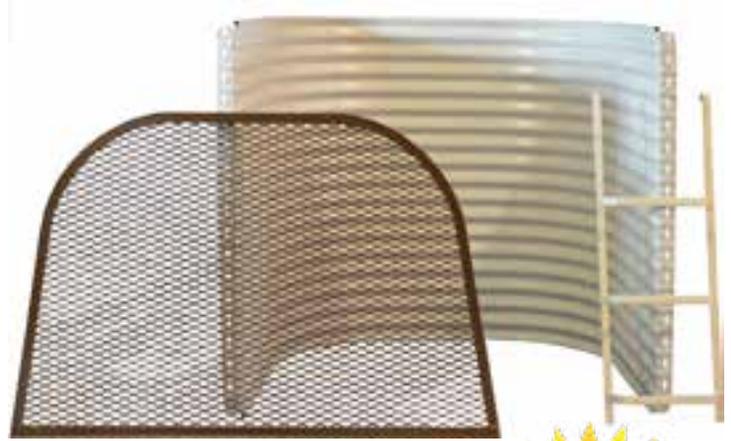
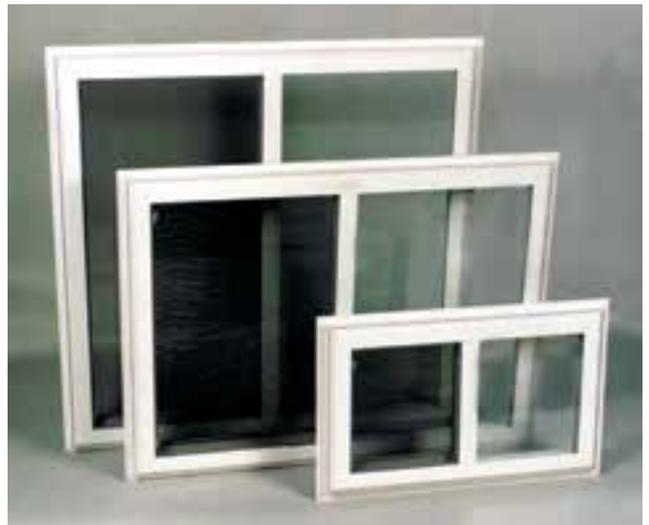


Made in the  
U.S.A.



# Simply Egress Solutions™

**Simply Egress Solutions™ has a Complete System  
for Your Egress Window Needs**



**Bringing Sunlight, Safety and Security  
to Basements Nationwide!**



## SES Basement Window Systems

The SES Cast in Place (CIP) Basement Window system allows the entire frame and basement window to be poured in place. It does not require a reusable aluminum window buck and eliminates the need to return for a window install. OSB board and polystyrene protect the basement window frame and glass during the construction process, and provides a full face nailer to secure either wood or aluminum forms. Our CIP window area well anchors simply snap on the outside edge of the vinyl window frame and are poured with the window. As the forms are stripped the aluminum anchor remains in the wall allowing the area well to be bolted into place with standard bolts which are included. These anchors allows easy placement of the area well without drilling or nailing into the concrete, saving both time and money!

The SES Cavity Vinyl Basement Window system has the easiest after pour installation on the market. It can be used with wood or aluminum forms. It does not require a poured in place frame of any kind. This eliminates the possibility of the window frame being damaged during the flatwork pour and all of the cost that go along with it. It also prevents the possibility of the frame being put in backwards or upside down. Our SES Cavity Basement windows are specially designed to work with our window bucks which have a 7/8" offset in the wall opening. The offset, combined with the window flange, creates a positive seal against water infiltration. Both the single and double glazed window will fit into the same opening. This enables the home builder to determine the style of window right up to the time of closing the home. The area wall anchor attaches to the pouring buck before it's placed into the wall. When the buck is stripped, the aluminum anchor remains in the wall allowing the area wall to be bolted into place with standard bolts (which are included with the anchor). The anchor allows easy placement of the area wall without drilling or nailing in the concrete saving both time and money.

## Industries that benefit from SES Vinyl Basement Window Systems

### Concrete Contractors

With SES Vinyl Basement Window Systems you have the opportunity to generate additional sales revenue by offering various options as a standard package or an affordable upgrade to your builder and home buyer. Our Simply Egress Solutions cavity windows have the easiest after pour installation on the market. It does not require a poured in place frame of any kind. This eliminates the possibility of the basement window being damaged during the flat work pour and all of the cost that go along with it.

The SES CIP Vinyl Basement Window allows the entire frame and the basement window to be poured in place. OSB board and polystyrene protect the basement window frame and glass during the construction process. It remains in place until the contractor or home owner are ready to remove it by following the simple instructions. Either of these windows, combined with either a Marshall or Rockwell area well, grate and ladder, will allow for more natural light and ventilation and will provide an excellent way to meet your local basement egress window requirements.

With our many SES Systems you can provide the ability to market up to the twice the livable space at a fraction of the cost of conventional construction. Our systems meets and exceeds basement egress requirements, are made in the U.S.A. and are available nationwide.

### Architects

If the design plan calls for egress our SES Window System is your solution. We can provide multiple design standards which allow you to create additional livable space. Designs can be customized for your customer rather than being limited by low quality products. Available nationwide, our window systems meet and exceed all IRC codes pertaining to egress, and are made in the U.S.A.

### Remodelers

SES offers multiple window systems for both concrete and masonry basements. We offer many cost effective solutions to meeting egress as well as the added value to the home owner of utilizing the basement as livable space with more natural light and ventilation.

### Home Owners

As a home owner, finishing off the basement not only increases the livable space of your home, it also increases the value of your home. SES Window Systems can bring light and life to an otherwise dreary basement. Available nationwide our window systems meet and exceed all IRC codes pertaining to Egress, and are made in the U.S.A.

### Builders

Overall cost and livable space are among the top factors in a home buyers purchase decision. By including SES Window Systems during new construction you have ability to provide the home owner a way of utilizing the basement as livable space, as well as more natural light and ventilation. This will also increase the overall value of the home. Our systems meet and exceed basement egress requirements, are made in the U.S.A. and are available nationwide.

## Intercept Spacer System

The Intercept Spacer System features a unique, one-piece, tin-plated or stainless steel, U-channel design that creates an effective thermal barrier to help reduce conducted heat loss through the window. Its sealed, one-piece design makes Intercept spacers stronger and better at retaining insulating gas than many conventional designs.



### Patented U-shape construction makes windows last longer.

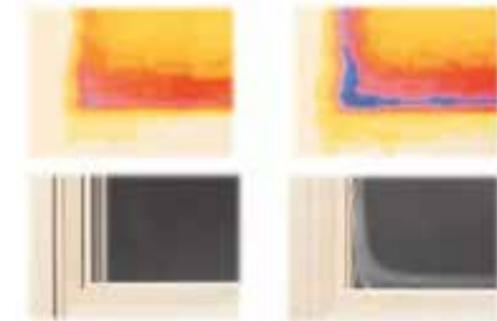
Insulating glass units expand and contract with temperature changes. Conventional spacers rely on the sealant to take the stress of the flexing. This leads to seal failure and insulating gas or air loss. Intercept's U-shape channel flexes instead of the sealant—durably and enduringly. No load on the sealant virtually eliminates seal failures which keeps your windows performing longer, saving energy, and keeping your home comfortable.

### Best retention keeps the gas or air in the windows.

All windows transmit at least tiny amounts of moisture vapor through the material around the edge seal. But the longer the path, the better and longer the seal protection. Intercept has the industry's longest vapor transmission (MVT) path by up to 50%. Combined with our exclusive corner technology, this virtually eliminates seal failure and gas or air loss.

### Superior warm-edge performance.

Intercept Spacer minimizes condensation and keeps the edges of window glass warmer than a conventional spacer. Its special metal alloy and continuous one-piece "U" construction are why. This results in windows with higher R-Values that save energy and keep your rooms more comfortable in both cold and warm weather. Introduced over a decade ago by PPG Glass Technologies, Intercept has proven superior in over 600 million glass units in North America.

