



## 2022 Price List

79 Walton Street, Attleboro MA

508-455-0661 • FAX 508-455-0622 • 1-888-STERGIS

### **STERGIS VINYL WINDOWS**

#### **PATIO AND SWING DOORS**

1100 Series Sliding Patio Door

1100 Series Swing Doors

Patio Door Installation Instructions

Bay and Bow Series

Bay/Bow Installation Instructions

#### **BELMONT REPLACEMENT**

Double Hung Windows

Picture Windows

Casement/Awning Windows

Cellar Hopper and Deadlight Windows

Sliding Windows

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#### **WINDGATE NEW CONSTRUCTION**

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Single Hung Windows

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#### **STORMGATE NEW CONSTRUCTION**

Double Hung

Single Hung

Picture /Transom Windows

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### **STERGIS ALUMINUM PRODUCTS**

#### **Aluminum Commercial and Historic**

Triple Track Model 60

Stationary Storm Windows

#### **MISCELLANEOUS**

Glass

Commercial Check List

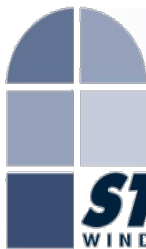
Frequently Asked Questions

# List Pricing

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## Platinum 1100 Sliding Patio Door

| Nominal size   | XO/OX<br>5068 | XO/OX<br>6068   | XO/OX<br>8068  | OOX/OXO<br>9068   | OXXO<br>12068      | Custom<br>sizes |
|--|---------------|-----------------|----------------|-------------------|--------------------|-----------------|
| <i>Unit size</i>   | 59 ½ x 79 ½   | 71 ½ x 79 ½     | 95 ½ x 79 ½    | 107 ½ x 79 ½      | 140 ½ x 79 ½       | + - 10ui        |
| <b>White-with standard dual point no lock handle</b>       | \$1007        | \$1049.00       | \$1558.00      | \$1897.00         | \$2544.00          | +400            |
| <b>Sandstone</b><br>(Hardware included)                    | Add 10%       | Add 10%         | Add 10%        | Add 10%           | Add 10%            | +400            |
| <b>Laminated Exterior</b><br>Black<br>*White Interior      | Add 50%       | Add 50%         | Add 50%        | Add 50%           | Add 50%            | Add 50%         |
| <b>Painted Exterior</b><br>Black, Bronze, Silver and Green | Add 50%       | Add 50%<br>Call | Add 50%<br>For | Add 50%<br>Volume | Add 50%<br>Pricing |                 |

X= Operating O= Stationary Viewed from exterior

### Platinum 1100 Transoms/ Sidelites

| Sidelite /Transom<br>(3202/3204) | \$ 4.70 ui<br>Clear Temp | \$4.90 ui<br>Low-E Temp | \$5.10 ui<br>Low-E 270A<br>Temp | Add 10% For Beige |
|----------------------------------|--------------------------|-------------------------|---------------------------------|-------------------|
|----------------------------------|--------------------------|-------------------------|---------------------------------|-------------------|

**SIZE LIMITATIONS** Min Width 48" Max Width 192" Min Height 48" Max Height 98" Recommended Uses: Residential and Light Commercial

### OPTIONS

#### GLASS

Clear Tempered \$ 50.00 per panel  
 Low-E Tempered \$ 50.00 per panel  
 Low-E 270A Tempered \$ 75.00 per panel  
 Low-E 366ATempered \$100.00 per panel

#### GRIDS

Contoured \$ 60.00 per panel  
 SDL Exterior Surface 1 \$ 125.00 per panel  
 SDL Interior Surface 4 \$ 125.00 per panel  
 Custom Two-Toned \$ 100.00 per panel  
 Diamond \$ 300.00 per panel  
 Prairie \$ 60.00 per panel

#### SCREEN

Full Aluminum Available  
 Full Fiberglass Standard  
 Full Pet \$ 0.70 per ui

#### OTHER

Nailing Fin, Head, Jamb Standard  
 4 9/16" Extension Jamb \$ 100.00 per door  
 6 9/16" Extension Jamb \$ 125.00 per door  
 Salem Trim No Sill \$ 180.00 per door  
 N.E. Flat Casing No Sill \$ 180.00 per door  
 Mull Charge \$ 60.00 per mullion  
 Metal Sill Pan \$ 150.00

#### HARDWARE

White/ Beige Dual Point No Lock \$ 100.00 each  
 White Dual Point Lock Only \$ 50.00 each  
 White Handle With Key Lock \$ 125.00 each  
 Brass/Satin Nickel With Key Lock \$ 200.00 each  
 Stainless Multi Point with Key Lock \$ 200.00 each  
 Dead Bolt Foot Lock \$ 30.00 each

### TEST SUMMARY

| TEST SUMMARY   | NFRC                   | U-Factor   | SHGC      | CRF       |    |
|--|------------------------|------------|-----------|-----------|----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05 SGD R50 – R65             |                        |            |           |           |    |
| Air infiltration: @ 1.56PSF<br>Astm E283                                   | Clear                  | 0.43       | 0.48/0.42 | 47        |    |
| Water Penetration: @ 5.25 psf<br>Astm E547                                 | No Entry               | Low-E      | 0.31      | 0.31/0.27 | 60 |
| Uniform Structural Load @ 50psf (exterior)<br>Astm E300 @ 50psf (interior) | No damage<br>No damage | Low-E 270A | 0.27      | 0.31/0.27 | 64 |



# STERGIS Vinyl Sliding Patio Door

## Architect's Specifications

### Residential and Light Commercial Applications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Sash panel shall be reversible for left or right hand operation on stock size doors. Operating panel shall glide on tandem stainless steel TRUTH adjustable wheels. Wheels shall glide on a replaceable lexan monorail. Stationary panel shall be fixed at head and sill with interlock anchors. Panels shall have a positive interlock at the meeting rail when in the closed position.

**Materials:** Frame extrusion shall be 100% virgin uPVC. Jamb frame shall have seven tubular hollows and have a nominal wall thickness of .100.

**Frame Construction:** Corners shall be mitered and welded at the head with a low profile sloped sill fastened to the jamb. The frame is to be 4 9/16" with a drip edge/J channel. The frame is designed with a complete screen track on the exterior. The sill shall have 10 tubular hollows and a nominal wall thickness of .080". Dual weather seals will be employed at every contact point with the sash. A vinyl cover shall be snapped onto the fixed jamb inside leg to give the jamb a finished appearance.

**Panel Construction:** Panel profiles shall have mitered and fusion welded corners. Panel profiles shall have a nominal wall thickness of .100". Panel frame shall have four tubular hollows and shall be reinforced with an .0060" thick 1 7/8" deep galvanized steel channels in the meeting rails and locking stiles. All handle and locking hardware will be secured to the reinforcement. The panel shall have a removable interior snap-in glazing bead which will allow replacement of glass without taking the entire sash apart.

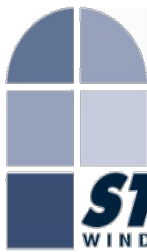
**Screen Construction:** The door screen frame shall be of heavy tubular aluminum, reinforce at the corners with extruded corner keys for maximum strength. Insect screening shall be 18x16 non-glare charcoal finished, fiberglass mesh held in place with a corrugated vinyl screen spline.

**Available Finishes:** Shall be solid vinyl throughout in white or Beige.

**Glazing:** Insulating glass shall have an overall thickness of 1" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** Weather stripping on the main frame perimeter shall be silicone treated woolpile with a polypropylene fin in the center. Each sash meeting rail shall contain one course of fin-type weather stripping and a positive interlock for a triple seal.

**Hardware:** Included with the door is white/beige dual point hardware with optional key set and all the necessary screws for installation.



# List Pricing

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## PVC 1100 Atrium/French Swing Door

| Nominal size                         | 3068                    |       | 5068                    |       | 6068                            |       | 8068               |         | Custom sizes |
|--------------------------------------|-------------------------|-------|-------------------------|-------|---------------------------------|-------|--------------------|---------|--------------|
| Unit size                            | 35 ½ x 79 ½             |       | 59 ½ x 79 ½             |       | 71 ½ x 79 ½                     |       | 95 ½ x 79 ½        |         | + - 10 ui    |
|                                      | White                   | Beige | White                   | Beige | White                           | Beige | White              | Beige   |              |
| <b>French Door</b> (3304/3305)       | N/A                     | N/A   | \$2309                  | +10%  | \$2542                          | +10%  | \$3241             | +10%    | +\$600       |
| <b>Atrium Door</b> (3302/3303)       | N/A                     | N/A   | \$1982                  | +10%  | \$2145                          | +10%  | \$2845             | +10%    | +\$600       |
| <b>Single Swing Door</b> (3300/3301) | \$1357                  | +10%  | N/A                     | N/A   | N/A                             | N/A   | N/A                | N/A     | +\$600       |
| <b>Sidelite/Transom</b><br>(3203)    | \$4.70 ui<br>Clear Temp |       | \$4.90 ui<br>Low-E Temp |       | \$5.10 ui<br>Low-E 270A<br>Temp |       | Beige              | Add 10% |              |
|                                      |                         |       |                         |       |                                 |       | Black              | Add 50% |              |
|                                      |                         |       |                         |       |                                 |       | Painted            | Add 50% |              |
|                                      |                         |       |                         |       |                                 |       | Call For<br>Volume | Pricing |              |

**SIZE LIMITATIONS** Min Width 26" Min Height 48" Recommended Uses:  
 Max Width 42" single Max Height 98" Residential and Light Commercial  
 96" double

### Feature Summary

- Screen Available on *In Swing Atrium Door Only*
- Screens **NOT** Available on French or Single Swing Doors
- All Welded frame and sash
- Steel reinforced sash
- 1" insulated tempered warm edge glass
- Continuous Roton gear hinge
- 4 9/16" depth frame – Replacement or New Construction
- White Multi Point Hardware With Key Lock Standard
- Key lock cylinder with oversize dead bolt
- Replaceable Q-Ion weather seals
- High pressure aluminum sill threshold

### OPTIONS

#### GLASS

Clear Tempered Standard  
 Low-E Tempered \$ 50.00 per panel  
 Low-E 270A Tempered \$ 75.00 per panel  
 Low-E 366A Tempered Call for pricing

#### GRIDS

Contoured \$ 60.00 per panel  
 SDL Exterior Surface 1 \$ 125.00 per panel  
 SDL Interior Surface 4 \$ 125.00 per panel  
 Custom Two-Toned \$ 100.00 per panel  
 Diamond \$ 200.00 per panel  
 Prairie \$ 60.00 per panel

#### SCREEN (ATRIUM ONLY)

Full Aluminum Available  
 Full Fiberglass Standard  
 Full Pet \$ 0.70 per ui

#### HARDWARE

White Multi Point With Key Lock \$ 150.00 per handle  
 Brass Multi Point With Key Lock \$ 200.00 per handle  
 Satin Nickel Multi Point With Key Lock \$ 200.00 per handle

#### OTHER

Nailing Fin Not Available  
 4 9/16" Extension Jamb \$ 100.00 per door  
 6 9/16" Extension Jamb \$ 125.00 per door  
 Salem Trim No Sill \$ 180.00 per door  
 N.E. Flat Casing No Sill \$ 180.00 per door  
 Mull Charge \$ 60.00 per mullion

### TEST SUMMARY

|  | NFRC                               | U-Factor   | SHGC | CRF |
|--|------------------------------------|------------|------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05                           | SGD- R50 – R65                     |            |      |     |
| Air infiltration: @ 1.56PSF<br>Astm E283                                   | Clear                              | 0.47       | 0.64 | 42  |
| Water Penetration: @ 5.25 psf<br>Astm E547                                 | Low-E                              | 0.32       | 0.31 | 52  |
| Uniform Structural Load @ 50psf (exterior)<br>Astm E300 @ 50psf (interior) | No Entry<br>No damage<br>No damage | Low-E 270A | 0.29 | 55  |



# STERGIS PVC

## Single Swing/Atrium/French Door System

### Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Door panels swing on Continuous Gear hinge rated for 1200 lbs. Full locking hardware consist of white multipoint lever handles and deadbolt pins engaging in the head and sill of the frame. A mortise type lock and deadbolt engage in the midrail keeper. Stationary panel meet the operable sash by means of an astrical or jamb connector. Doors can be fabricated in in-swing and outswing styles.

**Materials:** Frame extrusion shall be 100% virgin uPVC. Jamb frame shall have seven tubular hollows and have a nominal wall thickness of .125.

**Frame Construction:** Corners shall be mitered and entirely welded at the head and sill with a low profile aluminum threshold at the sill. The frame is to be 4 9/16" flat frame with optional nailing fin / J channel. The frame is designed to receive a rolling screen on the exterior (on Atrium, in-swing only). All hardware is installed and adjustable. Replaceable compression Q-lon seals are used around the entire frame. Installation holes are drilled and countersunk and are supplied with smooth cover buttons.

**Panel Construction:** Panel profiles shall have mitered and fusion welded corners. Panel profiles shall have a nominal wall thickness of .125". Panel frame shall have four tubular hollows and shall be steel reinforced with an 0.060" thick 1 7/8" deep galvanized steel channels in the meeting rails and locking stiles. The panel shall have a removable interior snap-in glazing bead which will allow replacement of glass without taking the entire sash apart.

**Screen Construction(when available):** The door screen frame shall be of heavy tubular aluminum, reinforce at the corners with extruded corner keys for maximum strength. Insect screening shall be 18x16 non-glare charcoal finished, fiberglass mesh held in place with a corrugated vinyl screen spline. Available on Inswing Atrium only

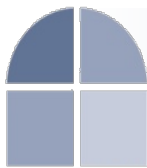
**Available Finishes:** Shall be solid vinyl throughout in white and beige color.. The exterior is available in Bronze Laminate or Black Laminate

**Glazing:** Insulating glass shall have an overall thickness of 1" and a minimum 3/4" air space inside dimension. Standard glass shall be 1/8" Tempered Clear. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** Weather stripping on the main frame perimeter shall be Q-lon sealed Bulb seal.. All seals are replaceable and color matched.

**Hardware:** Included with the door is white multipoint hardware with key lock. Mechanical lock system is stainless components. Continuous Piano Hinge system in Anodized corrosion resistant finish.

