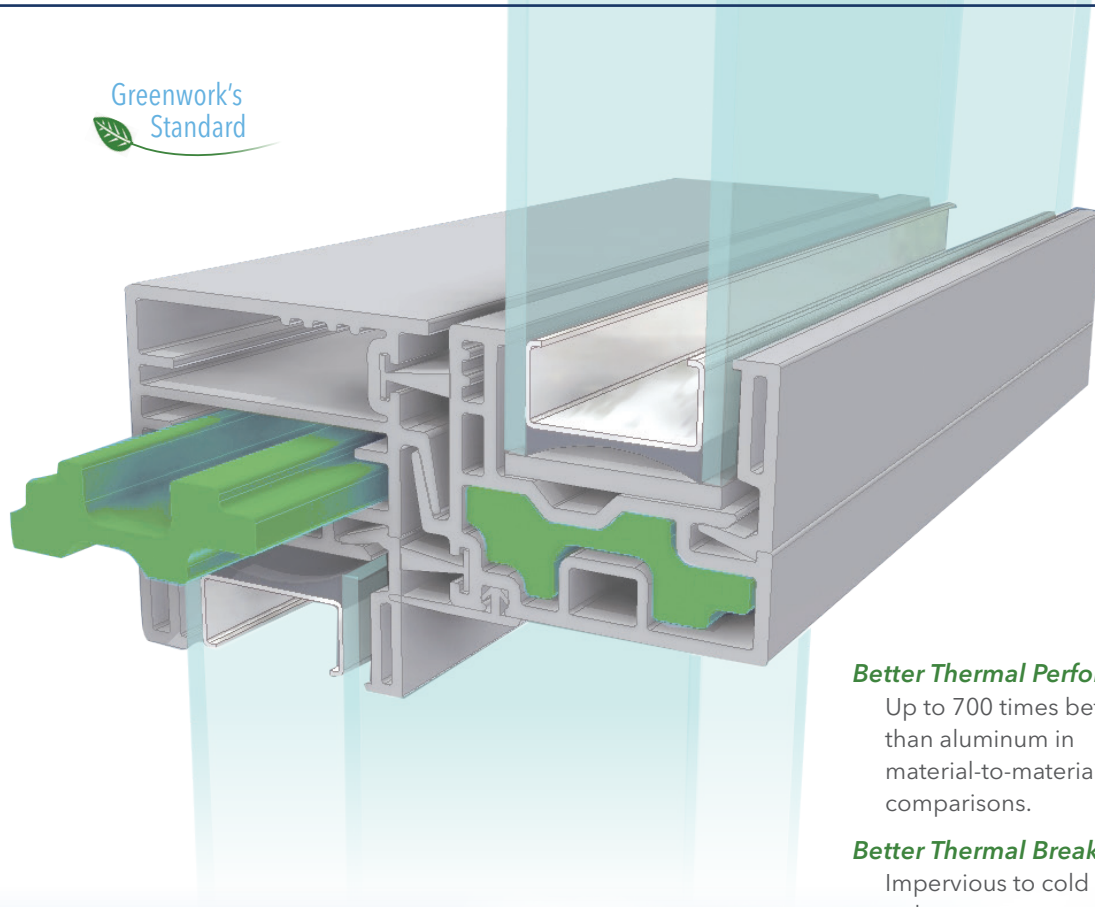
Recognized  
as the  
Most Efficient  
of ENERGY  
STAR 2019

| Climate Zone  | U-Factor | SHGC  |
|---------------|----------|-------|
| Northern      | 0.27     | ANY   |
| North-Central | 0.30     | ≤0.40 |
| South-Central | 0.30     | ≤0.25 |
| South         | 0.40     | ≤0.25 |



# thermal performance





## **INERGY™**

**Rigid Thermal Reinforcements**

Innergy is the innovative, energy-efficient alternative to aluminum. Rigid Thermal Reinforcements are advanced fiberglass reinforced resin inserts, designed to slide easily into window and door frame chambers for greater support and insulation.

### **Better Thermal Performance**

Up to 700 times better than aluminum in material-to-material comparisons.

### **Better Thermal Break**

Impervious to cold or heat.

### **Better protection against condensation**

Helps prevent staining that can occur with metal reinforcements.

### **Better flexibility**

Will not permanently set when impacted.



energy efficiency



## OUR WINDOW

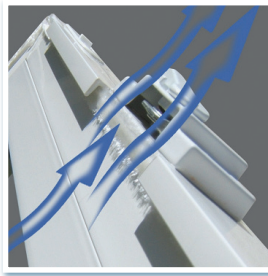
### *Continuous Interlock*

Meeting rails join with a continuous over & under interlock.