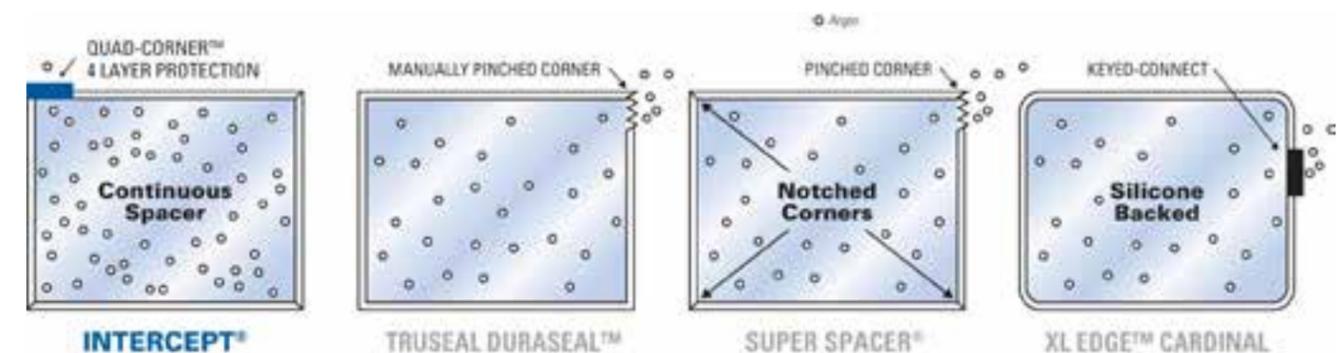


### Straightest and most secure grids for beautiful windows.

Straightest and most secure grids for beautiful windows. With Intercept, you just won't see grids that have shifted or don't match up from one window to the next. As part of Intercept's exclusive manufacturing process, grids are made consistently to match precisely, and they're uniquely locked in place. Plus, Intercept spacers are specially recessed below the sightline. All you'll ever see are beautiful windows, for years and years.

### Strongest Corner with four layers of protection.

Strongest Corner with four layers of protection. Spacers that utilize foam or have seams are just destined to leak gas out of their corners. Not only is Intercept a continuous one-piece spacer, it features our patented web corner system and exclusive four layers of protection. No one puts more technology into protecting the seal all the way around the glass to bring you assured, long-lasting window energy performance.



## SES Cast In Place

### Size Information for Cast In Place Basement Window

| Size  | Rough Opening Size | Light Surface (W x H)x2 | Light Surface (S.F.) | Vent Surface (W x H) | Vent Surface (S.F.) |
|-------|--------------------|-------------------------|----------------------|----------------------|---------------------|
| 32X16 | 31 7/8" x 16"      | 9 1/2" x 12"            | 1.58                 | 12 3/16" x 10 7/8"   | 0.92                |
| 32X20 | 31 7/8" x 20"      | 13 1/2" x 12"           | 2.25                 | 11 7/8" x 15 1/8"    | 1.24                |
| 32X24 | 31 7/8" x 24"      | 17 1/2" x 12"           | 2.92                 | 12 3/16" x 18 7/8"   | 1.60                |

Available for nominal or full wall thickness of 8", 9", 10", and 12".

## SES Egress Cast In Place

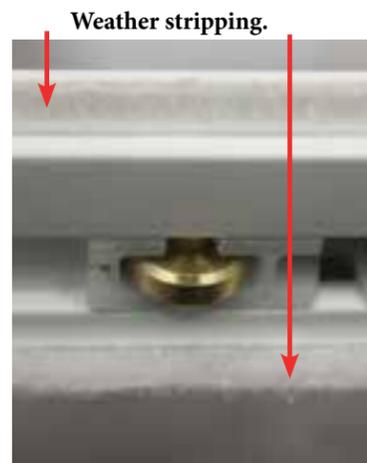
### Size Information for Cast In Place Basement Window

| Size  | Rough Opening Size | Light Surface (W x H)x2 | Light Surface (S.F.) | Vent Surface (W x H) | Vent Surface (S.F.) |
|-------|--------------------|-------------------------|----------------------|----------------------|---------------------|
| 48X48 | 47 7/8" x 47 7/8"  | 20 1/8" x 41 1/2"       | 11.60                | 20 3/16" x 42 3/4"   | 5.99                |
| 60X48 | 59 7/8" x 47 7/8"  | 26 1/8" x 41 1/2"       | 15.06                | 25 3/16" x 42 3/4"   | 7.48                |
| 60X60 | 59 7/8" x 59 7/8"  | 26 1/8" x 53 1/2"       | 19.41                | 25 3/16" x 54 3/4"   | 9.58                |

Available for nominal or full wall thickness of 8", 9", 10", and 12".



Full OSB board reinforcement, to resist concrete pressure deflection, provides a full-face nailer capability to secure to forms and protects the sash and screen during the pour. Tie slots, located 3" on center, provide easy placement of the window when using a flat tie system. Multilingual labeling designating top and bottom.



Weather stripping.



Brass sash rollers.

Durable metal locking system.

## SES Cast In Place Technical Information

### Vinyl Basement Window Testing and Performance

The Simply Egress Solutions Cast In Place Vinyl Basement Window has been tested in compliance with NFRC 100, 200, 300, 400 and 500 criteria. Clear glass/Air/Clear glass (clear CIP window) performs to a .45 U factor as tested by NFRC with Solar Heat Gain Coefficient of .59, Visible Transmittance of .62, Condensation Resistance of 42. **CS36 Low-E Glass/Argon/Clear (Low-E Argon filled CIP window) is available and performs to a U-factor of .28 as tested by the NFRC with Solar Heat Gain Coefficient of .36, Visible Transmittance of .54, Condensation Resistance of 56.**

### Sliding Sash

The sliding sash is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .075" on the pull handle to .050" on the interior walls. The sash is welded on all four corners to ensure a rigid and accurate sash that matches perfectly with the frame construction. **Anti-corrosive, dual brass roller assemblies allow finger tip control for opening and closing the sash and provides years of trouble free performance.** Integral interlocking webbing on the sash and meeting rail ensure a positive interlock in the center of the window further enhancing security and thermal performance.

### Main Frame

The main frame is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .060" on the exterior walls to .045" on the interior walls. It provides an excellent thermal barrier against all types of climate conditions. Our high tech, four head welding line provides an all welded construction. This allows accurate product sizing, quality, and it guarantees a leak proof corner. Our unique heavy-duty dual wall exterior flange provides an aesthetically appealing appearance. **Frame sizes are available in 32"x16", 32"x20", 32"x24", 48"x48", 60"x48", and 60"x60" for nominal or full wall thickness of 8", 9", 10", and 12".**

### Sill Riser

Constructed of rigid PVC extrusion with a wall thickness of .060", the vinyl basement slider sill riser provides the basis for our aesthetically pleasing, equal light, glass panel design between the fixed and the sliding sash. The design utilizes a solid, snap fit leg construction to avoid shipping damage or loss. **This design also allows for unobstructed drainage clearance under the sash panel.**

### Fixed Meeting Rail

The fixed meeting rail is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .060" on the exterior walls and .050" on the interior walls. It is then reinforced with a mullion stiffener which provides a very rigid center post that does not twist or deflect with larger size window openings. **The rail is attached to the main frame with four 2-1/2" long anti-corrosive stainless steel screws. It also contains an integral channel with a built in catch slot which receives the lock sweep mechanism enhancing security and thermal protection.**

### Glazing

**An insulated glass package designed with a 3/4" overall thickness, utilizing the INTERCEPT spacer system, provides the ultimate in "Warm Edge" spacer technology.** The glass assembly is built in our own high-tech window manufacturing facility on the INTERCEPT Roll Forming System from GED. We are pleased to provide our customers with the highest quality glazing on the market today. The main frame and sliding sash are glazed with a continuous bead of high quality silicone adhesive, which is applied by robots for accuracy and consistency.