**Impact Testing:** Available on all Single Swing and Atrium Doors. French doors outswing only



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## Bow Windows

| Width          | Number of lites | Price            | Feature summary   |
|----------------|-----------------|------------------|---|
| 49" – 72"      | 3               | \$20/united inch | <ul style="list-style-type: none"> <li>Buck is constructed with 1 ¼" Birch Laminated with Insulated Seatboard</li> <li>Standard and Custom Wall Depths</li> <li>Standard with Casements/PW combinations (alternate available)</li> <li>Includes Knee Brackets, Cable Systems, and Casters</li> <li>Full Box Frame (Optional Offset Frame Available)</li> <li>Add Trim Packages A,B,C,D, for Interior Finish Trim</li> </ul> |
| 73" – 96"      | 4               |                  |   |
| 85" – 132"     | 5               |                  |   |
| 133" – 144"    | 6               |                  |   |
| Min Width 49"  | Max Width 144"  |                  |   |
| Min Height 36" | Max Height 75"  |                  |   |

## Bay Windows

| Width                   | Number of lites         | Price            | Feature summary   |
|-------------------------|-------------------------|------------------|---|
| Any width<br>49" – 108" | Any height<br>36" – 75" | \$20/united inch | <ul style="list-style-type: none"> <li>Buck is constructed with 1 ¼" Birch Laminated with Insulated Seatboard</li> <li>Standard and Custom Wall Depths</li> <li>Standard and Custom Projections</li> <li>Standard with Double Hung Flankers and Fixed Center (Alternate Available)</li> <li>Include Knee Brackets, Cable System and Casters</li> <li>Full Box Frame (Optional Offset Frame Available)</li> <li>Add Trim Packages A,B,C,D, for Interior Finish Trim</li> </ul> |
| Min Width 49"           | Max Width 108"          |                  |   |
| Min Height 36"          | Max Height 75"          |                  |   |

## OPTIONS

### GLASS

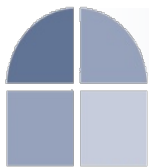
|                                   |                    |
|-----------------------------------|--------------------|
| Clear                             | Standard           |
| Low-E                             | \$ 12.00 per sash  |
| Low-E 270A Performance            | \$ 24.00 per sash  |
| Low-E 366A                        | \$ 36.00 per sash  |
| Obscure                           | \$ 14.00 per sash  |
| Obscure Low-E                     | \$ 26.00 per sash  |
| Obscure Low-E 270A                | \$ 38.00 per sash  |
| Tempered Clear                    | \$ 100.00 per sash |
| Tempered Low-E                    | \$ 112.00 per sash |
| Tempered Low-E 270A               | \$ 124.00 per sash |
| Clear Obscure Tempered            | \$ 114.00 per sash |
| Low-E Obscure Tempered            | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered       | \$ 138.00 per sash |
| Low-E Laminated (.030, .060,.090) | Call for Pricing   |

### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$26.00           |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

### OTHER

|                                    |            |
|------------------------------------|------------|
| Red Oak                            | \$ 240.00  |
| Offset Frame Options               | \$ 100.00  |
| Interior Casing Trim Package A,B,D | \$ 365.00  |
| Interior Casing Trim Package C,E   | \$ 412.00  |
| Custom Mullion Degree Upcharge     | \$ 400.00  |
| LED Lights 3 Hardwired or Plug In  | \$ 240.00  |
| Roof Custom Made Aluminum          | \$ 2100.00 |
| Roof Custom Made Copper            | \$ 3000.00 |
| Roof Custom Made                   | \$ 447.00  |
| Exterior Paint Custom              | \$ 400.00  |



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## Belmont Replacement Double Hung

| SIZE(untied inches)  | <83                  | 84-100             | >101                | Feature summary   |
|--|----------------------|--------------------|---------------------|---|
| <b>White</b>   | \$240                | \$260              | \$3.50ui            | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Aluminum Half Screen Locking</li> <li>• Fully welded frame and sash</li> <li>• Stainless Steel Coastal Hardware</li> <li>• Double locks over 26" widths</li> <li>• Double weather-stripped sash</li> <li>• ¾ " Warm Edge Insulated Glass Duralite</li> <li>• Tilting sash for easy cleaning</li> <li>• Cardinal Glass</li> </ul> |
| <b>Sandstone</b>   | Add 10%              | Add 10%            | Add 10%             |   |
| <b>Laminated Exterior</b><br>Black<br>*White Interior      | Add 75%              | Add 75%            | Add 75%             |   |
| <b>Painted Exterior</b><br>Black, Bronze, Silver and Green | \$180.00<br>Call For | \$180.00<br>Volume | \$290.00<br>Pricing |   |
| <b>Size Limitations</b>                                    |                      |                    |                     |   |
| Minimum Width  | 16"                  | Minimum Height     | 24"                 |   |
| Maximum Width  | 46"                  | Maximum Height     | 76"                 |   |
| Recommended Uses: Residential Light Commercial             |                      |                    |                     |   |

### OPTIONS

#### GLASS

|                                    |                    |
|------------------------------------|--------------------|
| Clear                              | Standard           |
| Low-E                              | \$ 12.00 per sash  |
| Low-E 270A Performance             | \$ 24.00 per sash  |
| Low-E 366A                         | \$36.00 per sash   |
| Obscure                            | \$ 14.00 per sash  |
| Obscure Low-E                      | \$ 26.00 per sash  |
| Obscure Low-E 270A                 | \$ 38.00 per sash  |
| Tempered Clear                     | \$ 100.00 per sash |
| Tempered Low-E                     | \$ 112.00 per sash |
| Tempered Low-E 270A                | \$ 124.00 per sash |
| Clear Obscure Tempered             | \$ 114.00 per sash |
| Low-E Obscure Tempered             | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered        | \$ 138.00 per sash |
| Low-E Laminated (.030, .060, .090) | Call for Pricing   |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### OTHER

|                            |                      |
|----------------------------|----------------------|
| Foam Wrap                  | \$ 20.00 per window  |
| Snap on Nailing Fin No J   | \$ 28.00 per window  |
| Snap on Nailing Fin With J | \$ 28.00 per window  |
| Mull Charge                | \$ 24.00 per mullion |
| Oriel                      | Add \$ 40.00         |

#### SCREEN

|                             |                |
|-----------------------------|----------------|
| Full Aluminum               | \$ 24.00       |
| Full Fiberglass             | \$ 24.00       |
| Pet Non-Locking Half Screen | \$ 0.70 per ui |
| Pet Locking Half Screen     | \$ 0.70 per ui |
| Full Pet                    | \$ 0.70 per ui |

### Test summary

|  | NFRC         | U-Factor | SHGC  | CRF |
|--|--------------|----------|-------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05 | R35 – R50    |          |       |     |
| Air infiltration: @ 1.56 psf (25 mph)            | .14 cfm /ft2 |          |       |     |
| Water Penetration: @ 6 psf                       | No Entry     |          |       |     |
| Uniform Structural Load: @ 40 psf                | No Damage    |          |       |     |
| Uniform Load Deflection: @ 60 psf                | No Damage    |          |       |     |
| Deglazing  | Pass         |          |       |     |
| Forced Entry Resistance                          | Pass L 10    |          |       |     |
|  | Clear        | 0.45     | 0.60  | 45  |
|  | Low-E        | 0.31     | 0..29 | 57  |
|  | Low-E 270A   | 0.28     | 0.29  | 61  |
|  | Low-E 366A   | 0..27    | 0.21  | 61  |



## STERGIS BELMONT Double Hung Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Sash shall be counterbalanced to remain as placed during window operation. Both sashes shall tilt inwards for cleaning exterior glass surface. The top sash stiles shall be fitted with two security latches which, when extended, shall prevent the bottom sash from being opened more than three inches. Sash locks shall function to secure the opening and, through a cam-action mechanism, draw the interlocking meeting rails together for a tight seal. Window screens shall be of side load design and include provisions for spring loaded latches located at each end of the bottom rail.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin uPVC. The jambs shall have a nominal wall thickness of .065" and shall include five tubular hollows for maximum strength and thermal efficiency. The sill shall have a nominal wall thickness of .065" and shall contain multiple hollows for strength. Sash profiles shall have a nominal wall thickness of .065". The interlock meeting rail will be reinforced with tempered aluminum to which the locks are firmly secured. Sash lift rails shall be integral to the sash extrusion. Sash meeting rails shall include an integral leg, which shall provide positive meeting rail interlock in the assembled unit.

**Frame Construction:** Frame profile shall be designed to install as a new construction with nailing fin and J channel or as a replacement with head and sill expanders as job conditions require. Overall frame depth shall be 3 1/4". Window main frame header will be miter cut and welded with a minimum melt off of 5mm. The sill will be compound cut and welded construction for positive seal and esthetics. Drain weeps under the screen track will provide a quicker drainage of the sloped sill without compromise to performance.

**Sash Construction:** Sash frame shall be miter cut and fusion welded at the corners. Each welded sash top rail shall conceal a self-aligning spring-loaded sash release latch. Each welded sash shall have recessed, heavy wall pivot bars screwed in place by stainless screws at the bottom sash corners. Glazing shall be secured in place with a dual-durometer snap in a glazing bead along the exterior perimeter of sash. Widths shall have aluminum reinforcements at the meeting rails. Widths from 36 1/4" to 48" shall have reinforcements at all sash horizontals. Heights from 72" shall have reinforcements at all sash verticals.

**Available Finishes:** Shall be solid vinyl throughout in white or almond.

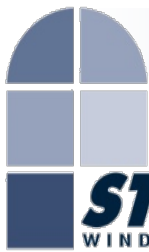
**Screen Construction:** Half-screen standard. Frame shall be of hollow extruded design with a .055" wall thickness and the wire shall be 18x16 mesh non-glare charcoal finished aluminum. Corners will be staked with die cast corners. The bottom rail shall have a spring loaded release latch on each side to lock the screen in place. The locking device will engage into the master frame wall and not be visible from the exterior.

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather Stripping:** A minimum of two courses of solid barrier fin-type weather stripping shall be applied at the crack perimeter (excluding sill) of the window. The bottom sash rail shall fit the sill so that two fin and one closed-cell bulb weather seals engage completely. The interlock will consist of two weather seals attached to the full interlock from jamb to jamb

**Hardware:** Sash balances shall be factory calibrated block and tackle balances. Balance cords shall be anchored to the head of the jamb by use of a stainless steel clip. The slide shoe (balance shoe) will be attached directly to the balance assembly and ride with the sash in a vertical movement. The sash pivot bar will engage the balance shoe and lock the sash with in a consistent hold to the jamb allowing for no distorting during handling and installation. Sash locks shall be cam type and finished to match the vinyl extrusion color. Locks shall be securely anchored with color matched, self-tapping screws driven through the sash rail and into an extruded aluminum-reinforcing bar. Double locks on opening widths 26" or greater.





# List Pricing

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## Belmont Replacement Picture Window

| SIZE (united inches)  | <55ui                | 56-150ui                   | Feature summary   |
|---|----------------------|----------------------------|---|
| <b>White</b>  | \$2.80ui             | \$3.60ui                   | <ul style="list-style-type: none"> <li>• Welded Frames with Internal Glazing</li> <li>• Warm Edge Insulated Glass</li> <li>• 3 ¼" Frame</li> <li>• Accessory Grooves Inside &amp; Outside</li> <li>• Beveled exterior / Contoured Interior</li> <li>• SS/DS Cardinal Glass</li> <li>• Head and Sill Angle Included</li> </ul> |
| <b>Sandstone</b>  | Add 10%              | Add 10%                    |   |
| <b>Laminated Exterior</b><br>Black<br>*White Interior         | Add 75%              | Add 75%                    |   |
| <b>Painted Exterior</b><br>Black, Bronze, Silver<br>and Green | \$180.00<br>Call For | \$180.00<br>Volume Pricing |   |
| <b>SIZE LIMITATIONS</b>                                       |                      |                            |   |
| Minimum Size 14" x 14"  |                      | Maximum ui:                |   |
| Maximum Size 64" x 84"  |                      | 148                        |   |

### OPTIONS

#### GLASS

|                                    |                      |
|------------------------------------|----------------------|
| Clear                              | Standard             |
| Low-E Glass                        | \$ 12.00 per window  |
| Low-E 270A Performance             | \$ 24.00 per window  |
| Low-E 366A                         | \$36.00 per window   |
| Obscure                            | \$ 14.00 per window  |
| Obscure Low-E                      | \$ 26.00 per window  |
| Obscure Low-E 270A                 | \$ 38.00 per window  |
| Tempered Clear                     | \$ 100.00 per window |
| Tempered Low-E                     | \$ 112.00 per window |
| Tempered Low-E 270A                | \$ 124.00 per window |
| Clear Obscure Tempered             | \$ 114.00 per window |
| Low-E Obscure Tempered             | \$ 126.00 per window |
| Low-E 270A Obscured Tempered       | \$ 138.00 per window |
| Low-E Laminated (.030, .060, .090) | Call For Pricing     |
| Plexiglass With Dryer Vent         | \$ 100.00 per window |

#### GRIDS

|                        |                      |
|------------------------|----------------------|
| Contoured              | \$ 52.00 per window  |
| Flat Grids             | \$ 52.00 per window  |
| SDL Exterior Surface 1 | \$ 100.00 per window |
| SDL Interior Surface 4 | \$ 100.00 per window |
| Prairie                | \$ 26.00 per window  |
| Diamond                | \$ 160.00 per window |
| Custom 2 Toned         | \$ 150.00 per window |

#### OTHER

|                            |                      |
|----------------------------|----------------------|
| Foam Wrap                  | \$ 20.00 per window  |
| Snap on Nailing Fin No J   | \$ 28.00 per window  |
| Snap on Nailing Fin With J | \$ 28.00 per window  |
| Mull Charge                | \$ 24.00 per mullion |

| Test summary  | NFRC       | U-Factor | SHGC | CRF |
|---|------------|----------|------|-----|
| Structural Rating:                                  | Clear      | 0.44     | 0.64 | 44  |
| AAMA/WDMA/CSA 101/IS2/A440-05 C50 – C80             | Low-E      | 0.29     | 0.31 | 57  |
| Air Infiltration: @ 1.56 psf ( 25 mph) 0.02cfm/ft2  | Low-E 270A | 0.25     | 0.31 | 61  |
| Water Penetration: @ 15 psf No Entry                | Low-E 366A | 0.25     | 0.23 | 57  |
| Uniform Structural Load @ 75 psf/interior No Damage |            |          |      |     |



## STERGIS BELMONT Picture Window (Replacement) Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Sash shall be a fixed unit set in a frame. Sash is re-glazable by removing the snap-in glazing bead from the inside.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin uPVC. Main frame profile shall have a nominal wall thickness of .075" and shall have four tubular hollows. On oversized windows, frames shall be reinforced with aluminum.

**Frame Construction:** Frame profile shall be designed to install as a new construction unit with nailing fin and J channel or be fitted with a one piece head expander and sill angle for replacement installation. Overall frame depth shall be 3 1/4". Main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. New construction jamb depths can be met using a wood extension jamb to meet the 4 9/16" or 6 9/16" wall.

**Sash Construction:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Available Finishes:** Shall be solid vinyl throughout in white or almond. Optional wood grain interior and custom color are optional.

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## Belmont Replacement Casements/Awnings

| SIZE (united inches)   | 46-75ui              | 76-92ui            | Minimum price       | Feature summary   |                  |          |        |     |         |           |           |       |         |           |           |
|--|----------------------|--------------------|---------------------|---|------------------|----------|--------|-----|---------|-----------|-----------|-------|---------|-----------|-----------|
| <b>White</b>   | \$4.50ui             | \$4.90ui           | \$200.00            | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Fully welded frame and sash</li> <li>• Header and Sill expander included</li> <li>• Warm Edge Insulated Glass ¾"</li> <li>• Truth Multi-Point Lock</li> <li>• Heavy Duty Detachable Hinges</li> <li>• Corrosion Resistant Hardware</li> <li>• SS/DS Cardinal Glass</li> <li>• Specify Nailing fin with J Channel if required</li> <li>• Over sized windows may require an additional charge for upgraded hardware</li> <li>• Full Aluminum Screen</li> </ul> |                  |          |        |     |         |           |           |       |         |           |           |
| <b>Sandstone</b>   | Add 10%              | Add 10%            | \$220.00            |   |                  |          |        |     |         |           |           |       |         |           |           |
| <b>Laminated Exterior</b><br>Black<br>*White Interior  | Add 75%              | Add 75%            | Add 75%             |   |                  |          |        |     |         |           |           |       |         |           |           |
| <b>Painted Exterior</b><br>Black, Bronze, Silver, Green  | \$180.00<br>Call For | \$180.00<br>Volume | \$180.00<br>Pricing |   |                  |          |        |     |         |           |           |       |         |           |           |
| <table border="1"> <thead> <tr> <th>Size Limitations</th> <th>Casement</th> <th>Awning</th> <th>MAX</th> </tr> </thead> <tbody> <tr> <td>Minimum</td> <td>15" x 15"</td> <td>20" x 15"</td> <td>108ui</td> </tr> <tr> <td>Maximum</td> <td>36" x 72"</td> <td>48" x 36"</td> <td></td> </tr> </tbody> </table> |                      |                    |                     |   | Size Limitations | Casement | Awning | MAX | Minimum | 15" x 15" | 20" x 15" | 108ui | Maximum | 36" x 72" | 48" x 36" |
| Size Limitations   | Casement             | Awning             | MAX                 |   |                  |          |        |     |         |           |           |       |         |           |           |
| Minimum  | 15" x 15"            | 20" x 15"          | 108ui               |   |                  |          |        |     |         |           |           |       |         |           |           |
| Maximum  | 36" x 72"            | 48" x 36"          |                     |   |                  |          |        |     |         |           |           |       |         |           |           |

Double/ Triple Price as Sums of Individual Units  
HINGING IS DENOTED FROM EXTERIOR

### OPTIONS

#### GLASS

|                                   |                    |
|-----------------------------------|--------------------|
| Clear                             | Standard           |
| Low-E                             | \$ 12.00 per sash  |
| Low-E 270A Performance            | \$ 24.00 per sash  |
| Low-E 366A                        | \$ 36.00 per sash  |
| Obscure                           | \$ 14.00 per sash  |
| Obscure Low-E                     | \$ 26.00 per sash  |
| Obscure Low-E 270A                | \$ 38.00 per sash  |
| Tempered Clear                    | \$ 100.00 per sash |
| Tempered Low-E                    | \$ 112.00 per sash |
| Tempered Low-E 270A               | \$ 124.00 per sash |
| Clear Obscure Tempered            | \$ 114.00 per sash |
| Low-E Obscure Tempered            | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered       | \$ 138.00 per sash |
| Low-E Laminated(.030, .060, .090) | Call For Pricing   |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Exterior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### OTHER

|                            |                      |
|----------------------------|----------------------|
| Folding Handle             | \$ 20.00 per handle  |
| Foam Wrap                  | \$ 20.00 per window  |
| Snap on Nailing Fin No J   | \$ 28.00 per window  |
| Snap on Nailing Fin With J | \$ 28.00 per window  |
| Mull Charge                | \$ 24.00 per mullion |

#### SCREEN

|                 |                |
|-----------------|----------------|
| Full Fiberglass | Available      |
| Full Pet        | \$ 0.70 per ui |

| TEST SUMMARY  | NFRC       | U-Factor | SHGC | CRF |
|---|------------|----------|------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05<br>R50 – LC 55   | Clear      | 0.43     | 0.57 | 44  |
| Air infiltration :@ 1.56 psf  | Low-E      | 0.30     | 0.27 | 55  |
| Water Penetration :@ 12.00 psf  | Low-E 270A | 0.27     | 0.27 | 55  |
| Uniform Structural Load :@ 6.0 psf<br>Uniform Load Deflection : @ 4.0 psf<br>Deglazing<br>Forced Resistance | Low-E 366A | 0.26     | 0.20 | 60  |



# STERGIS BELMONT

## Vinyl Casement/Awning (Replacement)

### Architect's Specifications

#### Residential and Light Commercial Applications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Window sash shall open out from the frame jamb by means of a roto-operator crank assembly. Sash shall pivot at the jamb on two stainless steel hinges located at the main frame head and sill. Multi-point sash locks shall be located at the jamb and shall function to both secure the opening and ensure a tight sash to jamb triple weather stripping compression seals.