Condensation and air infiltration are reduced. Many competitors notch-out lock area, sacrificing performance.



## THEIR WINDOW



### *Separate extrusion for Head of Window*

Twice as much sash & frame overlap when closed.

Reduced air infiltration.

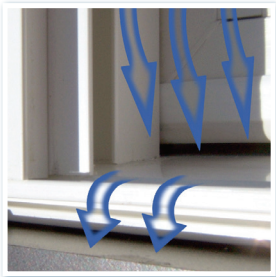
## OUR WINDOW



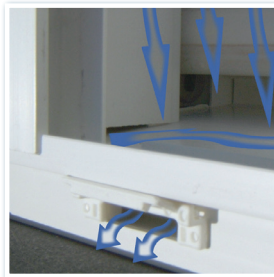
## THEIR WINDOW



## OUR WINDOW



## THEIR WINDOW

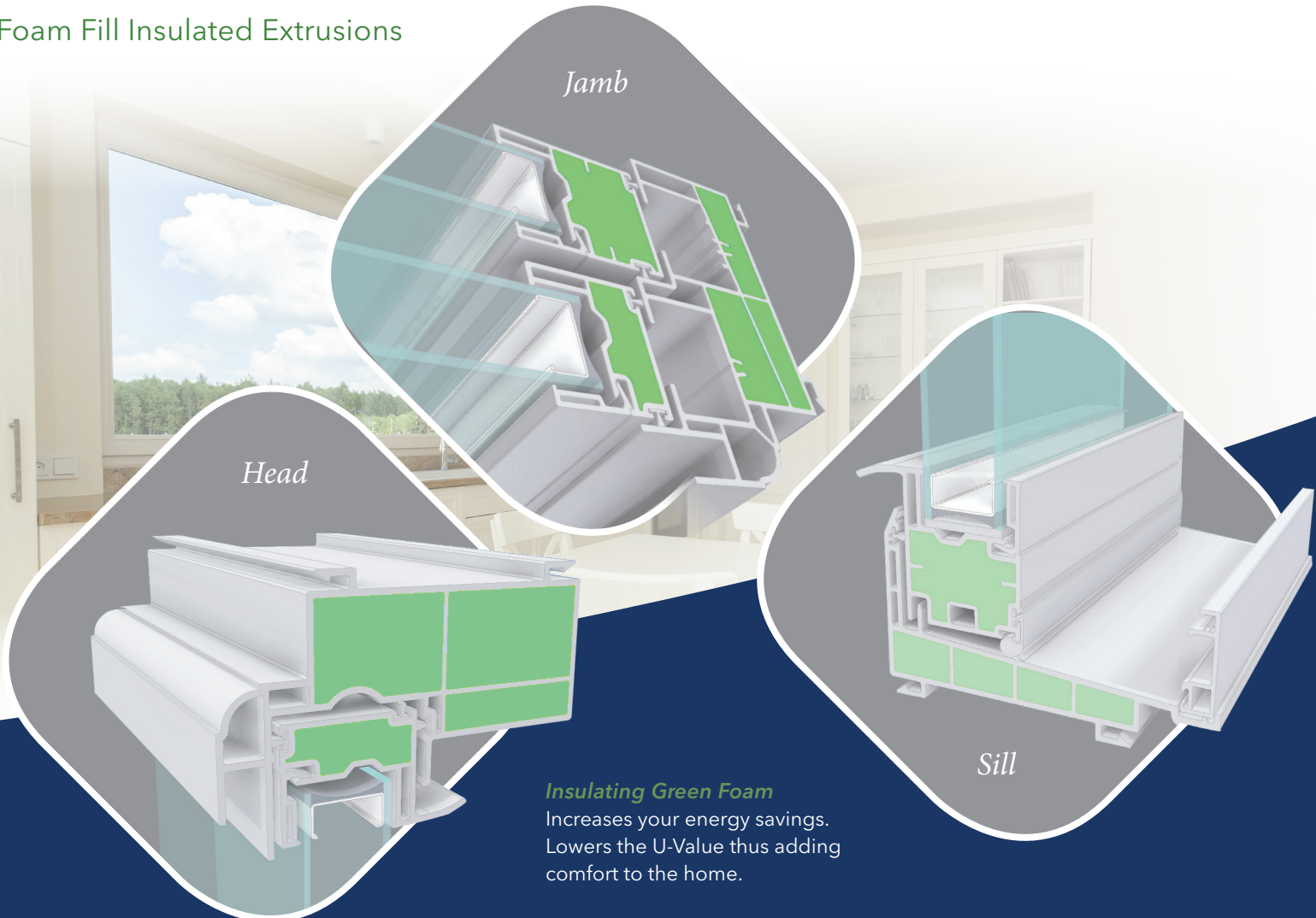


### *True Sloped Sill*

Rain runs straight off the sloped sill away from the home. No weep holes to clog.