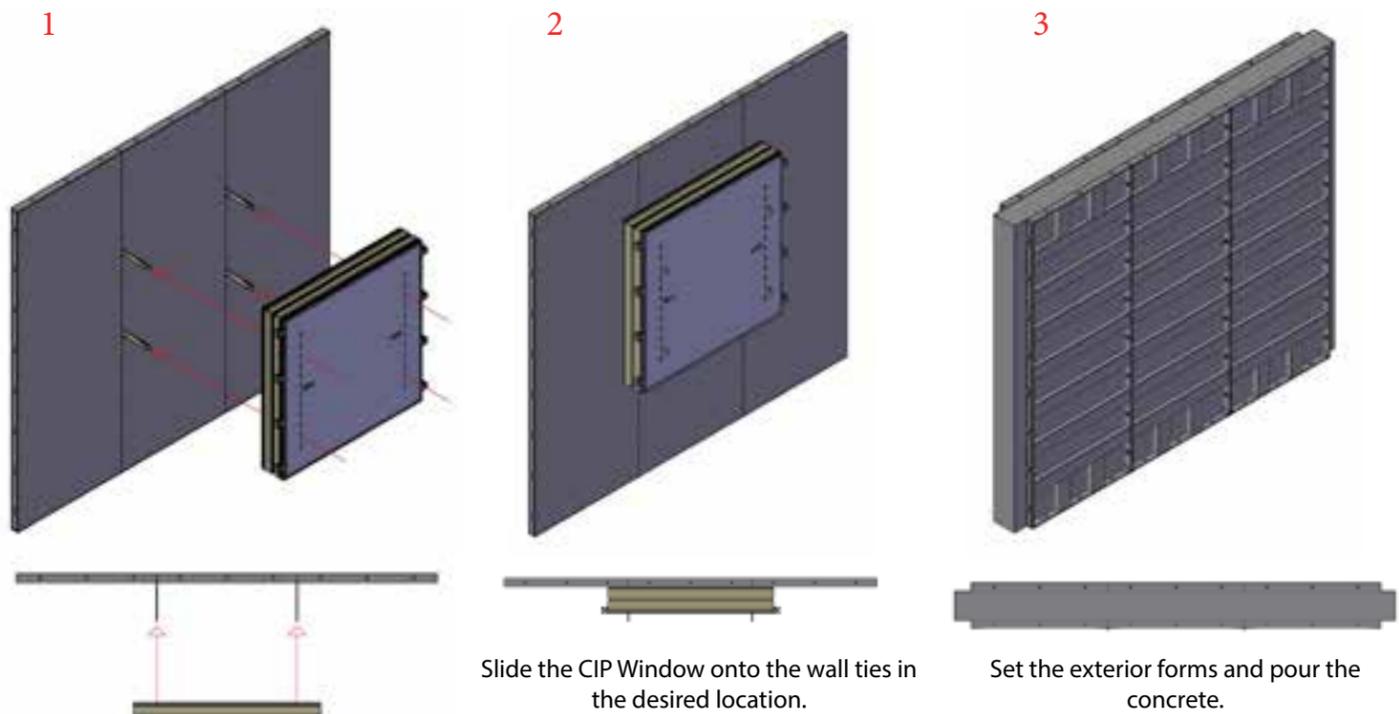
### Weather Stripping

To provide a thermal barrier against all climate conditions, the hinged sash is equipped with strips of fin seal weather stripping.

### Optional Grid System (Muntin)

**Simply Egress Solutions uses the INTERCEPT spacer system on all of its insulating glass units. This allows an optional grid system that prevents grid shifting or grids that don't match up from one window to the next.** As part of Intercept's exclusive manufacturing process, grids are made consistently to match precisely, and they're uniquely locked in place. Plus, Intercept spacers are specially recessed below the sight line. All you'll ever see are beautiful windows, for years and years.

## Cast In Place Window Installation into the Forms



Snap CIP Window Well Anchors in the outside edge of the CIP frame (see photo below). Set the interior forms and align the CIP Window with the wall ties.

CIP Window Well Anchor

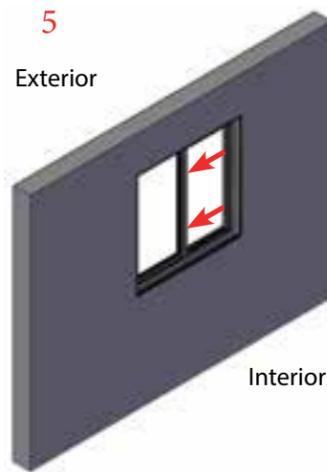
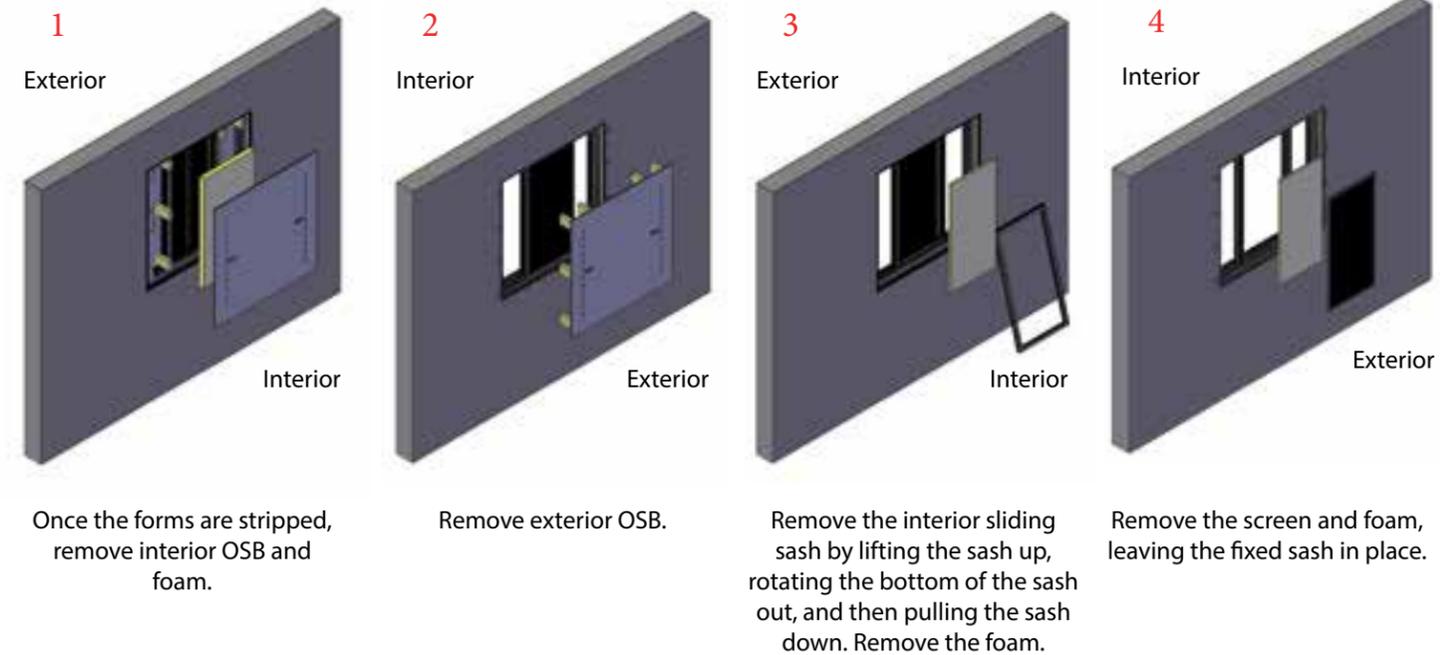


Multiple exterior keyways to lock the window into the concrete.

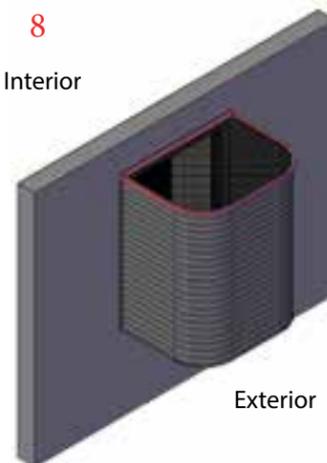
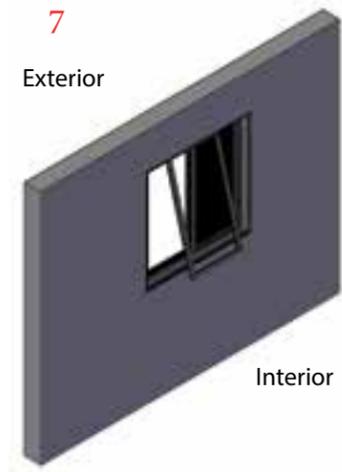
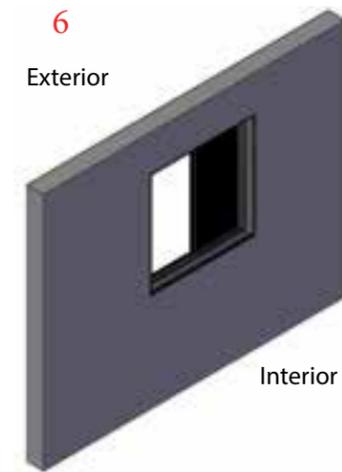


CIP windows can be used with wood or aluminum forming systems.