**Materials:** All vinyl extrusions shall be rigid 100% virgin PVC. Main frame profiles shall have a nominal wall thickness of .075" and six tubular hollows for maximum strength, thermal efficiency, and welded corner integrity. Sash profiles shall have a nominal wall thickness of .075" and shall contain four tubular hollows.

**Frame Construction:** Frame includes a head and sill expander for replacement application's . Overall frame depth shall be 3 1/4". Window main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. Optional J channel can be factory applied

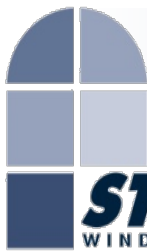
**Sash Construction:** Sash frame shall be miter cut and fusion welded with a minimum melt off of 5mm. Glazing will be secured between two co-extruded dual durometer glazing fins and a dual durometer removable snap-glazing bead. Damaged glass shall be replaceable without detaching the sash from the main frame.

**Screen Construction:** Screen wire shall be 18x16 mesh non-glare charcoal finished aluminum, securely held in place with corrugated vinyl screen spline. Frame shall be of hollow extruded design and shall include an exterior leg which forms a screen to frame overlap in the assembled unit to eliminate any perimeter gap once the screen is installed. Screen shall be secured in place with two spring loaded "L" clips at each screen jamb.

**Available Finishes:** Color shall be solid vinyl throughout in white or almond

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** Weather stripping shall be compression bulb type. One course shall be applied around the full sash perimeter and a second around the main frame perimeter to provide continuous double seal between the main frame and sash.



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## Belmont Cellar/Hopper Windows/Vinyl Deadlites

| SIZE (united inches)                                      | <55              | 56-70ui                | Minimum Price       | Feature summary   |
|---|------------------|------------------------|---------------------|---|
| <b>White</b>  | \$2.80ui         | \$3.00ui               | \$150               | <ul style="list-style-type: none"> <li>• Pivoting Sash for Venting and Cleaning</li> <li>• Sloped Sill</li> <li>• 3 ¼ " Frame Depth</li> <li>• Bottom Hinge Only</li> <li>• Head expander and Sill angle included</li> <li>• Full Aluminum Screen Standard</li> </ul> |
| <b>Sandstone</b>  | Add 10%          | Add 10%                | Add 10%             |   |
| <b>Laminated Exterior</b><br>Black<br>*White Interior     | Add 75%          | Add 75%                | Add 75%             |   |
| <b>Painted Exterior</b><br>Black, Bronze Silver,<br>Green | \$180.00<br>Call | \$180.00<br>For Volume | \$180.00<br>Pricing |   |

### SIZE LIMITATIONS

|                |             |
|----------------|-------------|
| Minimum        | 16 ½" x 12" |
| Maximum Width  | 36"         |
| Maximum Height | 32 ½"       |

| DEADLITE         | Price per ui | Feature summary                         |
|------------------|--------------|---|
| <b>White</b>     | \$2.50       | <p>FIXED INSERT ONLY<br/>1 ¼" FRAME</p> |
| <b>Sandstone</b> | Add 10%      |   |
|                  |              |   |

### OPTIONS

#### GLASS

|                                    |                    |
|------------------------------------|--------------------|
| Clear                              | Standard           |
| Low-E                              | \$ 12.00 per sash  |
| Low-E 270A Performance             | \$ 24.00 per sash  |
| Low-E 366A                         | \$ 36.00 per sash  |
| Obscure                            | \$ 14.00 per sash  |
| Obscure Low-E                      | \$ 26.00 per sash  |
| Obscure Low-E 270A                 | \$ 38.00 per sash  |
| Tempered Clear                     | \$ 100.00 per sash |
| Tempered Low-E                     | \$ 112.00 per sash |
| Tempered Low-E 270A                | \$ 124.00 per sash |
| Clear Obscure Tempered             | \$ 114.00 per sash |
| Low-E Obscure Tempered             | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered        | \$ 138.00 per sash |
| Low-E Laminated (.030, .060, .090) | Call For Pricing   |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### OTHER

|                            |                      |
|----------------------------|----------------------|
| Foam Wrap                  | \$ 20.00 per window  |
| Snap on Nailing Fin No J   | \$ 28.00 per window  |
| Snap on Nailing Fin With J | \$ 28.00per window   |
| Mull Charge                | \$ 24.00 per mullion |

#### SCREEN

|                 |                |
|-----------------|----------------|
| Full Fiberglass | Standard       |
| Full Pet        | \$ 0.70 per ui |



## STERGIS BELMONT Cellar/Hopper Window Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Window shall open in from the frame top by means of a cam handle assembly. Sash shall pivot at the bottom on two stainless steel hinges located at each main frame jamb. The cam handle shall be the locking device located at the top rail sash and shall ensure tight sash to jamb weather stripping compression.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin uPVC. Main frame profiles shall have a nominal wall thickness of .065" and shall be designed such that there are five tubular hollows for maximum strength, thermal efficiency and welded corner integrity.

**Frame Construction:** Frame profile shall be designed to either accept a snap-on nail fin or to be fitted with a one-piece head expander and sill angle as job conditions require. Overall frame depth shall be 3 1/4". Window main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. The main frame jambs shall contain an extruded aluminum reinforcing bar to provide a secure anchor for the hinge screws.

**Sash Construction:** Frame shall be miter cut and joined with heavy duty glass filled nylon corner keys, mechanically fastened and sealed with a siliconized latex sealant.

**Screen Construction:** Frame shall be hollow extruded design and the wire shall be 18x16 mesh non-glare charcoal finished aluminum. There will be an overlap on the edge of screen frame. Spring clips shall be installed on both jamb sides to keep screen tight to window frame.

**Available Finishes:** Shall be solid vinyl throughout in white or almond. Optional wood grain interior and custom color exterior is optional.

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** Weather stripping shall be two soft durometer legs applied to the perimeter of the interior face of the sash. The third piece of weather stripping shall be one course of fin type weather seal applied to the perimeter of the sash exterior.

**Hardware:** Two piece cam turn handle lock with striker. 90 degree rotation of the handle lock unlocks the vent. All exposed surfaces of hardware shall be color matched to the vinyl color selected. Locks shall be securely anchored with self-tapping screws driven through the sash rail and into an extruded aluminum reinforcing bar.

# List Pricing



## Belmont Replacement Sliding Window

| SIZE ( united inches)                                  | <55              | 56-70ui                | Minimum Price       | Feature summary  |
|--|------------------|------------------------|---------------------|--|
| <b>White</b>   | \$2.80ui         | \$3.00ui               | \$150               | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Fully welded frame and sash</li> <li>• Double Full interlock at the meeting rails</li> <li>• Header and sill expander included</li> <li>• Double Locks over 26" heights</li> <li>• ¾ " Warm Edge Insulated Glass Duralite</li> <li>• Dual Tandem axle roller wheels</li> <li>• Removable Sashes for easy cleaning</li> <li>• SS/DS Cardinal Glass</li> <li>• ½ Screen Standard</li> </ul> |
| <b>Sandstone</b>                                       | Add 10%          | Add 10%                | Add 10%             |  |
| <b>Laminated Exterior</b><br>Black<br>*White Interior  | Add 75%          | Add 75%                | Add 75%             |  |
| <b>Painted Exterior</b><br>Black, Bronze Silver, Green | \$180.00<br>Call | \$180.00<br>For Volume | \$290.00<br>Pricing |  |

|        | SIZE      |            | LIMITATIONS |     | Max Height |
|--------|-----------|------------|-------------|-----|------------|
|        | Min Width | Min Height | Max Width   |     |            |
| 2-Lite | 30"       | 15"        | 80"         | 60" |            |
| 3-Lite | 46 ½"     | 15"        | 120"        | 60" |            |

### OPTIONS

#### GLASS

|                             |                    |
|-----------------------------|--------------------|
| Clear                       | Standard           |
| Low-E                       | \$ 12.00 per sash  |
| Low-E 270A Performance      | \$ 24.00 per sash  |
| Low-E 366A                  | \$ 36.00 per sash  |
| Obscure                     | \$ 14.00 per sash  |
| Obscure Low-E               | \$ 26.00 per sash  |
| Obscure Low-E 270A          | \$ 38.00 per sash  |
| Tempered Clear              | \$ 100.00 per sash |
| Tempered Low-E              | \$ 112.00 per sash |
| Tempered Low-E 270A         | \$ 124.00 per sash |
| Clear Obscure Tempered      | \$ 114.00 per sash |
| Low-E Obscure Tempered      | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered | \$ 138.00 per sash |
| Low-E Laminated             | \$ 100.00 per sash |

#### SCREEN

|                                     |                |
|-------------------------------------|----------------|
| ½ Screen ( aluminum or fiberglass ) | Standard       |
| Full Aluminum                       | \$ 0.25 per ui |
| Full Fiberglass                     | \$ 0.70 per ui |
| Full Pet                            |                |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### OTHER

|                            |                      |
|----------------------------|----------------------|
| Foam Wrap                  | \$ 20.00 per window  |
| Snap on Nailing Fin No J   | \$ 28.00 per window  |
| Snap on Nailing Fin With J | \$ 28.00 per window  |
| Mull Charge                | \$ 24.00 per mullion |

| TEST SUMMARY   | NFRC        | U-Factor | SHGC | CRF |
|--|-------------|----------|------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05<br>R 25 – R50 | Clear Glass | 0.45     | 0.59 | 45  |
| Air infiltration: @ 1.56 psf (25 mph)                          | Low-E       | 0.31     | 0.29 | 58  |
| Water Penetration: @ 5.25 psf                                  | Low-E 270A  | 0.28     | 0.28 | 62  |
| Uniform Structural Load: @ 5.25 psf                            | Low-E 366A  | 0.27     | 0.21 | 62  |
| Uniform Load Deflection @ 35 psf                               |             |          |      |     |
| Deglazed   |             |          |      |     |
| Forced Entry Resistance  |             |          |      |     |



## STERGIS BELMONT Welded Slider Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** The sliding window shall be of two track design and have two operating sash. In the closed position, sashes shall interlock to provide a full height weather seal. Cam-type locks shall be used to secure sash. Both sash shall lift out for easy cleaning. Half screen shall be standard and located on the outside channel.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin PVC. Main frame jambs shall have a nominal wall thickness of .065" and include four tubular hollows. Sash profiles shall have a nominal wall thickness of .065" and contain three tubular hollows. Sash profiles shall have four non-rigid PVC glazing legs in the glazing pocket.

**Frame Construction:** The frame and the head and sill will be miter cut and fusion welded with a minimum melt off of 5mm. The frame sill shall contain two sash track inserts and a screen track on the exterior. Frame minimum wall thickness shall be .065". Frame depth shall be 3 1/4". Frame profile shall accept either a slide-in nail fin or an adjustable head expander and sill angle as job conditions require.

**Sash Construction:** Sash frame shall be miter cut and fastened with an injection molded corner key. Each sash shall have an integral pull rail which will be the full height of sash. Lock and keeper shall be applied to vertical center rails. Two ball bearing rollers per sash shall be recessed into bottom rail. Sash interlock shall be slide type providing a tight weather seal. Reinforcing shall be installed at the sash meeting rails. Heights 48 1/4" to 60" shall have reinforcing installed in all sash heights. Two-lite units over 72" wide or greater or three lite units 108 1/4" or greater shall have reinforcing installed in all sash widths.

**Available Finishes:** Shall be solid vinyl throughout in white or almond.

**Screen Construction:** Half-screen standard. Frame shall be of hollow extruded design with a .055" wall thickness. Wire cloth shall be 18x16 mesh non-glare charcoal finished aluminum. Corners will be staked with die cast corners.

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** Shall be full perimeter, double fin-type weather seal on sash. The meeting rail shall be a triple seal interlock, consisting of one piece fin type weather seal on each rail and one bulb type seal the full height of the interlock.

**Hardware:** Rollers on bottom of sash to be ball bearing in injection molded housings. Sash locks shall be cam-type and finished to match the vinyl extrusion color.