A poor design filters rain run-off through the window extrusion and out weep holes. Weep holes may clog.

## Foam Fill Insulated Extrusions



*Jamb*

*Head*

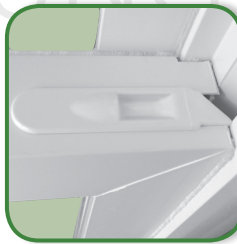
*Sill*

### *Insulating Green Foam*

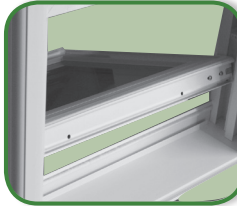
Increases your energy savings. Lowers the U-Value thus adding comfort to the home.



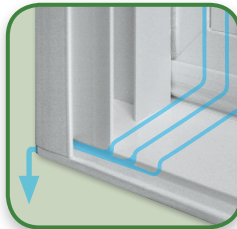
# DOUBLE HUNG



*Tilt Latches have an updated look. Smoother operation, and better performance.*



*Higher sill dam (1/4")  
Groove in bottom of sash for vinyl "fin" (just inside inner sill dam) to lock into. Creating a secure fit.*



*True Sloped Sill water moves away from home, no external weep holes to clog.*



## Vinyl

Our maintenance-free vinyl retains its color and smooth surface. Vinyl is not a thermal conductor. Multi-chamber extrusions are strong and provide additional insulation. Fusion Welded Vinyl Corners create strong, seamless frame and sash units.

## Double Hung

Lift Rails are part of the sash extrusion. They will not snap off. Innergy reinforced meeting rail is standard.

# CASEMENT



## Casement

Casement multi-point lock secures in up to four places. Clean casements from inside your home. Hinged side of sash slides away from frame when opened 90°.

## Casement & Awning

Handle folds into operator cover of casement and awning. Awning and casement stop air infiltration with triple seal.

# GLIDER



## Glider • 2 & 3 Lite

Sash removes from the inside for easy cleaning. Sash with full length pull rails glide easily on brass rollers. Sash rails meet with continuous interlock which reduces air infiltration. Innergy reinforced interlock is standard.

# 8000 series



# BAY



4 Lite Bay with casing, stain & lighting options.

## Options

- Hip roof to accept shingles
- Hip or concave aluminum roof in 29 colors
- Hip or concave copper roof
- Stain & lacquer interior to match oak wood grain windows
- White or beige paint & lacquer interior
- White or beige plastic laminate seat
- Insulated seat
- 1-3 recessed lights, clear lenses, white or brushed nickel trim rings



3 Lite Bay with Concave Copper Roof option.



Bay with Hip Copper Roof option.

## Features

Timberstrand® engineered wood support system between windows is stronger than ordinary wood.

Maintenance-free clad exterior white or tan vinyl or painted aluminum. Standard birch, optional oak interior. Hanging cable system, optional knee braces.



**Bay** - picture window flanked by two operable windows: double-hung or casement.

**Bow** - all windows same size picture windows flanked by two operable windows, usually casement

# BOW



5 Lite Bow with Hip Roof option.

## Recessed Lighting

Clear lens • 1, 2 or 3 lights, low voltage halogen bulb[s] & transformer included



Polished brass, brushed nickel or white

ALL COLOR &  
GLASS OPTIONS

bay & bow



## Features & Benefits

Fusion-welded door panel corners and frame top for a strong, seamless door.

Our vinyl formulation retains its color and smooth surface.

Vertical main frame and door panel reinforced with aluminum.

Foam filled, vertical main frame adds strength and insulating performance.

Over/Under interlock and double weather-stripping where door panels meet.

## Pet Screen

- Resists damage by dogs and cats
- Excellent outward visibility
- Made of strong vinyl-coated polyester
- Not harmful to pets
- Easy to install



Sliding door panel and main frame meet with triple weather-stripping.

Sloped, aluminum-reinforced sill guides rain water outside and away.

Safety glass.

Sturdy, extruded, aluminum screen frame in white, tan or brown.

Standard fiberglass mesh.

Optional aluminum or pet mesh.

## 3 Point, Multi-Point Lock Security Upgrade

When door contacts frame, steel hooks automatically lock at two additional points along the frame.

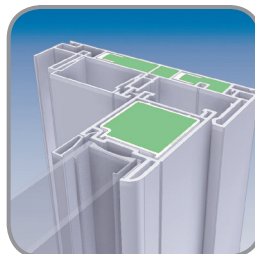


Solid-steel, zinc-plated tandem rollers glide smoothly. Corrosion resistant Iridium coating.