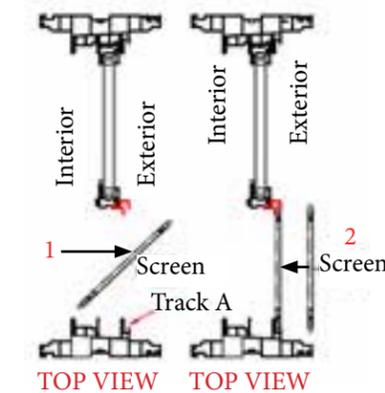
## Cast In Place Window Assembly



From the interior of the building, slide the fixed sash and the screen retainer to the left as far as possible.

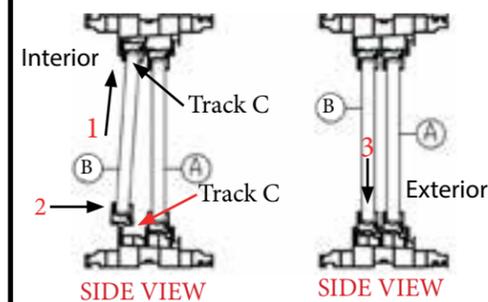


Install the area well, the area well ladder, and the safety grate.



(1) Install the screen by passing the screen through window opening to the exterior.

(2) With screen plungers facing toward the interior, pull the screen into place and lock the screen plungers into Track A.



(1) Reinstall the sliding sash by pushing the top of Sash B into top of Track C making sure the window latches are located on the interior, left side and the rollers are located at the bottom.

(2) Lift Sash B and rotate bottom of Sash B over Track C.

(3) Lower the bottom of Sash B into the bottom of Track C.

## SES Cavity Double Glazed Slider

### Size Information for Double Glazed Vinyl Basement Slider Window

| Size  | Rough Opening Size | Light Surface (W x H)x2 | Light Surface (S.F.) | Vent Surface (W x H) | Vent Surface (S.F.) |
|-------|--------------------|-------------------------|----------------------|----------------------|---------------------|
| 32X15 | 32 3/8" x 15 7/8"  | 12 3/8" x 10 3/4"       | 1.85                 | 12 3/16" x 10 5/16"  | 0.87                |
| 32X19 | 32 3/8" x 19 7/8"  | 12 3/8" x 14 3/4"       | 2.54                 | 12 3/16" x 14 5/16"  | 1.21                |
| 32X23 | 32 3/8" x 23 7/8"  | 12 3/8" x 18 3/4"       | 3.22                 | 12 3/16" x 18 5/16"  | 1.55                |
| 36X48 | 35 7/8" x 47 7/8"  | 14 1/8" x 42 3/4"       | 8.39                 | 13 13/16" x 42 5/16" | 4.06                |
| 36X60 | 35 7/8" x 59 7/8"  | 14 1/8" x 54 3/4"       | 10.74                | 13 13/16" x 54 5/16" | 5.21                |
| 48X36 | 47 7/8" x 35 7/8"  | 20 1/8" x 30 3/4"       | 8.60                 | 19 13/16" x 30 5/16" | 4.17                |

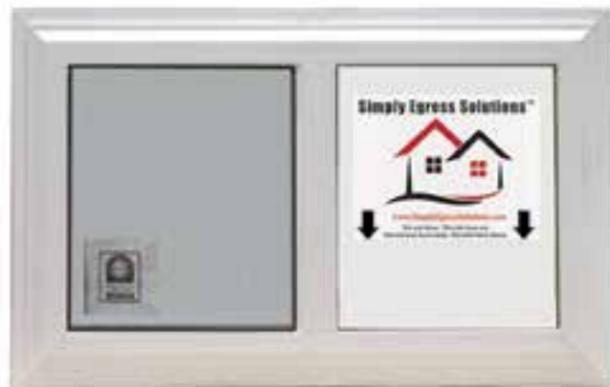
## SES Cavity Egress Double Glazed Slider

### Size Information for Double Glazed Vinyl Basement Egress Slider Window

| Size  | Rough Opening Size | Light Surface (W x H)x2 | Light Surface (S.F.) | Vent Surface (W x H) | Vent Surface (S.F.) |
|-------|--------------------|-------------------------|----------------------|----------------------|---------------------|
| 48x48 | 47 7/8" x 47 7/8"  | 20 1/8" x 42 3/4"       | 11.95                | 19 13/16" x 42 5/16" | 5.82                |
| 48x60 | 47 7/8" x 59 7/8"  | 20 1/8" x 54 3/4"       | 15.30                | 19 13/16" x 54 5/16" | 7.47                |
| 60x36 | 59 7/8" x 35 7/8"  | 26 1/8" x 30 3/4"       | 11.16                | 25 13/16" x 30 5/16" | 5.43                |
| 60x48 | 59 7/8" x 47 7/8"  | 26 1/8" x 42 3/4"       | 15.51                | 25 13/16" x 42 5/16" | 7.58                |
| 60x60 | 59 7/8" x 59 7/8"  | 26 1/8" x 54 3/4"       | 19.87                | 25 13/16" x 54 5/16" | 9.74                |
| 72x48 | 71 7/8" x 47 7/8"  | 32 1/8" x 42 3/4"       | 19.07                | 31 13/16" x 42 5/16" | 9.35                |

### Egress Code

The SES 48" x 48" double glazed slider window conforms to most Egress criteria. With the sash opened, but not removed, there is a 20" x 42-13/16" opening, providing 5.95 square feet with a clear opening of 20" wide. Please check with your local building codes for required sizes and placement. For the latest International Residential Codes regarding egress please visit our website at [SimplyEgressSolutions.com](http://SimplyEgressSolutions.com).



Available in Almond Color

## SES Cavity Double Glazed Slider Technical Information

### Testing and Performance

The Simply Egress Solutions Double Glazed Slider Vinyl Basement Window has been tested at a Grade HS-R25 with an air infiltration rating of ASTM E283 and a water resistance of ASTM E547. The Cavity Vinyl Basement Window has been tested in compliance with NFRC 100, 200, 300, 400 and 500 criteria. The Simply Egress Solutions Double Glazed Cavity Vinyl Basement Slider Window performs to a .49 U-factor as tested by NFRC with Solar Heat Gain Coefficient of .63, Visible Transmittance of .65, Condensation Resistance of 43. **CS36 Low-E glass and argon fill is available which has a U-factor of .31 as tested by the NFRC with Solar Heat Gain Coefficient of .39, Visible Transmittance of .57, Condensation Resistance of 56.**

### Sliding Sash

The sliding sash is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .075" on the pull handle to .050" on the interior walls. The sash is welded on all four corners to ensure a rigid and accurate sash that matches perfectly with the frame construction. **Anti-corrosive, dual brass roller assemblies allow finger tip control for opening and closing the sash and provides years of trouble free performance.** Integral interlocking webbing on the sash and meeting rail ensure a positive interlock in the center of the window further enhancing security and thermal performance.

### Main Frame

The main frame is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .060" on the exterior walls to .045" on the interior walls. It provides an excellent thermal barrier against all types of climate conditions. **Our high tech, four head welding line provides an all welded construction. This allows accurate product sizing, quality, and it guarantees a leak proof corner.** Our unique heavy-duty dual wall exterior flange provides an aesthetically appealing appearance.

### Sill Riser

Constructed of rigid PVC extrusion with a wall thickness of .060", the sill riser provides the basis for our aesthetically pleasing, equal light, glass panel design between the fixed and the sliding sash. The design utilizes a solid, snap fit leg construction to avoid shipping damage or loss. **This design also allows for unobstructed drainage clearance under the sash panel.**

### Fixed Meeting Rail

The fixed meeting rail is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .060" on the exterior walls and .050" on the interior walls. It is then reinforced with a mullion stiffener which provides a very rigid center post that does not twist or deflect with larger size window openings. **The rail is attached to the main frame with four 2-1/2" long anti-corrosive stainless steel screws. It also contains an integral channel with a built in catch slot which receives the lock sweep mechanism enhancing security and thermal protection.**

### Glazing

**An insulated glass package designed with a 3/4" overall thickness, utilizing the INTERCEPT spacer system, provides the ultimate in "Warm Edge" spacer technology.** The glass assembly is built in our own high-tech window manufacturing facility on the INTERCEPT Roll Forming System from GED. We are pleased to provide our customers with the highest quality glazing on the market today. The main frame and sliding sash are glazed with a continuous bead of high quality silicone adhesive, which is applied by robots for accuracy and consistency.