# List Pricing

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## Windgate New Construction Double Hung

| SIZE (united inches)                                  | <83              | 84-100                 | >101                | Feature summary  |
|---|------------------|------------------------|---------------------|--|
| <b>White</b>  | \$ 240           | \$ 260                 | \$ 3.50ui           | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Full Aluminum or Fiberglass Screen</li> <li>• Fully welded frame and sash</li> <li>• Stainless Steel Coastal Hardware</li> <li>• Double locks over 26" widths</li> <li>• Double weather-stripped sash</li> <li>• ¾" Warm Edge Insulated Glass Duralite</li> <li>• Tilting sash for easy cleaning</li> <li>• DS/SS Cardinal Glass</li> </ul> |
| <b>Sandstone</b>                                      | Add 10%          | Add 10%                | Add 10%             |  |
| <b>Laminated Exterior</b><br>Black<br>*White Interior | Add 75%          | Add 75%                | Add 75%             |  |
| <b>Custom Painted Exterior</b>                        | \$180.00<br>Call | \$180.00<br>For Volume | \$290.00<br>Pricing |  |
| <b>SIZE LIMITATIONS</b>                               |                  |                        |                     |  |
| Minimum Width   | 16"              | Minimum Height         | 24"                 |  |
| Maximum Width   | 46"              | Maximum Height         | 76"                 |  |
| Recommended Uses: Residential and Light Commercial    |                  |                        |                     |  |

### OPTIONS

#### GLASS

|                                    |                    |
|------------------------------------|--------------------|
| Clear                              | Standard           |
| Low-E                              | \$ 12.00 per sash  |
| Low-E 270A Performance             | \$ 24.00 per sash  |
| Low-E 366A                         | \$ 36.00 per sash  |
| Obscure                            | \$ 14.00 per sash  |
| Obscure Low-E                      | \$ 26.00 per sash  |
| Obscure Low-E 270A                 | \$ 38.00 per sash  |
| Tempered Clear                     | \$ 100.00 per sash |
| Tempered Low-E                     | \$ 112.00 per sash |
| Tempered Low-E 270A                | \$ 124.00 per sash |
| Clear Obscure Tempered             | \$ 114.00 per sash |
| Low-E Obscure Tempered             | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered        | \$ 138.00 per sash |
| Low-E Laminated (.030, .060, .090) | Call for Pricing   |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### SCREENS

|              |                |
|--------------|----------------|
| Half Screens | Available      |
| Half Pet     | \$ 0.70 per ui |
| Full Pet     | \$ 0.70 per ui |

#### OTHER

|                                   |                      |
|-----------------------------------|----------------------|
| NE Flat Casing 3 ½ - No Sill      | \$ 90.00 per window  |
| NE Flat Casing 3 ½ - With Sill    | \$ 100.00 per window |
| Salem Trim No Sill                | \$ 90.00 per window  |
| Salem Trim With Sill              | \$ 100.00 per window |
| 4 9/16" Primed Extension Jamb     | \$ 50.00 per window  |
| 6 9/16" Primed Extension Jamb     | \$ 70.00 per window  |
| 4 5/8" Adjustable Extension Jamb  | \$ 65.00 per window  |
| 6 6/8" Adjustable Extension Jamb  | \$ 80.00 per window  |
| Custom Size Extension Jamb        | Available            |
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 20.00 per mullion |
| 0 Degree Structural Mull ½"       | \$ 75.00 per mullion |

### TEST SUMMARY

|  | NFRC       | U-Factor | SHGC | CRF |
|--|------------|----------|------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05 R35 – R50 | Clear      | 0.45     | 0.60 | 45  |
| Air infiltration: @ 1.56 psf (mph)                         | Low-E      | 0.31     | 0.29 | 57  |
| Water Penetration: @ 6 psf                                 | Low-E 270A | 0.28     | 0.29 | 61  |
| Uniform Structural Load: @ 40 psf                          | Low-E 366A | 0.27     | 0.21 | 61  |
| Uniform Load Deflection: @ 60 psf                          |            |          |      |     |
| Deglazing  |            |          |      |     |
| Forced Entry Resistance                                    |            |          |      |     |



# STERGIS WINDGATE

## Double Hung (New Construction)

### Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Sash shall be counterbalanced to remain as placed during window operation. Both sash shall tilt inwards for cleaning exterior glass surface. The top sash stiles shall be fitted with two security latches which, when extended, shall prevent the bottom sash from being opened more than three inches. Sash locks shall function to secure the opening and, through a cam-action mechanism, draw the interlocking meeting rails together for a tight seal. Window screens shall be of side load design and include provisions for spring loaded latches located at each end of the bottom rail.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin uPVC. The jambs shall have a nominal wall thickness of .065" and shall include five tubular hollows for maximum strength and thermal efficiency. The sill shall have a nominal wall thickness of .065" and shall contain multiple hollows for strength.. Sash profiles shall have a nominal wall thickness of .065". The interlock meeting rail will be reinforced with tempered aluminum to which the locks are firmly secured. Sash lift rails shall be integral to the sash extrusion. Sash meeting rails shall include an integral leg, which shall provide positive meeting rail interlock in the assembled unit.

**Frame Construction:** Frame profile shall be designed to install as a new construction with nailing fin and integral J channel. Overall frame depth shall be 3 1/4". Window main frame header will be miter cut and welded with a minimum melt off of 5mm. The sill will be compound cut and welded construction for positive seal and esthetics. Drain weeps under the screen track will provide a quicker drainage of the sloped sill without compromise to performance.

**Sash Construction:** Sash frame shall be miter cut and fusion welded at the corners. Each welded sash top rail shall conceal a self-aligning spring-loaded sash release latch. Each welded sash shall have recessed, heavy wall pivot bars screwed in place by stainless screws at the bottom sash corners. Glazing shall be secured in place with a dual-durometer snap in a glazing bead along the exterior perimeter of sash. Widths 30 1/4" to 36 1/8" shall have steel reinforcements at the meeting rails. Widths from 36 1/4" to 48" shall have reinforcements at all sash horizontals. Heights from 72" shall have reinforcements at all sash verticals.

**Available Finishes:** Shall be solid vinyl throughout in white or Almond.

**Screen Construction:** Full Screen standard. Frame shall be of hollow extruded design with a .055" wall thickness and the wire shall be 18x16 mesh non-glare charcoal finished aluminum. Corners will be staked with die cast corners. The bottom rail shall have a spring loaded release latch on each side to lock the screen in place. The locking device will engage into the master frame wall and not be visible from the exterior.

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

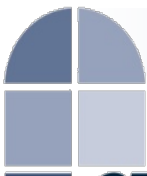
**Weather stripping:** A minimum of two courses of solid barrier fin-type weather stripping shall be applied at the crack perimeter (excluding sill) of the window. The bottom sash rail shall fit the sill so that two fin and one closed-cell bulb weather seals engage completely. The interlock will consist of two weather seals attached to the full interlock from jamb to jamb

**Hardware:** Sash balances shall be factory calibrated block and tackle balances. Balance cords shall be anchored to the head of the jamb by use of a stainless steel clip. The slide shoe (balance shoe) will be attached directly to the balance assembly and ride with the sash in a vertical movement. The sash pivot bar will engage the balance shoe and lock the sash with in a consistent hold to the jamb allowing for no distorting during handling and installation. Sash locks shall be cam type and finished to match the vinyl extrusion color. Locks shall be securely anchored with color matched, self-tapping screws driven through the sash rail and into an extruded aluminum-reinforcing bar. Double locks on opening widths 30 1/4" or greater.

**Weather stripping:** A minimum of two courses of solid barrier fin-type weather stripping shall be applied at the crack perimeter (excluding sill) of the window. The bottom sash rail shall fit the sill so that two fin and one closed-cell bulb weather seals engage completely. The interlock will consist of two weather seals attached to the full interlock from jamb to jamb

**Hardware:** Sash balances shall be factory calibrated block and tackle balances. Balance cords shall be anchored to the head of the jamb by use of a stainless steel clip. The slide shoe (balance shoe) will be attached directly to the balance assembly and ride with the sash in a vertical movement. The sash pivot bar will engage the balance shoe and lock the sash with in a consistent hold to the jamb allowing for no distorting during handling and installation. Sash locks shall be cam type and finished to match the vinyl extrusion color. Locks shall be securely anchored with color matched, self-tapping screws driven through the sash rail and into an extruded aluminum-reinforcing bar. Double locks on opening widths 30 1/4" or greater.

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## Windgate New Construction Single Hung

| SIZE (united inches)                                  | <83              | 84-100                 | >101                | Feature summary  |
|---|------------------|------------------------|---------------------|--|
| <b>White</b>  | \$ 230           | \$ 250                 | \$ 3.50ui           | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Aluminum Half Screen</li> <li>• Fully welded frame and sash</li> <li>• Stainless Steel Coastal Hardware</li> <li>• Double locks over 26" widths</li> <li>• Double weather-stripped sash</li> <li>• ¾" Warm Edge Insulated Glass Duralite</li> <li>• Tilting sash for easy cleaning</li> <li>• DS/SS Cardinal Glass</li> </ul> |
| <b>Sandstone</b>                                      | Add 10%          | Add 10%                | Add 10%             |  |
| <b>Laminated Exterior</b><br>Black<br>*White Interior | Add 75%          | Add 75%                | Add 75%             |  |
| <b>Custom Painted Exterior</b>                        | \$180.00<br>Call | \$180.00<br>For Volume | \$290.00<br>Pricing |  |
| <b>SIZE LIMITATIONS</b>                               |                  |                        |                     |  |
| Minimum Width   | 16"              | Minimum Height         | 24"                 |  |
| Maximum Width   | 46"              | Maximum Height         | 76"                 |  |
| Recommended Uses: Residential and Light Commercial    |                  |                        |                     |  |

### OPTIONS

#### GLASS

|                                   |                    |
|-----------------------------------|--------------------|
| Clear                             | Standard           |
| Low-E                             | \$ 12.00 per sash  |
| Low-E 270A Performance            | \$ 24.00 per sash  |
| Low-E 366A                        | \$ 36.00 per sash  |
| Obscure                           | \$ 14.00 per sash  |
| Obscure Low-E                     | \$ 26.00 per sash  |
| Obscure Low-E 270A                | \$ 38.00 per sash  |
| Tempered Clear                    | \$ 100.00 per sash |
| Tempered Low-E                    | \$ 112.00 per sash |
| Tempered Low-E 270A               | \$ 124.00 per sash |
| Clear Obscure Tempered            | \$ 114.00 per sash |
| Low-E Obscure Tempered            | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered       | \$ 138.00 per sash |
| Low-E Laminated (.030, .060,.090) | Call for Pricing   |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### SCREENS

|                 |                |
|-----------------|----------------|
| Half Fiberglass | Available      |
| Half Pet        | \$ 0.70 per ui |

#### OTHER

|                                   |                      |
|-----------------------------------|----------------------|
| NE Flat Casing 3 ½ - No Sill      | \$ 90.00 per window  |
| NE Flat Casing 3 ½ - With Sill    | \$ 100.00 per window |
| Salem Trim No Sill                | \$ 90.00 per window  |
| Salem Trim With Sill              | \$ 100.00 per window |
| 4 9/16" Primed Extension Jamb     | \$ 50.00 per window  |
| 6 9/16" Primed Extension Jamb     | \$ 70.00 per window  |
| 4 5/8" Adjustable Extension Jamb  | \$ 65.00 per window  |
| 6 6/8" Adjustable Extension Jamb  | \$ 80.00 per window  |
| Custom Size Extension Jamb        | Available            |
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 20.00 per mullion |
| 0 Degree Structural Mull ½"       | \$ 75.00 per mullion |

### TEST SUMMARY

| TEST SUMMARY                                     | NFRC          | U-Factor   | SHGC | CRF |
|--|---------------|------------|------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05 | R35 – R50     | Clear      | 0.45 | 45  |
| Air infiltration: @ 1.56 psf (mph)               | 0.14 cfm /ft2 | Low-E      | 0.31 | 57  |
| Water Penetration: @ 6 psf                       | No Entry      | Low-E 270A | 0.28 | 61  |
| Uniform Structural Load: @ 40 psf                | No Damage     | Low-E 366A | 0.27 | 62  |
| Uniform Load Deflection: @ 60 psf                | No Damage     |            |      |     |
| Deglazing  | Pass          |            |      |     |
| Forced Entry Resistance                          | Pass L        |            |      |     |



# STERGIS WINDGATE

## Single Hung (New Construction)

### Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Sash shall be counterbalanced to remain as placed during window operation. Bottom sash shall tilt inwards for cleaning exterior glass surface. The top sash stiles shall be fitted with two security latches which, when extended, shall prevent the bottom sash from being opened more than three inches. Sash locks shall function to secure the opening and, through a cam-action mechanism, draw the interlocking meeting rails together for a tight seal. Window screens shall be of side load design and include provisions for spring loaded latches located at each end of the bottom rail.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin uPVC. The jambs shall have a nominal wall thickness of .065" and shall include five tubular hollows for maximum strength and thermal efficiency. The sill shall have a nominal wall thickness of .065" and shall contain multiple hollows for strength.. Sash profiles shall have a nominal wall thickness of .065". The interlock meeting rail will be reinforced with tempered aluminum to which the locks are firmly secured. Sash lift rails shall be integral to the sash extrusion. Sash meeting rails shall include an integral leg, which shall provide positive meeting rail interlock in the assembled unit.

**Frame Construction:** Frame profile shall be designed to install as a new construction with nailing fin and integral J channel . Overall frame depth shall be 3 1/4". Window main frame header will be miter cut and welded with a minimum melt off of 5mm. The sill will be compound cut and welded construction for positive seal and esthetics. Drain weeps under the screen track will provide a quicker drainage of the sloped sill without compromise to performance.

**Sash Construction:** Sash frame shall be miter cut and fusion welded at the corners. The bottom welded sash top rail shall conceal a self-aligning spring-loaded sash release latch. Each welded sash shall have recessed, heavy wall pivot bars screwed in place by stainless screws at the bottom sash corners. Glazing shall be secured in place with a dual-durometer snap in a glazing bead along the exterior perimeter of sash. Widths 30 1/4" to 36 1/8" shall have steel reinforcements at the meeting rails. Widths from 36 1/4" to 48" shall have reinforcements at all sash horizontals. Heights from 72" shall have reinforcements at all sash verticals.

**Available Finishes:** Shall be solid vinyl throughout in white or Almond.

**Screen Construction:** Full Screen standard. Frame shall be of hollow extruded design with a .055" wall thickness and the wire shall be 18x16 mesh non-glare charcoal finished aluminum. Corners will be staked with die cast corners. The bottom rail shall have a spring loaded release latch on each side to lock the screen in place. The locking device will engage into the master frame wall and not be visible from the exterior.

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** A minimum of two courses of solid barrier fin-type weather stripping shall be applied at the crack perimeter (excluding sill) of the window. The bottom sash rail shall fit the sill so that two fin and one closed-cell bulb weather seals engage completely. The interlock will consist of two weather seals attached to the full interlock from jamb to jamb

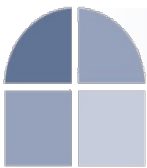
**Hardware:** Sash balances shall be factory calibrated block and tackle balances. Balance cords shall be anchored to the head of the jamb by use of a stainless steel clip. The slide shoe (balance shoe) will be attached directly to the balance assembly and rid with the sash in a vertical movement. The sash pivot bar will engage the balance shoe and lock the sash with in a consistent hold to the jamb allowing for no distorting during handling and installation. Sash locks shall be cam type and finished to match the vinyl extrusion color. Locks shall be securely anchored with color matched, self-tapping screws driven through the sash rail and into an extruded aluminum-reinforcing bar. Double locks on opening widths 30 1/4" or greater.

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## Windgate New Construction Picture/Transom Window

| SIZE (united inches)                                  | <55ui                | 56-150ui                   | Feature summary   |
|---|----------------------|----------------------------|---|
| <b>White</b>  | \$2.80ui             | \$3.60ui                   | <ul style="list-style-type: none"> <li>• Welded Frames with Internal Glazing</li> <li>• Warm Edge Insulated Glass</li> <li>• 3 1/4" Frame</li> <li>• Accessory Grooves Inside &amp; Outside</li> <li>• Beveled exterior / Contoured Interior</li> <li>• SS/DS Cardinal Glass</li> <li>• Head and Sill Angle Included</li> </ul> |
| <b>Sandstone</b>                                      | Add 10%              | Add 10%                    |   |
| <b>Laminated Exterior</b><br>Black<br>*White Interior | Add 75%              | Add 75%                    |   |
| <b>Custom Painted Exterior</b>                        | \$180.00<br>Call For | \$180.00<br>Volume Pricing |   |
| <b>SIZE LIMITATIONS</b>                               |                      |                            |   |
| Minimum Size 14" x 14"<br>Maximum Size 64" x 84"      |                      |                            | Maximum ui:<br>148  |

### OPTIONS

#### GLASS

|                                   |                    |
|-----------------------------------|--------------------|
| Clear                             | Standard           |
| Low-E                             | \$ 12.00 per sash  |
| Low-E 270A Performance            | \$ 24.00 per sash  |
| Low-E 366A                        | \$ 36.00 per sash  |
| Obscure                           | \$ 14.00 per sash  |
| Obscure Low-E                     | \$ 26.00 per sash  |
| Obscure Low-E 270A                | \$ 38.00 per sash  |
| Tempered Clear                    | \$ 100.00 per sash |
| Tempered Low-E                    | \$ 112.00 per sash |
| Tempered Low-E 270A               | \$ 124.00 per sash |
| Clear Obscure Tempered            | \$ 114.00 per sash |
| Low-E Obscure Tempered            | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered       | \$ 138.00 per sash |
| Low-E Laminated (.030, .060,.090) | Call for Pricing   |

#### OTHER

|                                   |                      |
|-----------------------------------|----------------------|
| NE Flat Casing 3 1/2" - No Sill   | \$ 90.00 per window  |
| NE Flat Casing 3 1/2" - With Sill | \$ 100.00 per window |
| Salem Trim No Sill                | \$ 90.00 per window  |
| Salem Trim With Sill              | \$ 100.00 per window |
| 4 9/16" Primed Extension Jamb     | \$ 50.00 per window  |
| 6 9/16" Primed Extension Jamb     | \$ 70.00 per window  |
| 4 5/8" Adjustable Extension Jamb  | \$ 65.00 per window  |
| 6 6/8" Adjustable Extension Jamb  | \$ 80.00 per window  |
| Custom Size Extension Jamb        | Available            |
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| Foam Wrap                         | \$ 20.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 20.00 per mullion |
| 0 Degree Structural Mull 1/2"     | \$ 75.00 per mullion |

#### GRIDS

|                        |                    |
|------------------------|--------------------|
| Contoured              | \$ 52.00 per sash  |
| Flat                   | \$ 52.00 per sash  |
| SDL Exterior Surface 1 | \$ 100.00 per sash |
| SDL Interior Surface 4 | \$ 100.00 per sash |
| Prairie                | \$ 52.00 per sash  |
| Diamond                | \$ 160.00 per sash |
| Custom 2 Toned         | \$ 150.00 per sash |

### TEST SUMMARY

|  |                          | NFRC       | U-Factor | SHGC | CRF |
|--|--------------------------|------------|----------|------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05 | C50 – C80                | Clear      | 0.44     | 0.64 | 44  |
| Air Infiltration: @ 1.56 psf ( 25 mph)           | .02 cfm/ ft <sup>2</sup> | Low-E      | 0.29     | 0.31 | 57  |
| Water Penetration: @ 15 psf                      | No Entry                 | Low-E 270A | 0.25     | 0.31 | 61  |
| Uniform Structural Load @ 75 psf/interior        | No Damage                | Low-E 366A | 0.25     | 0.23 | 57  |



## STERGIS WINDGATE

### Picture Window/Transom (New Construction) Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

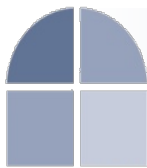
**Operating:** Sash shall be a fixed unit set in a frame. Sash is re-glazable by removing the snap-in glazing bead from the inside.