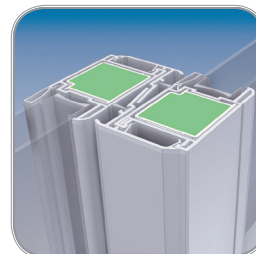
Foot-operated lock provides an extra lock point allowing for partial opening for secure ventilation.

LIFETIME LIMITED TRANSFERRABLE WARRANTY

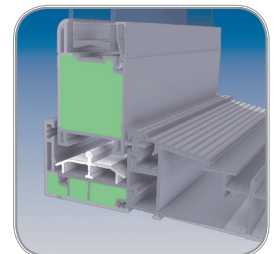
## Foam Filled Main Frame



Jamb Standard



Main Frame



Sill

## Morticed Hook Locks

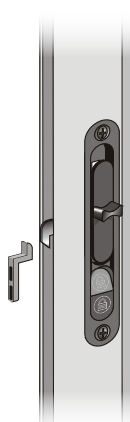


Two point\*



Standard single point

## Morticed Screen Handle



1580 lock

## Handle Sets



Satin Nickel



Polished Brass\*



Antique Brass\*



Aged Bronze\*



Tan\*



White\*



Standard on Woodgrains

\*Options

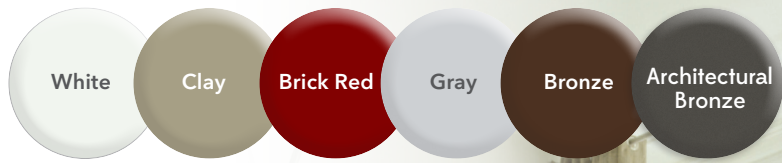
# 8000 patio



### Vinyl Colors



### Exterior Paint



### Interior Woodgrains\*



N/A Brown Vinyl

20 Year Warranty against fading • peeling • cracking



### Internal Grids & Decorative Glass\*

Colonial, Prairie, Double Prairie: Flat, Contour, Brasses, View glass  
Diamond: Flat & View glass only



Colonial Flat   Diamond Flat   Colonial Antique Brass   Satin Nickel   Colonial Contour   Colonial Slimline Brass   Colonial View   Diamond View   Floral View



Elongated Floral View   Prairie View   Double Prairie View   Contour Prairie Style   Double Prairie Style Flat   Obscure Glass   Glue Chip   Rain Glass

### Screen Options



Greenwork's  
Standard

#### BetterVUE® Screen Mesh Better Insect Screen

- 10% Better Insect Protection
- 20% Better Airflow
- 20% Clearer View



#### Standard Screen Mesh

- Sight more obstructed
- Less Airflow than BetterVue Screens
- Proven and Reliable

\*Also available in Pet Screen

### Plated Lock Finishes\*

Available in the Double Hung, Slider, Three-Lite Slider and Casement Windows.

Greenwork's  
Standard



Satin Nickel



Bright Brass\*



Antique Brass\*

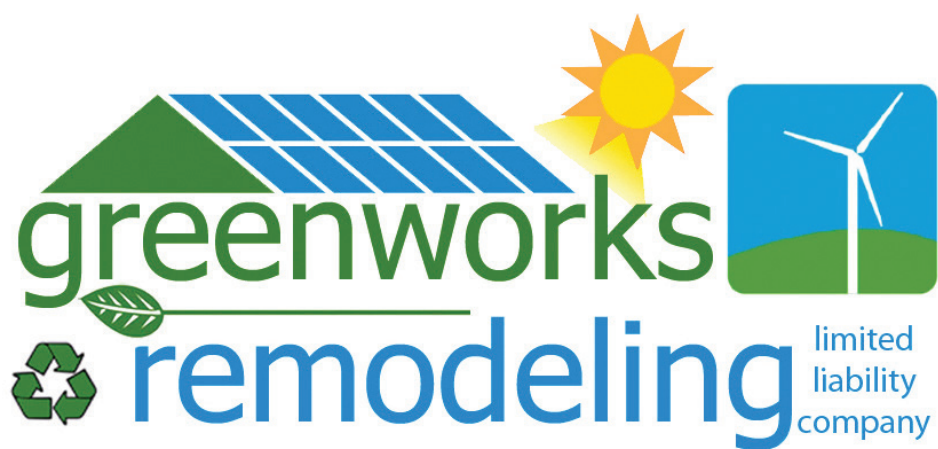


Aged Bronze\*

\*Options

# 8000 options





2035 W. Alexis Rd.  
Toledo, Ohio 43613

[www.greenworksremodeling.com](http://www.greenworksremodeling.com)  
419.474.6330