### Weather Stripping

To provide a thermal barrier against all climate conditions, the movable sash and the meeting rail are equipped with strips of fin seal weather stripping. The top and bottom sash rails and the interlocking edge of the meeting rail utilize a .200" high pile inserted on each style member. **Virtually all potential draft points have been eliminated.**

### Optional Grid System (Muntin)

**Simply Egress Solutions uses the Intercept Spacer System on all of its insulating glass units. This allows an optional grid system that prevents grid shifting or grids that don't match up from one window to the next.** As part of Intercept's exclusive manufacturing process, grids are made consistently to match precisely, and they're uniquely locked in place. Plus, Intercept spacers are specially recessed below the sight line. All you'll ever see are beautiful windows for years and years.



## SES Cavity Single Glazed Slider

| Size  | Rough Opening Size | Light Surface (W x H)x2 | Light Surface (S.F.) | Vent Surface (W x H) | Vent Surface (S.F.) |
|-------|--------------------|-------------------------|----------------------|----------------------|---------------------|
| 32X15 | 32 3/8" x 15 7/8"  | 12 7/8" x 11 5/8"       | 2.08                 | 12 5/16" x 11 1/16"  | 0.95                |
| 32X19 | 32 3/8" x 19 7/8"  | 12 7/8" x 15 5/8"       | 2.79                 | 12 5/16" x 15 1/16"  | 1.29                |

### Sliding Sash

The sliding sash is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .075" on the pull handle to .050" on the interior walls. **The sash is screwed by hand on all four corners to ensure a rigid and accurate sash that matches perfectly with the frame construction and allows finger tip control for opening and closing the sash which provides years of troublefree performance.** Integral interlocking webbing on the sash and meeting rail ensure a positive interlock in the center of the window further enhancing security and thermal performance.

### Main Frame

The main frame is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .060" on the exterior walls to .050" on the interior walls. It provides an excellent thermal barrier against all types of climate conditions. **Our high tech, four head welding line provides an all welded construction. This allows the product sizing accuracy, quality and it guarantees a leak proof corner.** Our unique heavy-duty dual wall exterior flange provides an aesthetically appealing exterior installed appearance.

### Sill Riser

Constructed of rigid PVC extrusion with a wall thickness of .060", the sill riser provides the basis for our aesthetically pleasing, equal light, glass panel design between the fixed and the sliding sash. The design utilizes a solid, snap fit leg construction to avoid shipping damage or loss. **This design also allows for unobstructed drainage clearance under the sash panel.**

### Fixed Meeting Rail

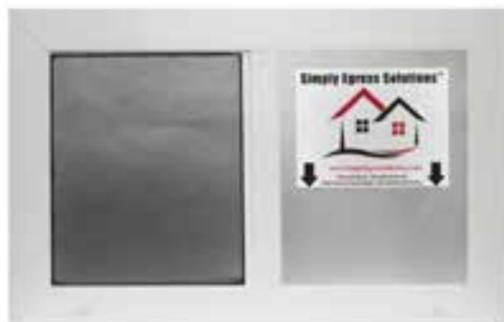
The fixed meeting rail is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .060" on the exterior walls and .050" on the interior walls. **The rail is attached to the main frame with four 2-1/2" long anti-corrosive stainless steel screws. It also contains an integral channel with a built in catch slot which receives the lock sweep mechanism enhancing security and thermal protection.**

### Glazing

We are pleased to provide our customers with the highest quality glazing on the market today. The main frame is glazed with a continuous bead of high quality silicone adhesive, which is applied by robots for accuracy and consistency.

### Weather Stripping

To provide a thermal barrier against all climate conditions, the movable sash and the meeting rail are equipped with strips of fin seal weather stripping. The top and bottom sash rails and the interlocking edge of the meeting rail utilize a .200" high pile inserted on each style member. **Virtually all potential draft points have been eliminated.**



## SES Cavity Double Glazed Hopper

| Size  | Rough Opening Size | Light Surface (W x H) | Light Surface (S.F.) | Vent Surface (W x H) | Vent Surface (S.F.) |
|-------|--------------------|-----------------------|----------------------|----------------------|---------------------|
| 32X15 | 32 3/8" x 15 7/8"  | 26 1/8" x 9 5/8"      | 1.75                 | 27 1/8" x 10 5/8"    | 2.00                |
| 32X19 | 32 3/8" x 19 7/8"  | 26 1/8" x 13 5/8"     | 2.47                 | 27 1/8" x 14 5/8"    | 2.75                |
| 32x23 | 32 3/8" x 23 7/8"  | 26 1/8" x 17 5/8"     | 3.20                 | 27 1/8" x 18 5/8"    | 3.51                |

### Testing and Performance

The Simply Egress Solutions Hopper Window has been tested at a Grade HS-R25 with an air infiltration rating of ASTM E283 and a water resistance of ASTM E547. The Basement Window has been tested in compliance with NFRC 100, 200, 300, 400 and 500 criteria. The Simply Egress Solutions Double Glazed Majestic Hopper Window performs to a .46 U-factor as tested by NFRC with Solar Heat Gain Coefficient of .55, Visible Transmittance of .57, Condensation Resistance of 44. **CS36 Low-E glass and argon fill is available which has a U-factor of .31 as tested by the NFRC with Solar Heat Gain Coefficient of .34, Visible Transmittance of .49, Condensation Resistance of 60.**

### Hinged Sash

The hinged sash is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .062" on the exterior walls to .050" on the interior walls. **The sash is welded on all four corners to ensure a rigid and accurate sash that matches perfectly with the frame construction.** The grip latch assembly allows easy control for opening and closing the sash and provides years of trouble-free performance and further enhances security and thermal performance.

### Main Frame

The main frame is constructed of rigid PVC hollow extrusion with a wall thickness ranging from .080" on the sash contact wall, .060" on the exterior walls, and .050" on the interior walls. It provides an excellent thermal barrier against all types of climate conditions. **Our high tech, four head welding line provides an all welded construction. This allows accurate product sizing, quality, and it guarantees a leak proof corner.** Our unique heavy duty dual wall exterior flange provides an aesthetically appealing appearance.

### Glazing

**An insulated glass package designed with a 3/4" overall thickness, utilizing the INTERCEPT spacer system, provides the ultimate in "Warm Edge" spacer technology.** The glass assembly is built in our own high-tech window manufacturing facility on the INTERCEPT Roll Forming System from GED. We are pleased to provide our customers with the highest quality glazing on the market today. The main frame and sliding sash are glazed with a continuous bead of high quality silicone adhesive, which is applied by robots for accuracy and consistency.

### Weather Stripping

To provide a thermal barrier against all climate conditions, the hinged sash is equipped with strips of fin seal weather stripping



## **Cavity Window Buck**

The specially designed pouring buck forms a 7/8" offset in the wall opening. The offset, combined with the window flange, creates a positive seal against water infiltration. Both the single and double glazed window will fit into the same opening. This enables the home builder to determine the style of window right up to the time of closing the home.



**An entire wall lined with window bucks to create a perfect view for the home owner.**

## **Window Buck Nail Plate**

The Window Buck Nail Plate allows owners of wood forms to place the window in any location they desire. It is easily adjustable for exact placement.



## **Window Buck Tie Guide**

Tie Guides are used in those circumstances where they are needed to hold the window buck into position for the pour. They can be adjusted for optimal buck placement.



## **Window Buck Hold Up**

The window buck hold-up hold a standard pouring buck to the top of the wall. This is perfect for the contractor that usually pours windows with concrete headers but occasionally needs to pour a window at the top of the wall.



## **Window Buck Clamp**

The Window Buck Clamp is a quick and easy way to hold window bucks or frames in place during the pour without drilling through the facesheet.



## **Window Buck Hold Down**

Lintel cones hold the pouring buck a specified depth down in the wall to create a concrete header. Check for available depths.



## **Window Buck Extension**

The Buck Extension comes in 1" and 2" widths. It attaches to a standard 8" pouring buck allowing you to pour 9" or 10" thick walls without having to invest in additional window pouring bucks.