**Materials:** All vinyl extrusions shall be rigid 100% virgin uPVC. Main frame profile shall have a nominal wall thickness of .075" and shall have four tubular hollows. On oversized windows, frames shall be reinforced with aluminum.

**Frame Construction:** Frame profile shall be designed to install as a new construction unit with nailing fin and J channel or be fitted with a one piece head expander and sill angle for replacement installation. Overall frame depth shall be 3 1/4". Main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. New construction jamb depths can be met using a wood extension jamb to meet the 4 9/16" or 6 9/16" wall.

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Available Finishes:** Shall be solid vinyl throughout in white or almond. Optional wood grain interior and custom color exterior is optional.



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## Windgate New Construction Casements/Awnings

| SIZE (united inches)                                  | 46-75ui          | 76-92ui                | Minimum price       | Feature summary   |
|---|------------------|------------------------|---------------------|---|
| <b>White</b>  | \$4.50ui         | \$4.90ui               | \$200.00            | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Fully welded frame and sash</li> <li>• Header and Sill expander included</li> <li>• Warm Edge Insulated Glass ¾ "</li> <li>• Truth Multi-Point Lock</li> <li>• Heavy Duty Detachable Hinges</li> <li>• Corrosion Resistant Hardware</li> <li>• SS/DS Cardinal Glass</li> <li>• <b>Specify Nailing fin with J Channel if required</b></li> <li>• Over sized windows may require an additional charge for upgraded hardware</li> <li>• Full Aluminum Screen</li> </ul> |
| <b>Sandstone</b>                                      | Add 10%          | Add 10%                | \$220.00            |   |
| <b>Laminated Exterior</b><br>Black<br>*White Interior | Add 75%          | Add 75%                | Add 75%             |   |
| <b>Custom Painted Exterior</b>                        | \$180.00<br>Call | \$180.00<br>For Volume | \$290.00<br>Pricing |   |
| <b>Size Limitations</b>                               | <b>Casement</b>  | <b>Awning</b>          | <b>MAX</b>          |   |
| Minimum   | 15" x 15"        | 20" x 15"              | 108ui               |   |
| Maximum   | 36" x 72"        | 48" x 36"              |                     |   |

Double/ Triple Price as Sums of Individual Units  
HINGING IS DENOTED FROM EXTERIOR

### OPTIONS

#### GLASS

|                                   |                    |
|-----------------------------------|--------------------|
| Clear                             | Standard           |
| Low-E                             | \$ 12.00 per sash  |
| Low-E 270A Performance            | \$ 24.00 per sash  |
| Low-E 366A                        | \$ 36.00 per sash  |
| Obscure                           | \$ 14.00 per sash  |
| Obscure Low-E                     | \$ 26.00 per sash  |
| Obscure Low-E 270A                | \$ 38.00 per sash  |
| Tempered Clear                    | \$ 100.00 per sash |
| Tempered Low-E                    | \$ 112.00 per sash |
| Tempered Low-E 270A               | \$ 124.00 per sash |
| Clear Obscure Tempered            | \$ 114.00 per sash |
| Low-E Obscure Tempered            | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered       | \$ 138.00 per sash |
| Low-E Laminated (.030, .060,.090) | Call for Pricing   |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### SCREENS

|                 |                |
|-----------------|----------------|
| Full Fiberglass | Available      |
| Full Pet        | \$ 0.70 per ui |

#### OTHER

|                                   |                      |
|-----------------------------------|----------------------|
| NE Flat Casing 3 ½ - No Sill      | \$ 90.00 per window  |
| NE Flat Casing 3 ½ - With Sill    | \$ 100.00 per window |
| Salem Trim No Sill                | \$ 90.00 per window  |
| Salem Trim With Sill              | \$ 100.00 per window |
| 4 9/16" Primed Extension Jamb     | \$ 40.00 per window  |
| 6 9/16" Primed Extension Jamb     | \$ 60.00 per window  |
| 4 5/8" Adjustable Extension Jamb  | \$ 65.00 per window  |
| 6 6/8" Adjustable Extension Jam   | \$ 80.00 per window  |
| Custom Size Extension Jamb        | Available            |
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 20.00 per mullion |
| 0 Degree Structural Mull ½"       | \$ 75.00 per mullion |
| Folding Handle                    | \$ 20.00 per handle  |

### TEST SUMMARY

| TEST SUMMARY  | NFRC       | U-Factor | SHGC | CRF |
|---|------------|----------|------|-----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05 R 50 - LC-55<br>Air infiltration :@ 1.56 psf | Clear      | 0.43     | 0.57 | 44  |
| Water Penetration :@ 12.00 psf  | Low-E      | 0.30     | 0.27 | 55  |
| Uniform Structural Load :@ 6.0 psf<br>Uniform Load Deflection : @ 4.0 psf                     | Low-E 270A | 0.27     | 0.27 | 55  |
| Deglazing<br>Forced Resistance  | Low-E 366A | 0.26     | 0.20 | 60  |
|   |            |          |      |     |



# STERGIS WINDGATE

## Vinyl Casement/Awning (New Construction)

### Architect's Specifications

#### Residential and Light Commercial Applications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Window sash shall open out from the frame jamb by means of a truth-operator crank assembly. Sash shall pivot at the jamb on two stainless steel hinges located at the main frame head and sill. Multi-point sash locks shall be located at the jamb and shall function to both secure the opening and ensure a tight sash to jamb triple weather stripping compression seals.

**Materials:** All vinyl extrusions shall be rigid 100% virgin PVC. Main frame profiles shall have a nominal wall thickness of .075" and six tubular hollows for maximum strength, thermal efficiency, and welded corner integrity. Sash profiles shall have a nominal wall thickness of .075" and shall contain four tubular hollows.

**Frame Construction:** Frame provides a new construction fin. Overall frame depth shall be 3 1/4". Window main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. Optional J channel can be factory applied

**Sash Construction:** Sash frame shall be miter cut and fusion welded with a minimum melt off of 5mm. Glazing will be secured between two co-extruded dual durometer glazing fins and a dual durometer removable snap-glazing bead. Damaged glass shall be replaceable without detaching the sash from the main frame.

**Screen Construction:** Screen wire shall be 18x16 mesh non-glare charcoal finished aluminum, securely held in place with corrugated vinyl screen spline. Frame shall be of hollow extruded design and shall include an exterior leg which forms a screen to frame overlap in the assembled unit to eliminate any perimeter gap once the screen is installed. Screen shall be secured in place with two spring loaded "L" clips at each screen jamb.

**Available Finishes:** Color shall be solid vinyl throughout in white or almond

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** Weather stripping shall be compression bulb type. One course shall be applied around the full sash perimeter and a second around the main frame perimeter to provide continuous double seal between the main frame and sash.



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## Windgate New Construction Sliding Window

| SIZE(united inches)                                   | <80              | 81-100                 | >101                | Feature summary   |
|---|------------------|------------------------|---------------------|---|
| <b>White</b>  | \$3.20ui         | \$3.60ui               | \$4.00ui            | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Fully welded frame and sash</li> <li>• Double Full interlock at the meeting rails</li> <li>• Header and sill expander included</li> <li>• Double Locks over 26" heights</li> <li>• ¾" Warm Edge Insulated Glass Duralite</li> <li>• Dual Tandem axle roller wheels</li> <li>• Removable Sashes for easy cleaning</li> <li>• SS/DS Cardinal Glass</li> <li>• ½ Screen Standard</li> </ul> |
| <b>Sandstone</b>                                      | Add 10%          | Add 10%                | \$4.00ui            |   |
| <b>Laminated Exterior</b><br>Black<br>*White Interior | Add 75%          | Add 75%                | Add 75%             |   |
| <b>Custom Painted Exterior</b>                        | \$180.00<br>Call | \$180.00<br>For Volume | \$290.00<br>Pricing |   |

### SIZE LIMITATIONS

|        | Minimum Width | Minimum Height | Maximum Width | Maximum Height |
|--------|---------------|----------------|---------------|----------------|
| 2-Lite | 30"           | 15"            | 80"           | 60"            |
| 3-Lite | 46 ½"         | 15"            | 120"          | 60"            |

### OPTIONS

#### GLASS

|                                   |                    |
|-----------------------------------|--------------------|
| Clear                             | Standard           |
| Low-E                             | \$ 12.00 per sash  |
| Low-E 270A Performance            | \$ 24.00 per sash  |
| Low-E 366A                        | \$ 36.00 per sash  |
| Obscure                           | \$ 14.00 per sash  |
| Obscure Low-E                     | \$ 26.00 per sash  |
| Obscure Low-E 270A                | \$ 38.00 per sash  |
| Tempered Clear                    | \$ 100.00 per sash |
| Tempered Low-E                    | \$ 112.00 per sash |
| Tempered Low-E 270A               | \$ 124.00 per sash |
| Clear Obscure Tempered            | \$ 114.00 per sash |
| Low-E Obscure Tempered            | \$ 126.00 per sash |
| Low-E 270A Obscure Tempered       | \$ 138.00 per sash |
| Low-E Laminated (.030, .060,.090) | Call for Pricing   |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### SCREENS

|                             |                |
|-----------------------------|----------------|
| Half Pet                    | \$ 0.70 per ui |
| Full Pet                    | \$ 0.70 per ui |
| Full Aluminum or Fiberglass | \$ 15.00       |

#### OTHER

|                                   |                      |
|-----------------------------------|----------------------|
| NE Flat Casing 3 ½ - No Sill      | \$ 90.00 per window  |
| NE Flat Casing 3 ½ - With Sill    | \$ 100.00 per window |
| Salem Trim No Sill                | \$ 90.00 per window  |
| Salem Trim With Sill              | \$ 100.00 per window |
| 4 9/16" Primed Extension Jamb     | \$ 40.00 per window  |
| 6 9/16" Primed Extension Jamb     | \$ 60.00 per window  |
| 4 5/8" Adjustable Extension Jamb  | \$ 65.00 per window  |
| 6 6/8" Adjustable Extension Jamb  | \$ 80.00 per window  |
| Custom Size Extension Jamb        | Available            |
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| Foam Wrap                         | \$ 20.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 20.00 per mullion |
| 0 Degree Structural Mull ½"       | \$ 75.00 per mullion |

### TEST SUMMARY

|  | NFRC         | U-Factor    | SHGC | CRF  |    |
|--|--------------|-------------|------|------|----|
| Structural Rating: AAMA/WDMA/CSA 101/IS2/A440-05 | R 25 – R 50  | Clear Glass | 0.45 | 0.59 | 45 |
| Air infiltration: @ 1.56 psf (25 mph)            | 0.13 fm / t2 | Low-E       | 0.31 | 0.29 | 58 |
| Water Penetration: @ 5.25 psf                    | No Entry     | Low-E 270A  | 0.28 | 0.28 | 62 |
| Uniform Structural Load: @ 5.25 psf              | No Damage    | Low-E 366A  | 0.27 | 0.21 | 62 |
| Uniform Load Deflection @ 35 psf                 | No Damage    |             |      |      |    |
| Deglazed   | Pass         |             |      |      |    |
| Forced Entry Resistance                          | Pass         |             |      |      |    |



# STERGIS WINDGATE

## Welded Slider (New Construction)

### Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** The sliding window shall be of two track design and have two operating sash. In the closed position, sashes shall interlock to provide a full height weather seal. Cam-type locks shall be used to secure sash. Both sash shall lift out for easy cleaning. Half screen shall be standard and located on the outside channel.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin PVC. Main frame jambs shall have a nominal wall thickness of .065" and include four tubular hollows. Sash profiles shall have a nominal wall thickness of .065" and contain three tubular hollows. Sash profiles shall have four non-rigid PVC glazing legs in the glazing pocket.

**Frame Construction:** The frame is fabricated with a Nailing fin and integral J channel for new construction. The frame and the head and sill will be miter cut and fusion welded with a minimum melt off of 5mm. The frame sill shall contain two sash track inserts and a screen track on the exterior. Frame minimum wall thickness shall be .065". Frame depth shall be 3 1/4". An extension jamb will be used to fill the wall depth for 4 9/16" or 6 9/16" .

**Sash Construction:** Sash frame shall be miter cut and fastened with an injection molded corner key. Each sash shall have an integral pull rail which will be the full height of sash. Lock and keeper shall be applied to vertical center rails. Two ball bearing rollers per sash shall be recessed into bottom rail. Sash interlock shall be slide type providing a tight weather seal. Reinforcing shall be installed at the sash meeting rails. Heights 48 1/4" to 60" shall have reinforcing installed in all sash heights. Two-lite units over 72 " wide or greater or three lite units 108 1/4" or greater shall have reinforcing installed in all sash widths.

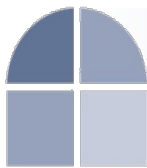
**Available Finishes:** Shall be solid vinyl throughout in white or almond.

**Screen Construction:** Full-screen standard. Frame shall be of hollow extruded design with a .055" wall thickness. Wire cloth shall be 18x16 mesh non-glare charcoal finished aluminum. Corners will be staked with die cast corners.

**Glazing:** Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via CBA and SIGMA standards in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

**Weather stripping:** Shall be full perimeter, double fin-type weather seal on sash. The meeting rail shall be a triple seal interlock, consisting of one piece fin type weather seal on each rail and one bulb type seal the full height of the interlock.

**Hardware:** Rollers on bottom of sash to be ball bearing in injection molded housings. Sash locks shall be cam-type and finished to match the vinyl extrusion color.