## **Plastic Plug**

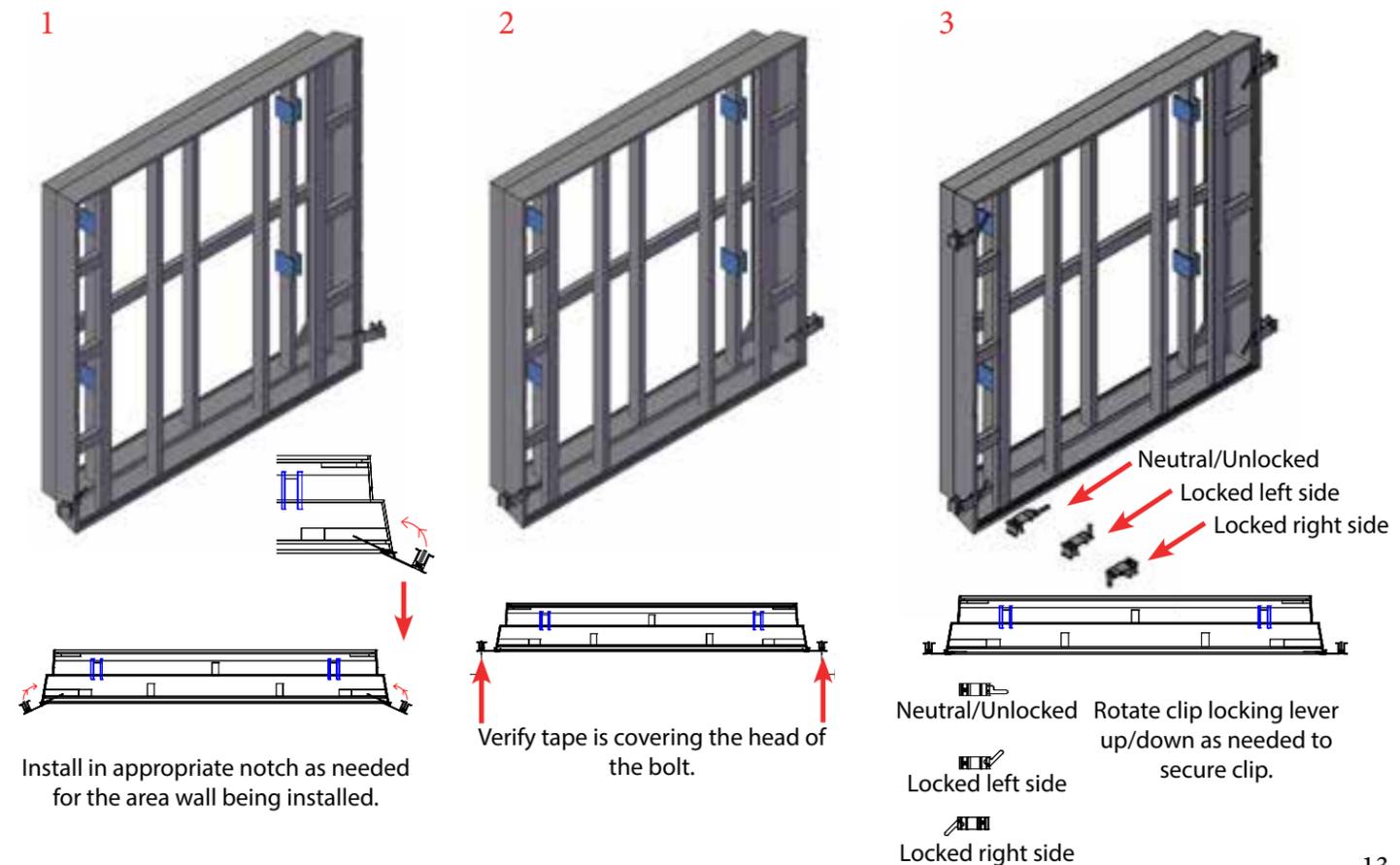
Window installation has never been quicker or easier! Four Plastic Plugs are placed into holes in the pouring buck before placing the buck into the wall. After the pour, the body of the plug remains in the concrete for easy installation of either the single or double glazed vinyl basement window. The Plastic Plug eliminates the need to drill the concrete, which is a real time saver!



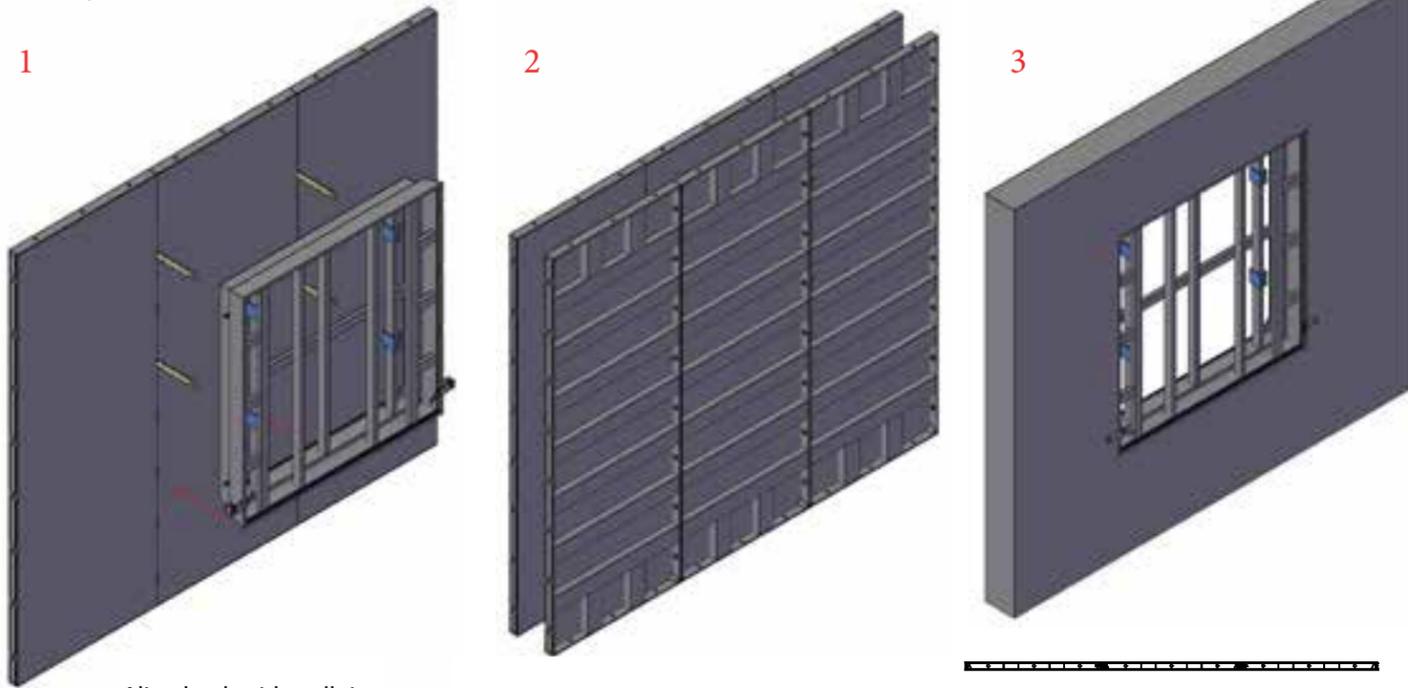
## **Window Well Anchor Clip**

The Area Wall Anchor attaches to the pouring buck before it's placed into the wall. When the buck is stripped, the aluminum anchor remains in the wall allowing the area wall to be bolted into place with standard bolts (which are included with the anchor). The Anchor allows easy placement of the area wall without drilling or nailing into the concrete, saving both time and money!! Special sizes require a minimum quantity. Using the Area Wall Anchor, the area wall can be installed in just a few minutes.

## **Window Well Anchor Clip Installation**



## Cavity Window Buck Installation



Align buck with wall ties.



Adjust the Tie Guide Bracket as needed to place the buck at the desired height.

4



Location of break.

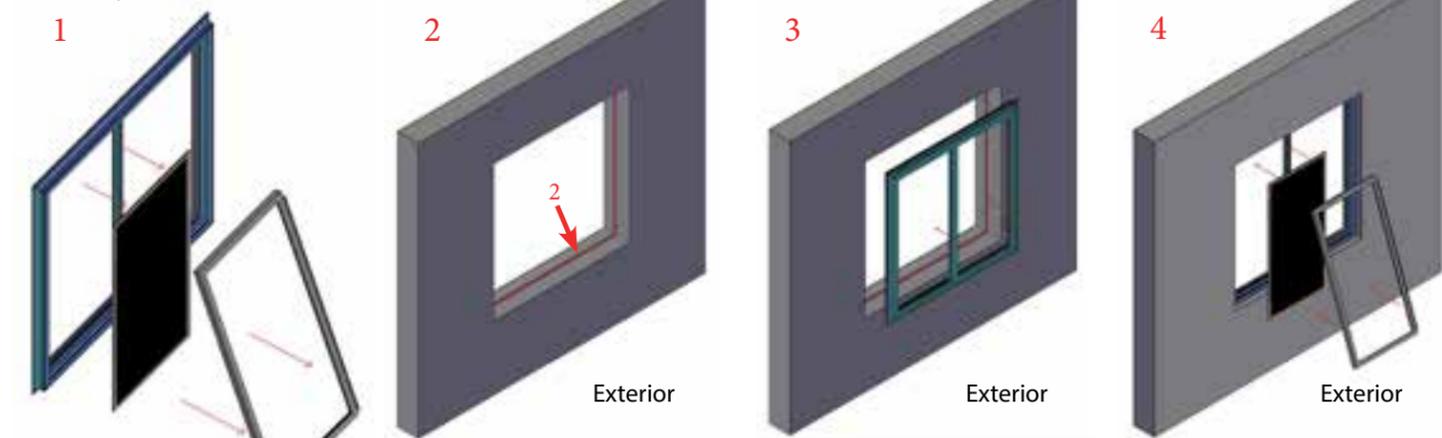
After the exterior forms are removed, rotate the area wall clip locking lever back into the neutral position. Pull the locking lever towards the exterior of the wall in an arcing motion to snap off and remove the lever portion of the area wall clip.



Remaining piece of area wall clip.



## Cavity Window Installation



(1) Remove the interior sliding sash by lifting the sash up, rotating the bottom of the sash out, and then pulling the sash down.  
(2) Remove the window screen.

(1) Clean dirt and debris from around the window opening.  
(2) Place a bead of caulk all the way around the concrete lip on the window opening.

Slide window into the opening and secure it to the wall by screwing four #8x1 1/4" phillips pan head screws into the plastic plugs.

(1) Reinstall the window screen.  
(2) Reinstall the interior sliding sash by placing the top of the sash into the top track, rotating the bottom of the sash in, and then pulling the sash down into the lower track. Slide the interior sash closed and lock.

## Definition of Terms

### U-factor

The U-factor is a rating given to a window based on how much heat loss it allows. U-factor generally range from 0.2 (very little heat loss) to 1.2 (high heat loss). The U-factor is the inverse of the R-value of a window, which measures a window's insulating value. Thus, a high R-value is the same as a low U-factor, and means that a window does not allow much heat to escape.

A poorly-made window cannot get a low U-factor. Single-pane windows are about 1.0 and double-panes are about 0.4. If you live in a colder climate, or find that you are always heating your home, buying windows with a low U-factor is a good way to save energy and money. The National Fenestration Rating Council (NFRC) offers reliable U-factor ratings for windows that they have certified.

### Solar Heat Gain Coefficient

The Solar Heat Gain Coefficient (SHGC) is a number assigned to a window that tells you how much heat that window lets pass into your home from the sun. SHGC numbers range from 0 to 1, and the lower the number, the less heat will enter your home. Thus, in hot climates a low SHGC is desirable, while in cold climates a higher SHGC is desirable. The National Fenestration Rating Council (NFRC) offers reliable SHGC ratings for windows that they have certified.

### Visible Transmittance

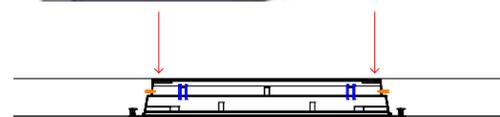
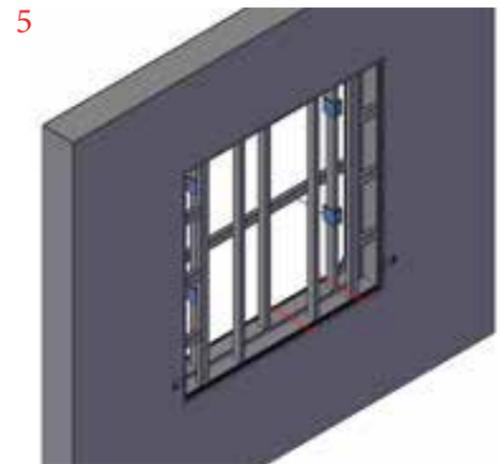
Visible Transmittance (VT) is a measure of how much light passes through a window. VTs ranged from 0 (no light) to 1 (all light). VT is an important quality to consider when purchasing a window because sunlight can fade furniture and carpets or damage precious art. Sunlight can also affect the ambience of a room in your home. A special coating on windows called low-E can provide even better protection against UV rays along with great insulation. The National Fenestration Rating Council (NFRC) offers reliable VT ratings for windows that they have certified.

### Condensation Resistance

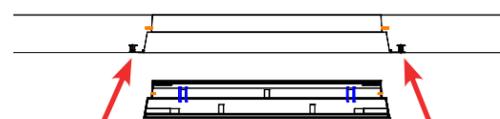
Condensation Resistance (CR) measures how well a window resists the formation of condensation on the inside surface. CR is expressed as a number between 1 and 100. The rating value is based on interior surface temperatures at 30%, 50%, and 70% indoor relative humidity for a given outside air temperature of 0 Fahrenheit under 15 mph wind conditions. The higher the number, the better a product is able to resist condensation. CR is meant to compare products and their potential for condensation formation. CR is an optional rating on the NFRC label.

### Low-E

A low-E (low-emissivity) coat is a microscopically thin glazing for windows that changes the amount of heat that can pass through them. Low-E coats save money and energy by maintaining a more stable temperature inside buildings, and thus reducing the need for heating or cooling. They can also block UV rays. A high solar gain low-E coat allows more heat to pass through a window, and is useful for colder climates. A low solar gain coat is appropriate for hot climates because it allows less heat to pass through a window.



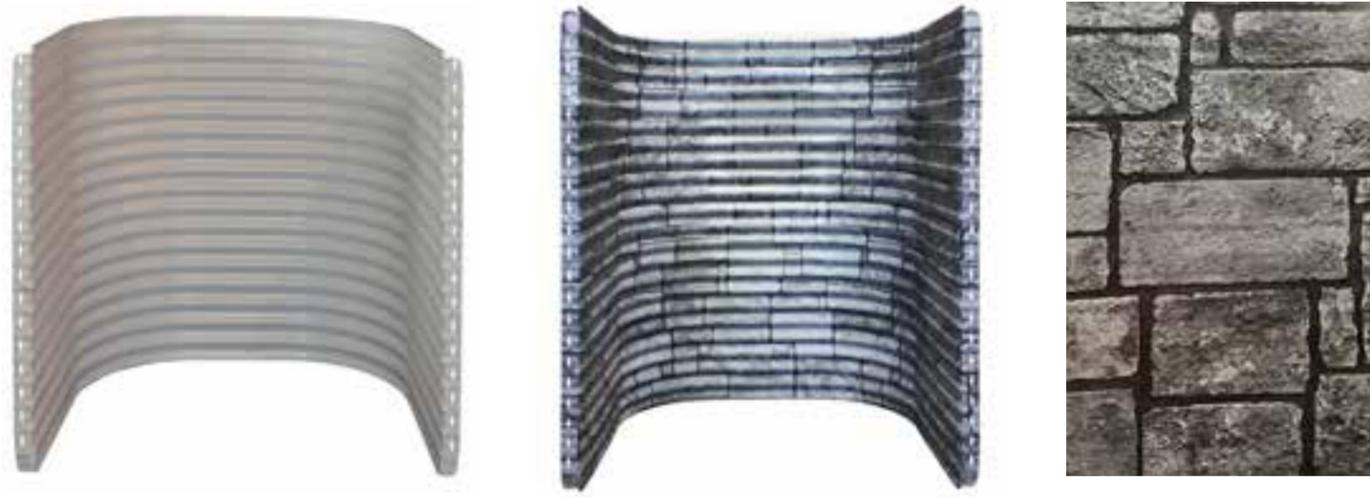
To remove buck use hammer from interior side. This will shear off the plastic plugs as required.



Remove tape to access bolt head for installation of area wall.

## **Window Well Marshall**

These high quality Area Walls are made from heavy-duty 18 gauge galvanized steel. They feature a 3/4 inch profile with expertly designed double-ribbed corners for added strength, reducing the need for extra bracing. Available in multiple sizes including egress. Available in white or stone finish.