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## Stormgate Impact New Construction Double Hung

| SIZE (united inches)   | <83                  | 84 +                       | Feature summary  |
|--|----------------------|----------------------------|--|
| <b>White</b>   | \$ 598               | Add \$ 6.60 per ui         | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Half Aluminum or Fiberglass Screen Standard</li> <li>• Fully welded frame and sash</li> <li>• Stainless Steel Coastal Hardware</li> <li>• Double locks over 26" widths</li> <li>• Double weather-stripped sash</li> <li>• Large Missile Impact Glass</li> <li>• Tilting sash for easy cleaning</li> </ul> |
| <b>Sandstone</b>   | Add 10%              | Add 10%                    |  |
| <b>Laminated Exterior</b><br>Black   | Add 75%              | Add 75%                    |  |
| <b>Painted Exterior</b><br>Black, Bronze Green, Silver                                 | \$180.00<br>Call For | \$180.00<br>Volume Pricing |  |
| <b>SIZE LIMITATIONS</b>  |                      |                            |  |
| Minimum Width 16"      Minimum Height 24"<br>Maximum Width 46"      Maximum Height 76" |                      |                            |  |
| Recommended Uses: Residential and Light Commercial                                     |                      |                            |  |

### OPTIONS

#### GLASS

|                   |                   |
|-------------------|-------------------|
| Impact Clear      | Standard          |
| Impact Low-E      | \$ 12.00 per sash |
| Impact Low-E 270A | \$ 24.00 per sash |
| Impact Low-E 366A | \$ 36.00 per sash |
| Impact Obscure    | call for pricing  |
| Impact Tempered   | \$ 65.00 per sash |

#### OTHER

|                                  |                      |
|----------------------------------|----------------------|
| NE Flat Casing 3 1/2 - No Sill   | \$ 90.00 per window  |
| NE Flat Casing 3 1/2 - With Sill | \$ 100.00 per window |
| Salem Trim No Sill               | \$ 90.00 per window  |
| Salem Trim With Sill             | \$ 100.00 per window |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Contoured              | \$ 26.00 per sash |
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

|                                  |                     |
|----------------------------------|---------------------|
| 4 9/16" Primed Extension Jamb    | \$ 40.00 per window |
| 6 9/16" Primed Extension Jamb    | \$ 60.00 per window |
| 4 5/8" Adjustable Extension Jamb | \$ 65.00 per window |
| 6 6/8" Adjustable Extension Jamb | \$ 80.00 per window |

Custom Size Extension Jamb Available

#### SCREENS

|                 |                     |
|-----------------|---------------------|
| Half Screens    | Standard            |
| Full Aluminum   | \$ 15.00 per window |
| Full Fiberglass | \$ 15.00 per window |
| Half Pet        | \$ 0.70 per ui      |
| Full Pet        | \$ 0.70 per ui      |

|                                   |                      |
|-----------------------------------|----------------------|
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| Foam Wrap                         | \$ 20.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 60.00 per mullion |
| 0 Degree Structural Mull 1/2"     | \$ 75.00 per mullion |

### TEST SUMMARY

| TEST SUMMARY                           |               | NFRC       | U-Factor | SHGC | CRF |
|--|---------------|------------|----------|------|-----|
| Structural Rating: ASTM E1886/E1966-02 | DP50          | Clear      | 0.45     | 0.60 | 45  |
| Structural Pressure                    | 75.00 psf     |            |          |      |     |
| Air infiltration:                      | 0.10 cfm /ft2 | Low-E      | 0.31     | 0.29 | 57  |
| Water Penetration: @ 7.50 psf          | No Entry      | Low-E 270A | 0.28     | 0.29 | 61  |
| Deglazing                              | Pass          |            |          |      |     |
| Forced Entry Resistance                | Pass L        |            |          |      |     |



# STERGIS STORMGATE

## Impact Double Hung

### Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Sash shall be counterbalanced to remain as placed during window operation. Both sashes shall tilt inwards for cleaning exterior glass surface. The top sash stiles shall be fitted with two security latches which, when extended, shall prevent the bottom sash from being opened more than three inches. Sash locks shall function to secure the opening and, through a cam-action mechanism, draw the interlocking meeting rails together for a tight seal. Window screens shall be of side load design and include provisions for spring-loaded latches located at each end of the bottom rail.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin uPVC. The jambs shall have a nominal wall thickness of .065" and shall include five tubular hollows for maximum strength and thermal efficiency. The sill shall have a nominal wall thickness of .065" and shall contain multiple hollows for strength.. Sash profiles shall have a nominal wall thickness of .065". The interlock meeting rail will be reinforced with tempered aluminum to which the locks are firmly secured. Sash lift rails shall be integral to the sash extrusion. Sash meeting rails shall include an integral leg, which shall provide positive meeting rail interlock in the assembled unit.

**Frame Construction:** Frame profile shall be designed to install as a new construction with nailing fin and integral J channel. Overall frame depth shall be 3 1/4". Window mainframe header will be miter cut and welded with a minimum melt off of 5mm. The sill will be compound cut and welded construction for positive seal and esthetics. Drain weeps under the screen track will provide a quicker drainage of the sloped sill without compromise to performance.

**Sash Construction:** Sash frame shall be miter cut and fusion welded at the corners. Each welded sash top rail shall conceal a self-aligning spring-loaded sash release latch. Each welded sash shall have recessed, heavy wall pivot bars screwed in place by stainless screws at the bottom sash corners. Glazing shall be secured in place with a dual-durometer snap in a glazing bead along the exterior perimeter of sash. Widths 30 1/4" to 36 1/8" shall have steel reinforcements at the meeting rails. Widths from 36 1/4" to 48" shall have reinforcements at all sash horizontals. Heights from 72" shall have reinforcements at all sash verticals.

**Available Finishes:** Shall be solid vinyl throughout in white or Almond.

**Screen Construction:** Full Screen standard. Frame shall be of hollow extruded design with a .055" wall thickness and the wire shall be 18x16 mesh non-glare charcoal finished aluminum. Corners will be staked with die cast corners. The bottom rail shall have a spring loaded release latch on each side to lock the screen in place. The locking device will engage into the master frame wall and not be visible from the exterior.

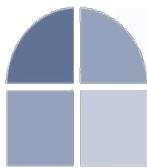
**Glazing:** 3/4" overall laminated glass consisting of the following: One (1) exterior piece of 1/8" annealed glass / one (1) .285" aluminum reinforced butyl spacer system (as stated by manufacturer) / one (1) interior piece of 1/8" annealed glass./ .090" Solutia laminate / one (1) interior piece of 1/8" annealed glass. Exterior glazed with an adhesive structural sealant Sikaflex-552 (as stated by the manufacturer) (refer to drawing # 142194DH\_DP50). The glazing utilized an extruded vinyl snap-in glazing bead measuring .570" wide.

**Weather stripping:** A minimum of two courses of solid barrier fin-type weather stripping shall be applied at the crack perimeter (excluding sill) of the window. The bottom sash rail shall fit the sill so that two fin and one closed-cell bulb weather seals engage completely. The interlock will consist of two weather seals attached to the full interlock from jamb to jamb

**Hardware:** Sash balances shall be factory calibrated block and tackle balances. Balance cords shall be anchored to the head of the jamb by use of a stainless steel clip. The slide shoe (balance shoe) will be attached directly to the balance assembly and rid with the sash in a vertical movement. The sash pivot bar will engage the balance shoe and lock the sash with in a consistent hold to the jamb allowing for no distorting during handling and installation. Sash locks shall be cam type and finished to match the vinyl extrusion color. Locks shall be securely anchored with color matched, self-tapping screws driven through the sash rail and into an extruded aluminum-reinforcing bar. Double locks on opening widths of 30 1/4" or greater.

**TESTING:** ASTM E 1886-02 "Standard Test Method for Performance of Exterior Windows Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials."

ASTM E 1996-02 "Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes



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## Stormgate Impact New Construction Single Hung

| SIZE (united inches)                                   | <83                  | 84-100                     | Feature summary   |
|--|----------------------|----------------------------|---|
| <b>White</b>   | \$ 565               | Add \$ 6.20 per ui         | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Aluminum Half Screen</li> <li>• Fully welded frame and sash</li> <li>• Stainless Steel Coastal Hardware</li> <li>• Double locks over 26" widths</li> <li>• Double weather-stripped sash</li> <li>• Large Missile Impact Glass</li> <li>• Tilting sash for easy cleaning</li> </ul> |
| <b>Sandstone</b>                                       | Add 10%              | Add 10%                    |   |
| <b>Laminated Exterior</b><br>Black                     | Add 75%              | Add 75%                    |   |
| <b>Painted Exterior</b><br>Black, Bronze Green, Silver | \$180.00<br>Call For | \$180.00<br>Volume Pricing |   |
| <b>SIZE LIMITATIONS</b>                                |                      |                            |   |
| Minimum Width  | 16"                  | Minimum Height             | 24"   |
| Maximum Width  | 46"                  | Maximum Height             | 76"   |
| Recommended Uses: Residential and Light Commercial     |                      |                            |   |

### OPTIONS

#### GLASS

|                   |                   |
|-------------------|-------------------|
| Impact Clear      | Standard          |
| Impact Low-E      | \$ 12.00 per sash |
| Impact Low-E 270A | \$ 24.00 per sash |
| Impact Low-E 366A | \$ 36.00 per sash |
| Impact Obscure    | call for pricing  |
| Impact Tempered   | \$ 65.00 per sash |

#### OTHER

|                                   |                      |
|-----------------------------------|----------------------|
| NE Flat Casing 3 1/2 - No Sill    | \$ 90.00 per window  |
| NE Flat Casing 3 1/2 - With Sill  | \$ 100.00 per window |
| Salem Trim No Sill                | \$ 90.00 per window  |
| Salem Trim With Sill              | \$ 100.00 per window |
| 4 9/16" Primed Extension Jamb     | \$ 40.00 per window  |
| 6 9/16" Primed Extension Jamb     | \$ 60.00 per window  |
| 4 5/8" Adjustable Extension Jamb  | \$ 65.00 per window  |
| 6 6/8" Adjustable Extension Jamb  | \$ 80.00 per window  |
| Custom Size Extension Jamb        | Available            |
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| Foam Wrap                         | \$ 20.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 60.00 per mullion |
| 0 Degree Structural Mull 1/2"     | \$ 75.00 per mullion |

#### GRIDS

|                        |                   |
|------------------------|-------------------|
| Flat                   | \$ 26.00 per sash |
| SDL Exterior Surface 1 | \$ 50.00 per sash |
| SDL Interior Surface 4 | \$ 50.00 per sash |
| Prairie                | \$ 26.00 per sash |
| Diamond                | \$ 80.00 per sash |
| Custom 2 Toned         | \$ 75.00 per sash |

#### SCREENS

|                 |          |
|-----------------|----------|
| Half Fiberglass | Standard |
|-----------------|----------|

### TEST SUMMARY

|  |               |
|--|---------------|
| Structural Rating: ASTM E1886/E1966-02 | DP50          |
| Structural Pressure                    | 75.00 psf     |
| Air infiltration:                      | 0.17 cfm /ft2 |
| Water Penetration: @ 7.50 psf          | No Entry      |
| Deglazing                              | Pass          |
| Forced Entry Resistance                | Pass L        |

### NFRC

|                         |
|-------------------------|
| Clear                   |
| Low-E                   |
| Low-E 270A              |
| Design pressure ratings |

### U-Factor

|      |
|------|
| 0.45 |
| 0.31 |
| 0.27 |

### SHGC

|      |
|------|
| 0.61 |
| 0.30 |
| 0.31 |

### CRF

|    |
|----|
| 45 |
| 55 |
| 57 |



# STERGIS STORMGATE

## Impact PVC Single Hung

### Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Lower sash shall be counterbalanced to remain as placed during window operation. Bottom sash shall tilt inwards for cleaning exterior glass surface. The top sash will be glazed into the main frame and have internal glazing access. Sash locks shall function to secure the opening and, through a cam-action mechanism, draw the interlocking meeting rails together for a tight seal. Window screens shall be of side load design and include provisions for spring loaded latches located at each end of the bottom rail.

**Materials:** All vinyl extrusions shall be rigid, 100% virgin uPVC. The jambs shall have a nominal wall thickness of .065" and shall include five tubular hollows for maximum strength and thermal efficiency. The sill shall have a nominal wall thickness of .065" and shall contain multiple hollows for strength.. Sash profiles shall have a nominal wall thickness of .065". The interlock meeting rail will be reinforced with tempered aluminum to which the locks are firmly secured. Sash lift rails shall be integral to the sash extrusion. Sash meeting rails shall include an integral leg, which shall provide positive meeting rail interlock in the assembled unit.

**Frame Construction:** Frame profile shall be designed to install as a new construction with nailing fin and J channel or as a replacement type with head and sill expanders as job conditions require. Overall frame depth shall be 3 1/4". Window main frame header will be miter cut and welded with a minimum melt off of 5mm. The sill will be compound cut and welded construction for positive seal and esthetics. Drain weeps under the screen track will provide a quicker drainage of the sloped sill without compromise to performance.

**Sash Construction:** Sash frame shall be miter cut and fusion welded at the corners. Each welded sash top rail shall conceal a self-aligning spring-loaded sash release latch. Each welded sash shall have recessed, heavy wall pivot bars screwed in place by stainless screws at the bottom sash corners. Glazing shall be secured in place with a dual-durometer snap in a glazing bead along the exterior perimeter of sash. Widths shall have aluminum reinforcements at the meeting rails. Widths from 36 1/4" to 48" shall have reinforcements at all sash horizontals. Heights from 72" shall have reinforcements at all sash verticals.

**Available Finishes:** Shall be solid vinyl throughout in white or almond.

**Screen Construction:** Half-screen standard. Frame shall be of hollow extruded design with a .055" wall thickness and the wire shall be 18x16 mesh non-glare charcoal finished aluminum. Corners will be staked with die cast corners. Screen will remain in the lower sash position and is removed from the interior of the window.

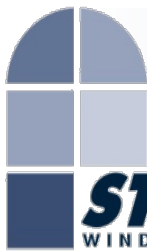
**Glazing:** 3/4" overall laminated glass consisting of the following: One (1) exterior piece of 1/8" annealed glass / one (1) .285" aluminum reinforced butyl spacer system (as stated by manufacturer) / one (1) interior piece of 1/8" annealed glass. / .090" Solutia laminate / one (1) interior piece of 1/8" annealed glass. Exterior glazed with an adhesive structural sealant Sikaflex-552 (as stated by the manufacturer) (refer to drawing # 142194DH\_DP50). The glazing utilized an extruded vinyl snap-in glazing bead measuring .570" wide.

**Weather stripping:** A minimum of two courses of solid barrier fin-type weather stripping shall be applied at the crack perimeter (excluding sill) of the window. The bottom sash rail shall fit the sill so that two fin and one closed-cell bulb weather seals engage completely. The interlock will consist of two weather seals attached to the full interlock from jamb to jamb

**Hardware:** Sash balances shall be factory calibrated block and tackle balances. Balance cords shall be anchored to the head of the jamb by use of a stainless steel clip. The slide shoe (balance shoe) will be attached directly to the balance assembly and rid with the sash in a vertical movement. The sash pivot bar will engage the balance shoe and lock the sash with in a consistent hold to the jamb allowing for no distorting during handling and installation. Sash locks shall be cam type and finished to match the vinyl extrusion color. Locks shall be securely anchored with color matched, self-tapping screws driven through the sash rail and into an extruded aluminum-reinforcing bar. Double locks on opening widths 26" or greater.

**TESTING:** ASTM E 1886-02 "Standard Test Method for Performance of Exterior Windows Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials."