Available in White or Stone:

40"x20"x12" Area Well  
 40"x20"x24" Area Well  
 40"x20"x36" Area Well  
 56"x36"x12" Area Well  
 56"x36"x24" Area Well  
 56"x36"x36" Area Well  
 56"x36"x48" Area Well  
 56"x36"x60" Area Well  
 56"x36"x72" Area Well  
 68"x36"x60" Area Well  
 68"x36"x72" Area Well

Available in White or Stone:

32"x18"x12" Area Well for Cast in Place  
 32"x18"x24" Area Well for Cast in Place  
 32"x18"x36" Area Well for Cast in Place  
 32"x18"x36" Area Well for Cast in Place  
 48"x37"x24" Area Well for Cast in Place  
 48"x37"x36" Area Well for Cast in Place  
 48"x37"x48" Area Well for Cast in Place  
 48"x37"x60" Area Well for Cast in Place  
 48"x37"x72" Area Well for Cast in Place



## **Escape Ladder for Marshall Wells**

The Escape Ladder meets the rigors required of an escape ladder plus the beauty of a quality crafted product. Our escape ladder was designed to be the benchmark of the industry. Once installed, the ladder blends in perfectly to enhance the appeal to the end user. It is easily installed on most area walls. Simply drop the ladder into position and attach it to the area wall with tapcons. Available in white or gray and in heights of 48", 60", and 72".



## **Window Well Cover Shape Products**

These durable polyethylene safety covers are very light weight and designed to set on top of the metal well grate. The cover itself doesn't support any weight but it allows natural light through while preventing leaves and debris from falling through the metal well grate.

56"x36" Plastic Area Well Cover  
 40"x20" Plastic Area Well Cover  
 48"x37" Plastic Area Well Cover for Cast in Place



## **Window Well Grate Marshall**

The Safety Grate is strong enough to stand on, yet light enough to push off for emergency escape. The safety grate shields windows from debris and protects individuals from the accidental misstep.

40"x20" brown  
 56"x36" brown  
 68"x36" brown  
 32"x18" brown for Cast in Place  
 48"x37" brown for Cast in Place



## **Interior Trim Kit**

Our Trim Kit allows you to finish the interior with ease! The Precise Trim Kit allows you to finish off the interior of the window without having to use lumber. The trim snaps into the window creating a finished look with little cost or time. The kit is adjustable to fit different thickness walls.



## **Window Well Rockwell**

Rockwell window wells help turn your basement into a retreat. Our window wells have a stone texture that truly looks and feels like real stone, adding great curb appeal and an aesthetically pleasing view from the inside out. Our wells allow for more natural light and ventilation into an otherwise dark & drab basement. They leave basement rooms feeling larger and more inviting.

Each of our window well options adheres to IRC 2009 Egress Code standards. This means they meet or exceed dimensional and accessibility requirements to allow occupants out and rescue personnel in during an emergency. These standards apply to renovations of older homes as well as new homes. If you are finishing your basement or converting a storage room into a bedroom, it is required by law to make sure there is a direct exit from each inhabited room. Steps provide easy access out of basement window well

Installing your window wells will be easier than you might expect. They are made of the same strong, durable, light weight composite material used in the aviation industry. The single piece construction of our wells means no assembly is required. Just excavate the space around your window, lower the stone textured window well into position, bolt it to your foundation, and fill in any extra space with the displaced soil, no pea-gravel required.

Available in 66"x44"x24", 36", 48", 60", 72", 84", and 96" in both tan and gray.



## **Window Well Cover Rockwell**

These covers are designed to keep out what you don't want and let through what you do. Made of strong polycarbonate, they can withstand 500 pounds of weight - perfect for preventing family members and pets from accidentally falling in. They are also excellent for keeping out fallen leaves, snow, and UV rays as well as obscuring the view into your basement. These window well covers still allow natural light in and are easily opened from the inside for quick escape in the event of an emergency.

They are constructed of a 10 mm fluted polycarbonate material with UV light protection. Available for 66"x44" Rockwell Window Well.



## **Window Well Grate Rockwell**

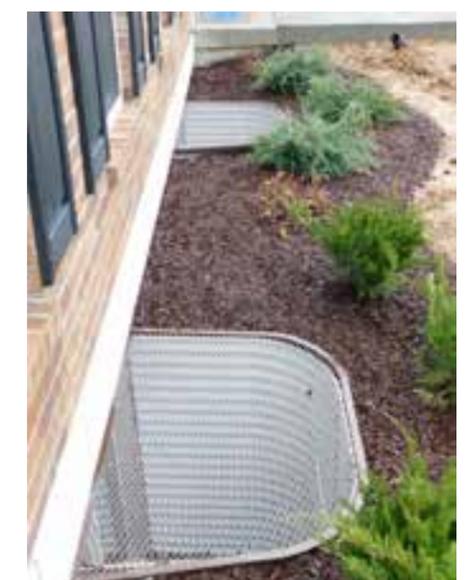
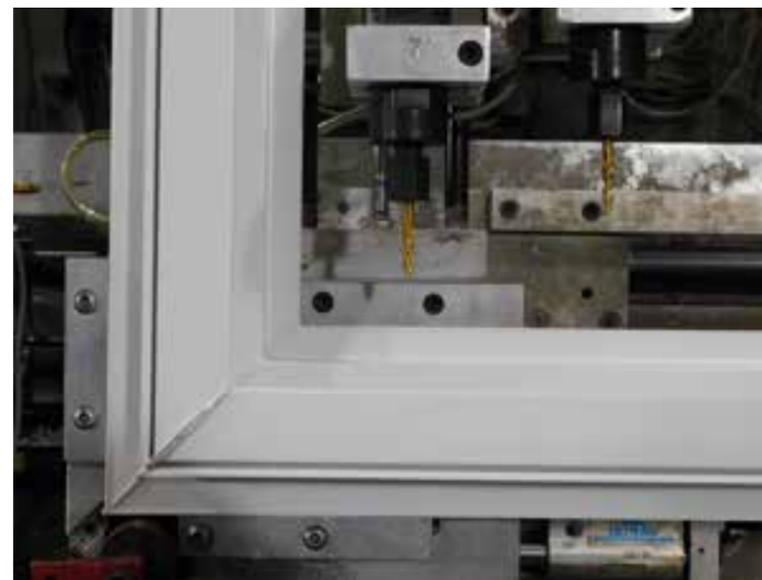
These grates offer many of the same benefits as the polycarbonate covers while allowing ventilation and unobstructed natural light. They are just as strong and effective at preventing fall-ins without limiting airflow. The earth tone powder coating on these window well grates will fit in nicely with your landscaping, and, of course, they are easy to open from the inside during emergencies.

These safety grates are durable and will prevent members of your family from accidentally falling into the window well. They allow ventilation and will not obstruct the natural light from entering your basement. They are also easy to open for egress routes. The window well grates are powder coated with an earth tone color that will fit in with your home's natural landscape. They are suitable for use with our Elite and Premier window wells. They can withstand 500 lbs. Available for 66"x44" Rockwell Window Well.



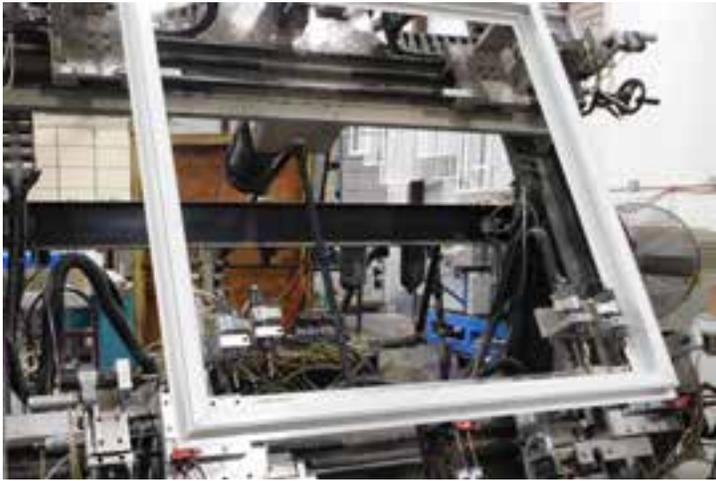
## **Perfect Fit with Primary Windows**

Our Simply Egress Solution Window System blends in perfectly with primary windows creating a seamless exterior design.



## **Simply Egress Solutions Window Manufacturing Facility**

Simply Egress Solutions is a state-of-the-art vinyl basement window production facility specializing in both Cast in Place Windows as well as Cavity Windows. Experienced craftsmen, automated equipment, and quality materials allow us to achieve extremely high efficiency, which saves you money and provides the highest quality Vinyl Basement Window possible.



**Simply  
Egress  
Solutions™**

**Made in the  
U.S.A.**

**SimplyEgressSolutions.com**  
**816-690-3400**

Simply Egress Solutions is a division of Precise Forms, Inc.