ASTM E 1996-02 "Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes



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## Stormgate Impact New Construction Picture/Transom Window

| SIZE (united inches)                                   | Up To 100 ui         | > 101 ui                   | Feature summary  |
|--|----------------------|----------------------------|--|
| <b>White</b>   | \$ 6.44 per ui       | \$ 8.25 per ui             | <ul style="list-style-type: none"> <li>• Welded Frames with Internal Glazing</li> <li>• Warm Edge Insulated Glass</li> <li>• 3 1/4" Frame</li> <li>• Accessory Grooves Inside &amp; Outside</li> <li>• Head and Sill Angle Included</li> <li>• Large Missile Impact Glass</li> </ul> |
| <b>Sandstone</b>                                       | Add 10%              | Add 10%                    |  |
| <b>Laminated Exterior Black</b>                        | Add 75%              | Add 75%                    |  |
| <b>Painted Exterior</b><br>Black, Bronze Green, Silver | \$180.00<br>Call For | \$290.00<br>Volume Pricing |  |
| <b>SIZE LIMITATIONS</b>                                |                      |                            |  |
| Minimum Size 14" x 14"                                 |                      | Maximum ui: 148            |  |
| Maximum Size 64" x 84"                                 |                      |                            |  |

| OPTIONS  |  |  |  |
|--|--|--|--|
| <b>GLASS</b><br>Impact Clear<br>Impact Low-E<br>Impact Low-E 270A<br>Impact Low-E 366A<br>Impact Obscure<br>Impact Tempered<br><br><b>GRIDS</b><br>Flat<br>SDL Exterior Surface 1<br>SDL Interior Surface 4<br>Prairie<br>Diamond<br>Custom 2 Toned<br>Special Custom Grid | Standard<br>\$ 12.00 per sash<br>\$ 24.00 per sash<br>\$ 36.00 per sash<br>call for pricing<br>\$ 65.00 per sash<br><br>\$ 52.00 per sash<br>\$ 100.00 per sash<br>\$ 100.00 per sash<br>\$ 52.00 per sash<br>\$ 80.00 per sash<br>\$ 150.00 per sash<br>\$ 90.00 per sash | <b>OTHER</b><br>NE Flat Casing 3 1/2" - No Sill<br>NE Flat Casing 3 1/2" - With Sill<br><br>Salem Trim No Sill<br>Salem Trim With Sill<br><br>4 9/16" Primed Extension Jamb<br>6 9/16" Primed Extension Jamb<br>4 5/8" Adjustable Extension Jamb<br>6 6/8" Adjustable Extension Jamb<br><br>Custom Size Extension Jamb<br><br>Dry Wall Return Adapter (4 Sides)<br>Foam Wrap<br>J Channel Filler<br>Mull Charge<br>0 Degree Structural Mull 1/2" | \$ 90.00 per window<br>\$ 100.00 per window<br><br>\$ 90.00 per window<br>\$ 100.00 per window<br><br>\$ 40.00 per window<br>\$ 60.00 per window<br>\$ 65.00 per window<br>\$ 80.00 per window<br><br>Available<br><br>\$ 15.00 per window<br>\$ 20.00 per window<br>\$ 15.00 per window<br>\$ 60.00 per mullion<br>\$ 75.00 per mullion |

| TEST SUMMARY                           |                           | NFRC       | U-Factor | SHGC | CRF |
|--|---------------------------|------------|----------|------|-----|
| Structural Rating: ASTM E1886/E1966-02 | DP80                      | Clear      | 0.45     | 0.64 | 46  |
| Air Infiltration:                      | 0.01 cfm/ ft <sup>2</sup> | Low-E      | 0.31     | 0.31 | 59  |
| Water Penetration: @ 12psf             | No Entry                  | Low-E 270A | 0.27     | 0.31 | 63  |
| Structural Pressure                    | 120. psf                  |            |          |      |     |



# STERGIS STORMGATE

## Impact PVC Picture/Transom Window

### Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operating:** Sash shall be a fixed unit set in a frame. Sash is re-glazable by removing the snap-in glazing bead from the inside.

**Materials:** All vinyl extrusions shall be rigid 100% virgin uPVC. Main frame profile shall have a nominal wall thickness of .078" and shall have four tubular hollows. On oversized windows, frames shall be reinforced with aluminum.

**Frame Construction:** Frame profile shall be designed to install as a new construction unit with nailing fin and J channel or be fitted with a one piece head expander and sill angle for replacement installation. Overall frame depth shall be 3 1/4". Main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. New construction jamb depths can be met using a wood extension jamb to meet the 4 9/16" or 6 9/16" wall.

**Glazing:** 3/4" overall laminated glass consisting of the following: One (1) exterior piece of 1/8" annealed glass / one (1) .285" aluminum reinforced butyl spacer system (as stated by manufacturer) / one (1) interior piece of 1/8" annealed glass. / .090" Solutia laminate / one (1) interior piece of 1/8" annealed glass. Exterior glazed with an adhesive structural sealant Sikaflex-552 (as stated by the manufacturer) (refer to drawing # 142194DH\_DP50). The glazing utilized an extruded vinyl snap-in glazing bead measuring .570" wide.

**Available Finishes:** Shall be solid vinyl throughout in white or almond. Optional wood grain interior and custom color exterior is optional.

**TESTING:** ASTM E 1886-02 "Standard Test Method for Performance of Exterior Windows Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials."

ASTM E 1996-02 "Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes

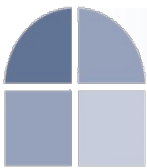


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## Stormgate Impact New Construction Casements/Awnings

| SIZE (united inches)                                | 46-75ui           | 76-92ui             | Minimum price    | Feature summary   |
|---|-------------------|---------------------|------------------|---|
| <b>White</b>  | \$ 7.50 per ui    | \$ 8.00 per ui      | \$ 420.00        | <ul style="list-style-type: none"> <li>• Lifetime Transferable Warranty</li> <li>• Fully welded frame and sash</li> <li>• Header and Sill expander included</li> <li>• Large Missile Impact Glass</li> <li>• Truth Multi-Point Lock</li> <li>• Heavy Duty Detachable Hinges</li> <li>• Corrosion Resistant Hardware</li> <li>• Specify Nailing fin with J Channel if required</li> <li>• Over sized windows may require an additional charge for upgraded hardware</li> <li>• Full Aluminum Screen</li> </ul> |
| <b>Sandstone</b>                                    | Add 10%           | Add 10%             | \$ 462.00        |   |
| <b>Laminated Exterior Black</b>                     | Add 75%           | Add 75%             | Add 75%          |   |
| <b>Painted Exterior Black, Bronze Green, Silver</b> | \$180.00 Call For | \$180.00 For Volume | \$180.00 Pricing |   |
| <b>Size Limitations</b>                             | <b>Casement</b>   | <b>Awning</b>       | <b>MAX</b>       |   |
| Minimum   | 15" x 15"         | 20" x 15"           | 108ui            |   |
| Maximum   | 36" x 72"         | 48" x 36"           |                  |   |

Double/ Triple Price as Sums of Individual Units  
HINGING IS DENOTED FROM EXTERIOR

### OPTIONS

#### GLASS

|                   |                   |
|-------------------|-------------------|
| Impact Clear      | Standard          |
| Impact Low-E      | \$ 12.00 per sash |
| Impact Low-E 270A | \$ 24.00 per sash |
| Impact Low-E 366A | \$ 36.00 per sash |
| Impact Obscure    | call for pricing  |
| Impact Tempered   | \$ 65.00 per sash |

#### OTHER

|                                  |                      |
|----------------------------------|----------------------|
| NE Flat Casing 3 1/2 - No Sill   | \$ 90.00 per window  |
| NE Flat Casing 3 1/2 - With Sill | \$ 100.00 per window |
| Salem Trim No Sill               | \$ 90.00 per window  |
| Salem Trim With Sill             | \$ 100.00 per window |

#### GRIDS

|                        |                    |
|------------------------|--------------------|
| Flat                   | \$ 26.00 per sash  |
| SDL Exterior Surface 1 | \$ 50.00 per sash  |
| SDL Interior Surface 4 | \$ 50.00 per sash  |
| SDL (casement)         | \$ 112.00 per sash |
| Prairie                | \$ 26.00 per sash  |
| Diamond                | \$ 80.00 per sash  |
| Custom 2 Toned         | \$ 75.00 per sash  |

|                                  |                     |
|----------------------------------|---------------------|
| 4 9/16" Primed Extension Jamb    | \$ 40.00 per window |
| 6 9/16" Primed Extension Jamb    | \$ 60.00 per window |
| 4 5/8" Adjustable Extension Jamb | \$ 65.00 per window |
| 6 6/8" Adjustable Extension Jamb | \$ 80.00 per window |

Custom Size Extension Jamb Available

|                                   |                      |
|-----------------------------------|----------------------|
| Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| Foam Wrap                         | \$ 20.00 per window  |
| J Channel Filler                  | \$ 15.00 per window  |
| Mull Charge                       | \$ 60.00 per mullion |
| 0 Degree Structural Mull 1/2"     | \$ 75.00 per mullion |

#### SCREEN

|                     |                |
|---------------------|----------------|
| Full Pet (casement) | \$ .070 per ui |
| Full Pet (awning)   | \$ 0.70 per ui |

### TEST SUMMARY

|  | NFRC         | U-Factor   | SHGC | CRF |
|--|--------------|------------|------|-----|
| Structural Rating: ASTM E1886/E1966-02 | LC-55        | Clear      | 0.43 | 44  |
| Structural Pressure                    | 75.00 psf    | Low-E      | 0.30 | 57  |
| Air infiltration :                     | 0.04 cfm/ft2 | Low-E 270A | 0.27 | 61  |
| Water Penetration :@ 9.75 psf          | No Entry     |            |      |     |
| Deglazing                              | Pass         |            |      |     |
| Forced Resistance                      | Pass         |            |      |     |



# STERGIS STORMGATE

## Impact Vinyl Casement/Awning Window

### Architect's Specifications

#### Residential and Light Commercial Applications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** Window sash shall open out from the frame jamb by means of a roto-operator crank assembly. Sash shall pivot at the jamb on two stainless steel hinges located at the main frame head and sill. Multi-point sash locks shall be located at the jamb and shall function to both secure the opening and ensure a tight sash to jamb triple weather stripping compression seals.

**Materials:** All vinyl extrusions shall be rigid 100% virgin uPVC. Main frame profiles shall have a nominal wall thickness of .075" and six tubular hollows for maximum strength, thermal efficiency, and welded corner integrity. Sash profiles shall have a nominal wall thickness of .075" and shall contain four tubular hollows. Reinforced Main Frames and Retaining clip for hardware will be employed to ensure impact testing certifications

**Frame Construction:** Frame provides a new construction fin or a head and sill expander for replacement applications . Overall frame depth shall be 3 1/4". Window main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. Optional J channel can be factory applied.

**Sash Construction:** Sash frame shall be miter cut and fusion welded with a minimum melt off of 5mm. Glazing will be secured between two co-extruded dual durometer glazing fins and a dual durometer removable snap-glazing bead. Damaged glass shall be replaceable without detaching the sash from the main frame.

**Screen Construction:** Screen wire shall be 18x16 mesh non-glare charcoal finished aluminum, securely held in place with corrugated vinyl screen spline. Frame shall be of hollow extruded design and shall include an exterior leg which forms a screen to frame overlap in the assembled unit to eliminate any perimeter gap once the screen is installed. Screen shall be secured in place with two spring loaded "L" clips at each screen jamb.

**Available Finishes:** Color shall be solid vinyl throughout in white or almond

**Glazing:** 3/4" overall laminated glass consisting of the following: One (1) exterior piece of 1/8" annealed glass / one (1) .285" aluminum reinforced butyl spacer system (as stated by manufacturer) / one (1) interior piece of 1/8" annealed glass./ .090" Solutia laminate / one (1) interior piece of 1/8" annealed glass. Exterior glazed with an adhesive structural sealant Sikaflex-552 (as stated by the manufacturer) (refer to drawing # 142194DH\_DP50). The glazing utilized an extruded vinyl snap-in glazing bead measuring .570" wide.

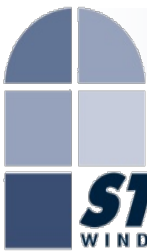
**Weather stripping:** Weather stripping shall be compression bulb type. One course shall be applied around the full sash perimeter and a second around the main frame perimeter to provide continuous double seal between the main frame and sash.

**Hardware:** All hardware is corrosion resistant. Maxim twin arm gear drive dyad operator attaches to the sash by use of a guide track and sash pinion. Sash locks shall be sequentially locking multi-point type with a single handle actuator. The sash keepers will self align and be secured into reinforced sash walls. All fasteners are stainless steel . Sash heights will incorporate an alignment and reinforcing snubber that draws the sash tight with the frame. Hardware will be color matched.

**TESTING:** ASTM E 1886-02 "Standard Test Method for Performance of Exterior Windows Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials."

ASTM E 1996-02 "Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes

# List Pricing



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## Stormgate Impact New Construction Sliding Window

| SIZE (united inches)                            | <80              | 81-100                 | >101                | Feature summary   |
|---|------------------|------------------------|---------------------|---|
| White   | \$6.40ui         | \$7.20ui               | \$8.00ui            | <ul style="list-style-type: none"> <li>Lifetime Transferable Warranty</li> <li>Fully welded frame and sash</li> <li>Double Full interlock at the meeting rails</li> <li>Header and sill expander included</li> <li>Double Locks over 26" heights</li> <li>¾" Warm Edge Insulated Glass Duralite</li> <li>Dual Tandem axle roller wheels</li> <li>Removable Sashes for easy cleaning</li> <li>SS/DS Cardinal Glass</li> <li>½ Screen Standard</li> </ul> |
| Sandstone                                       | Add 10%          | Add 10%                | \$8.00ui            |   |
| Laminated Exterior<br>Black                     | Add 75%          | Add 75%                | Add 75%             |   |
| Painted Exterior<br>Black, Bronze Green, Silver | \$180.00<br>Call | \$180.00<br>For Volume | \$290.00<br>Pricing |   |
| SIZE LIMITATIONS                                |                  |                        |                     |   |
|   | Minimum Width    | Minimum Height         | Maximum Width       | Maximum Height  |
| 2-Lite  | 30"              | 15"                    | 80"                 | 60"   |
| 3-Lite  | 46 ½"            | 15"                    | 120"                | 60"   |

### OPTIONS

#### GLASS

|                   |                   |
|-------------------|-------------------|
| Impact Clear      | Standard          |
| Impact Low-E      | \$ 12.00 per sash |
| Impact Low-E 270A | \$ 24.00 per sash |
| Impact Low-E 366A | \$ 36.00 per sash |
| Impact Obscure    | call for pricing  |
| Impact Tempered   | \$ 65.00 per sash |

#### OTHER

|                                 |                      |
|---------------------------------|----------------------|
| NE Flat Casing 3 ½" - No Sill   | \$ 90.00 per window  |
| NE Flat Casing 3 ½" - With Sill | \$ 100.00 per window |
| Salem Trim No Sill              | \$ 90.00 per window  |
| Salem Trim With Sill            | \$ 100.00 per window |

#### GRIDS

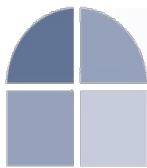
|                        |                   |                                  |                     |
|------------------------|-------------------|----------------------------------|---------------------|
| Contoured              | \$ 26.00 per sash | 4 9/16" Primed Extension Jamb    | \$ 40.00 per window |
| Flat                   | \$ 26.00 per sash | 6 9/16" Primed Extension Jamb    | \$ 60.00 per window |
| SDL Exterior Surface 1 | \$ 50.00 per sash | 4 5/8" Adjustable Extension Jamb | \$ 65.00 per window |
| SDL Interior Surface 4 | \$ 50.00 per sash | 6 6/8" Adjustable Extension Jamb | \$ 80.00 per window |
| Prairie                | \$ 26.00 per sash |                                  |                     |
| Diamond                | \$ 80.00 per sash | Custom Size Extension Jamb       | Available           |
| Custom 2 Toned         | \$ 75.00 per sash |                                  |                     |

#### SCREENS

|                             |                |                                   |                      |
|-----------------------------|----------------|-----------------------------------|----------------------|
| Half Pet                    | \$ 0.70 per ui | Dry Wall Return Adapter (4 Sides) | \$ 15.00 per window  |
| Full Pet                    | \$ 0.70 per ui | Foam Wrap                         | \$ 20.00 per window  |
| Full Aluminum or Fiberglass | \$ 15.00       | J Channel Filler                  | \$ 15.00 per window  |
|                             |                | Mull Charge                       | \$ 60.00 per mullion |
|                             |                | 0 Degree Structural Mull ½"       | \$ 75.00 per mullion |

### TEST SUMMARY

| TEST SUMMARY                           |              | NFRC       | U-Factor | SHGC | CRF |
|--|--------------|------------|----------|------|-----|
| Structural Rating: ASTM E1886/E1966-02 | DP 50        | Clear      | 0.46     | 0.61 | 45  |
| Structural Pressure                    | 75.00psf     | Low-E      | 0.31     | 0.29 | 58  |
| Air infiltration: @ 1.56 psf (25 mph)  | 0.17 fm / t2 | Low-E 270A | 0.28     | 0.29 | 62  |
| Water Penetration: @ 7.50 psf          | No Entry     |            |          |      |     |
| Deglazed                               | Pass         |            |          |      |     |
| Forced Entry Resistance                | Pass         |            |          |      |     |



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## Aluminum Triple Track Model 60 Storm Windows

|   | <90 ui    | 90-100 ui | >100 ui    | Feature Summary  |
|---|-----------|-----------|------------|--|
| <b>White (2603)</b>                         | \$ 235.00 | \$ 245.00 | \$ 4.75 ui | <ul style="list-style-type: none"> <li>• Miter cut radius corners w/corner keys</li> <li>• Heavy duty horizontal tie bars</li> <li>• 3 piece sill with adjustable sill expander</li> <li>• Charcoal aluminum screen wire</li> <li>• Baked Enamel Finish (*optional coastal 2605 finish available)</li> </ul> |
| <b>Nantucket Gray, Bronze, Black (2603)</b> | Add       | \$ 150.00 | \$ 200.00  |  |
| <b>Custom Colors (2603)</b>                 | Add       | \$ 300.00 | \$ 420.00  |  |
| <b>Coastal Colors (2605)*</b>               | Add       | \$ 400.00 | \$ 520.00  |  |

Call for volume discount on paint

### OPTIONS

|                    |                     |
|--------------------|---------------------|
| DSB Low-E Hardcoat | \$ 80.00 per sash   |
| Lexan .125         | \$ 75.00 per sash   |
| Obscure Glass      | \$ 65.00 per sash   |
| Plexiglas .125     | \$ 65.00 per sash   |
| Tempered Glass     | \$ 75.00 per sash   |
| Oriel Window       | \$ 15.00 per window |
| Without Screen     | -\$5.00 per window  |

### SIZE LIMITATIONS

Minimum Width 11" ttt  
Maximum Width 56" ttt  
Minimum Height 27" ttt  
Maximum Height 93.25" ttt

### TEST SUMMARY

|                                      |                         |
|--------------------------------------|-------------------------|
| Structural Rating:                   |                         |
| ANSI / AAMA 1002.10-93 VWE –         | CLASS 10                |
| Air infiltration: @ 1.56 psf (25mph) | .065 cfm/fcp            |
| Water drainage:                      | No water test buck sill |
| Uniform structural load              |                         |
| @ 15 psf (exterior)                  | No damage               |
| @ 15 psf (interior)                  | No damage               |

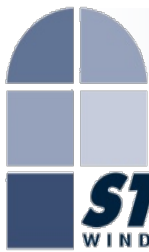
### CLEAR EGRESS OPENING

(Minimum TTT Unit Measurements to meet 20" x 24" clear opening requirement)

Minimum Size: 27" x 55"

### Warranty

Aluminum Storm Products with standard Baked Enamel finishes (2603) have a warranty for 5 years excluding coastal area\*. Coastal Finishes (2605) carry a warranty of 3 years when used in coastal areas\*. Please see full warranty for complete information. (\* see definitions of coastal areas on full warranty)



# STERGIS Model 60 Triple Track Storm Window

## Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts. Each window shall be complete with two operating sash and one screen insert.

**Operation:** The STERGIS Model 60 window shall be of triple channel design, constructed to form back retaining walls for both glass inserts when in the closed position. Each glass insert and screen shall ride in its own channel, guided by top pivot pins and shall be removable from inside without use of tools. There shall be a minimum of four locking positions for the lower sash.

**Materials:** All aluminum extrusions shall be 6063-T5 heat treated aluminum alloy with a nominal wall thickness of .055". Self-tapping screws used in the assembly of the window shall be stainless steel.

**Frame Construction:** The frame shall be miter-type construction anchored with two stainless self-tapping screws at each corner. Each screw shall be driven into an extruded boss which is an integral part of the jambs. The sill and bottom sash shall interlock in a tongue and groove manner for additional weather protection when in closed position. There shall be an adjustable expander on the sill to compensate for out-of-square installation. The sill expander shall have two weep holes to allow drainage to the outside. The header frame shall provide penetration of the top sash by  $\frac{3}{4}$ " and be sealed with fin type weatherstripping on the inside frame leg and heavy duty woolpile on the outside of the sash head. There shall be a 1  $\frac{1}{8}$ " extruded stabilizer bar at the meeting rails, secured by a .125 pop-rivet on each side through the frame and into an extruded boss in the stabilizer bar. The sill shall be of two-piece construction.

**Sash Construction:** Glass inserts shall have spring loaded zinc die-cast latches with  $\frac{5}{8}$ " operating space to allow easy operation. A double interlock will join two sashes together at the meeting rail. Sash corners shall be mitered and joined with securely staked zinc die-cast corner keys.

**Screen Construction:** Screen frames shall be of hollow extruded design with overlaps at sides of frames. Heavy-duty woolpile shall be inserted in the top of the screen section to provide an effective insect seal when in the summer position. Screen wire shall be 18 x 16 mesh, non-glare charcoal finished aluminum and shall be held in place with corrugated vinyl screen spline.

**Available Finishes:** All door finishes shall be electrostatically applied baked enamel 2603 in standard white or custom color. Optional Coastal Finishes are available for compliance with warranty.

**Glazing:** Sash shall be single-strength standard type B domestic float glass fitted with spline into the extruded aluminum sash channels.

**Weather stripping:** All critical areas shall be fully weatherstripped with a fin type weatherstripping.

**Hardware:** All spring loaded latches are to be zinc die-cast. Screen latches are to be recessed and bottom exposed for access.

**Options:** Steep slope drop sill expanders shall be available to permit proper installation where required. Glazing: double strength, acrylic, lexan, obscure, special tempered, and Low-E. Oriels are available.

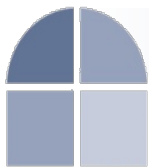
### Residential and Commercial Applications

Minimum Width: 11" ttt

Minimum Height: 27" ttt

Maximum Width: 56" ttt

Maximum Height: 93.25" ttt



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## Aluminum Stationary Storm Windows

### Storm Picture Window

| Minimum 70 UI Base                          | Base price   | With Plexiglass (per ui) | Tempered Glass (per ui) | Removable Screens (per ui) | Rolled-in Screen add per ui | Feature Summary   |
|---|--------------|--------------------------|-------------------------|----------------------------|-----------------------------|---|
| <b>White (2603)</b>                         | \$ 2.05 ui   | \$ 3.45                  | \$ 4.05                 | \$ 2.45                    | \$ 0.50                     | <ul style="list-style-type: none"> <li>Removable Glass Sash</li> <li>Double Thick Glass</li> <li>Adjustable Sill Expander</li> <li>Baked Enamel Finish (*optional coastal 2605 finish available)</li> </ul> |
| <b>Nantucket Gray, Bronze, Black (2603)</b> | Add \$150.00 | \$ 3.55                  | \$ 4.15                 | \$ 2.55                    | \$ 0.50                     |   |
| <b>Custom Color (2603)</b>                  | Add \$300.00 | \$ 5.35                  | \$ 5.95                 | \$ 4.75                    | \$ 0.50                     |   |
| <b>Coastal Color (2605)*</b>                | Add \$300.00 | \$ 6.30                  | \$ 5.90                 | \$ 5.75                    | \$ 0.50                     |   |

### Storm Deadlite (Gus 41 with Lip)

|   | Base price   | With Plexiglass (per ui) | Tempered Glass (per ui) | Custom Shapes (per ui) | Feature Summary  |
|---|--------------|--------------------------|-------------------------|------------------------|--|
| <b>White (2603)</b>                         | \$ 1.30 ui   | \$ 2.70                  | \$ 3.30                 | \$ 4.10                | <ul style="list-style-type: none"> <li>All deadlites with tempered over 42" x 72" Must have a Mullion</li> <li>Weather Stripped Frame</li> <li>Extruded Frame</li> <li>1/8" Clear Glass</li> <li>1 1/8" x3/8" with lip</li> <li>Baked Enamel Finish (*optional coastal 2605 finish available)</li> </ul> |
| <b>Nantucket Gray, Bronze, Black (2603)</b> | Add \$150.00 | \$ 2.80                  | \$ 3.40                 | \$ 4.20                |  |
| <b>Custom Color (2603)</b>                  | Add \$300.00 | \$ 3.90                  | \$ 4.50                 | \$ 5.30                |  |
| <b>Coastal Color (2605)*</b>                | Add \$300.00 | \$ 4.40                  | \$ 5.00                 | \$ 5.80                |  |

### "GUS-4" Deadlite (No Lip)

|   | Base price   | With Plexiglass (per ui) | Tempered Glass (per ui) | Feature Summary  |
|---|--------------|--------------------------|-------------------------|--|
| <b>White (2603)</b>                         | \$ 1.30 ui   | \$ 2.70                  | \$ 3.30                 | <ul style="list-style-type: none"> <li>Weather Stripped Frame</li> <li>3/4" x 3/8" Frame</li> <li>1/8" Clear Glass</li> <li>Baked Enamel Finish</li> <li>* No Mullion Available (*optional coastal 2605 finish available)</li> </ul> |
| <b>Nantucket Gray, Bronze, Black (2603)</b> | Add \$150.00 | \$ 2.80                  | \$ 3.40                 |  |
| <b>Custom Color (2603)</b>                  | Add \$300.00 | \$ 3.90                  | \$ 4.50                 |  |
| <b>Coastal Color (2605)*</b>                | Add \$300.00 | \$ 4.40                  | \$ 5.00                 |  |

Call for volume discount on paint

### Warranty

Aluminum Storm Products with standard Baked Enamel finishes (2603) have a warranty for 5 years excluding coastal area\*. Coastal Finishes (2605) carry a warranty of 3 years when used in coastal areas\*. Please see full warranty for complete information. (\* see definitions of coastal areas on full warranty)



## STERGIS Storm Picture Window Architect's Specifications

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Operation:** The storm window shall have a flush back frame. Sash shall be held in place in the master frame with heavy duty clips. Sash shall be removable from the outside by loosening clips and lifting sash out of frame pocket.

**Materials & Frame Construction:** All extrusions shall be 6063-T5 heat treated aluminum alloy with a nominal wall thickness of .050". Self tapping screws used in the assembly of this window shall be stainless steel. The corners of the frame shall be miter cut and fastened with two stainless steel screws at each corner. The back of the frame shall be a flush 1 5/8". The front of the frame shall form a pocket in which the glass insert shall sit. The sill flange shall include an adjustable expander to compensate for out of square installations.

**Glazing & Sash Construction:** The frame of the sash shall be of extruded design. The sash shall be double-strength standard type B domestic float glass fitted with spline into the sash frame. Sash corners shall be mitered and joined with securely staked zinc die-cast corner keys. There shall be a lift incorporated at the bottom edge of the sash frame.

**Available Finishes:** All door finishes shall be electrostatically applied baked enamel 2603 in standard white or custom color . Optional Coastal Finishes are available for compliance with warranty

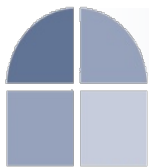
**Weather stripping:** The storm picture window frame shall be fully weather stripped on the inside perimeter with a heavy duty wool pile.

**Hardware:** The clips which secure the glass insert into the frame shall be heavy duty extruded aluminum. The screw which hold the clips in place shall be tapped into an extruded aluminum rocker clip. A minimum of four clips assemblies shall be provided for each height.

Minimum width: 8 5/8" ttt

Maximum width: 72" x 60" or 60" x 72" ttt

Minimum height: 8 3/8" ttt



# List Pricing

www.Stergis.com

79 Walton Street, Attleboro MA

508-455-0661 • FAX 508-455-0622 • 1-888-STERGIS



## Patio Door Screen (Custom size)

|               |            |
|---------------|------------|
| <b>WHITE</b>  | \$1.50 ui  |
| <b>BRONZE</b> | \$1.60 ui  |
| <b>ALMOND</b> | \$ 1.60 ui |

### STOCK SIZE SCREENS

Available in: White, or Almond

|           |               |           |
|-----------|---------------|-----------|
| <b>5'</b> | 29" x 77 3/4" | \$ 150.00 |
| <b>6'</b> | 35" x 77 3/4" | \$ 160.00 |
| <b>8'</b> | 47 x 77 3/4"  | \$ 170.00 |

## Storm Window Replacement Inserts

|               |                              |
|---------------|------------------------------|
| Screen insert | \$1.00 ui (\$ 60.00 minimum) |
| Glass insert  | \$1.20 ui (\$ 70.00 minimum) |

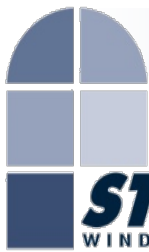
## Storm Door Replacement Inserts 5/16 thick x 7/8 wide

|                                 |              |
|---------------------------------|--------------|
| Door screen straight            | \$.80 ui     |
| Door screen scallop             | \$.90 ui     |
| Stock tempered door insert      | \$1.20 ui    |
| Custom tempered door insert     | \$2.00 ui    |
| Plexi door insert               | \$2.00 ui    |
| Charcoal screen wire (100 roll) | \$1.50 sq ft |
| Pet Screen                      | \$3.00 sq ft |

### Warranty

Aluminum Storm Products with standard Baked Enamel finishes (2603) have a warranty for 5 years excluding coastal area\*. Coastal Finishes (2605) carry a warranty of 3 years when used in coastal areas\*. Please see full warranty for complete information. (\* see definitions of coastal areas on full warranty)





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## Aluminum Porch Enclosures

| 1"x1" components<br>White standard | <100 ui   | 101-140 ui | Feature summary  |
|------------------------------------|-----------|------------|--|
| <b>1"x1" Box Screen</b>            | \$1.45 ui | \$1.65 ui  | <ul style="list-style-type: none"> <li>• Extruded Frame</li> <li>• .060" Thick Frame</li> <li>• Baked Enamel Finish</li> </ul> |
| <b>1"x1" with Kickpanel</b>        | \$1.65 ui | \$1.95 ui  |  |
| <b>1"x1" Trapezoids</b>            | \$3.50 ui | \$4.50ui   |  |

| Storm Door Panels |           | Hi-Lite | Dbl. Kick | XBUCK | 1-Lite | Self-Storing |
|-------------------|-----------|---------|-----------|-------|--------|--------------|
| White             | Model 200 | \$398   | N/A       | \$398 | \$398  | N/A          |

## Accessories and Parts

|                              |                         |                      |
|------------------------------|-------------------------|----------------------|
| Screen Mullions              |                         | \$ 20.00 per mullion |
| 2" – F-Channel (15')         | \$ 1.90 per foot        | \$ 41.00             |
| 1" – F-Channel (15')         | \$ 1.90 per foot        | \$ 41.00             |
| 1 ½" – H-Channel (15')       | \$ 1.90 per foot        | \$ 41.00             |
| 1 ½" – U-Channel (15')       | \$ 1.90 per foot        | \$ 41.00             |
| 3/8"x5/8" Angle (15')        | \$ 0.95 per foot        | \$ 17.50             |
| 1"x1" Box Screen Frame (15') | \$ 2.80 per foot        | \$ 60.50             |
| 2"x3" Square Tubing (15')    | Special Order Non Stock | Call for Pricing     |

**General:** Manufactured by STERGIS Windows and Doors, Attleboro, Massachusetts

**Materials:** Enclosure system shall consist of the Combination Storm Door Panel and special aluminum frame and mulling elements. Extrusions for both door panel and framing and mulling elements shall be 6063-T5 heat treated aluminum alloy.

**Panel Construction & Accessories:** The panel frames shall consist of hollow extrusions, reinforced with cross mullions of hollow box construction with a minimum wall thickness of .060". The door panel frame shall be mitered and joined with stainless steel screws into die cast corner keys. Door main rails shall be 1 1/8" deep and 2 3/8" wide. The mullions shall overlap the inside lip of the frame and shall be attached to the frame by four stainless steel screws. The mullions shall be a minimum of 1" thick by 2 3/8" wide. The kickplate shall be inserted and glued with a silicone based adhesive into a 1/8" deep groove on all four sides. The kickplate shall be an .032" textured or embossed aluminum sheet. The accessory pieces shall consist of 1" F channel, 2" F channel, 1 1/2" U channel and 2" H channel all with a nominal wall thickness of .050".

**Sash & Screen Insert for Door Panel:** Sash shall be glazed with 1/8" tempered glass as standard. Insert shall be marine glazed using vinyl wrap around a U-channel set in an aluminum frame. Corners shall be mitered and joined by the use of a stamped cast corner key securely staked in place. Screen frame shall be of hollow box construction. It shall be mitered and staked using stamped aluminum corners. Screen wire shall be 18 x 16 mesh, non-glare charcoal finish aluminum held in place by a corrugated vinyl spline. Both glass and screen insert shall be retained in the door panel by the use of aluminum clips and thumb screws set in aluminum rivnuts.

**Available Finishes:** All aluminum finishes shall be electrostatically applied baked enamel in white.

When ordered with acrylic, lexan, or special tempered glass, we are able to make the door panels any width between 12" and 48" and any height from 50" to 100".

