

REBCO ALUMINUM WINDOWS

When you are looking for the perfect windows to enhance your building's facade, you can count on REBCO's experienced staff to assist you with product selection and design as well as helping you with any other information you may need. Since 1952, REBCO has been providing that kind of expertise and dependable service that glaziers, storefront contractors, and architects have come to rely on.

Rebco Windows offer a pleasing sightline and can be fabricated in unlimited configurations and combinations of fixed, casement, hopper and vent styles. When your project requires commercial windows with special color appeal, energy savings and style, REBCO is the perfect choice. Our windows feature heavy duty corner keys with mitred corners, superior white bronze hardware and double weather-stripping in thermal and non-thermal configurations.

Our ability to fabricate to your custom specifications is unparalleled. When it comes to selection . . .

REBCO's in Front!

SERIES 2000

2" Therma-Barrier
Projected & Casement Windows

REBCO's 2000 Series Window has been specifically designed with economy, convenience of installation and the REBCO trademark of quality in mind. Both Series 2000 & Series 25000 Windows combine superior construction for durability and ease of operation with the energy economy and all-weather comfort of the Therma-Barrier thermal barrier system.

REBCO THERMA-BARRIER Windows feature:

- Exclusive use of 4-Bar Hinges.
- Polyurethane thermal barrier.
- 3/8" Heavy Duty Corner keys.
- Double Weather-stripping between sash and frame.
- Snap on glazing beads for 1/4", 5/8" or 1" Glazing.
- White Bronze Hardware.
- Mitred Corners on sashes.

SERIES 2000 SPECIFICATIONS

Test Reports available upon request

GENERAL — Furnish and install REBCO Series 2000 insulated aluminum windows as manufactured by REBCO Incorporated, Paterson, NJ. The windows shall include the necessary hardware and related items as described in this section and as detailed on the plans.

SHOP DRAWINGS — REBCO shop drawing services are available. Please call for details.

MATERIALS — The windows shall be fabricated from extruded aluminum alloy 6063-T5. All members shall be a minimum 2" in depth. All sash sections shall be tubular extrusions with a minimum 1/8" in combined wall sections. Glazing beads shall have a thickness of not less than .045". Window sections shall have a minimum glazing leg of .70" and they shall be provided with snap-on aluminum glazing beads. (cont. on reverse side)



SERIES 25000

2-1/2" Therma-Barrier
Projected & Casement Windows

For the ultimate in a high strength, operable window, choose the 25000 Series. Both REBCO's 25000 Series and 2000 Series Windows feature a special thermal insulation in extruded aluminum perimeter and mullions which creates a defensive barrier against heat loss and condensation. When combined with insulating glass, there is a marked reduction in condensation on both glazing frames.

THERMA-BARRIER windows are available in Duranodic, clear anodized and white or brown baked acrylic finishes to give you an ideal combination of styling, energy savings and maximum comfort.

SERIES 25000 SPECIFICATIONS

Test Reports available upon request

GENERAL — Furnish and install REBCO Series 25000 insulated aluminum windows as manufactured by REBCO Incorporated, Paterson, NJ. The windows shall include the necessary hardware and related items as described in this section and as detailed on the plans.

SHOP DRAWINGS — REBCO shop drawing services are available. Please call for details.

MATERIALS — The windows shall be fabricated from extruded aluminum alloy 6063-T5. All members shall be a minimum 2-1/2" in depth. All frame and vent sections shall be tubular extrusions with a minimum 3/16" in combined wall sections. Glazing beads shall have a thickness of not less than .045". Window sections shall have a minimum glazing leg of 3/4" and they shall be provided with snap-on aluminum glazing beads.

CONSTRUCTION — Frame corners shall be machine cut for precision fit and butt jointed and mechanically fastened using stainless steel fasteners. (cont. on reverse side)

SPECIFICATIONS

SERIES 2000 (cont.)

CONSTRUCTION — Frame corners shall be machine cut for precision fit and butt jointed and mechanically fastened using stainless steel fasteners. Sash corners shall be mitred and mechanically crimped and epoxy glued under several tons of pneumatic force. Muntin bars shall be coped to create a mortised joint which shall be argon-electric welded to insure maximum strength.

WEATHER-STRIP — The operating vent shall be double weather-stripped with an extruded vinyl. The weather-strip shall be uninterrupted and secured within extruded raceways at the interior and exterior points of contact with the surrounding frame.

HARDWARE — Projected windows shall be provided with two 4-bar hinge assemblies securely fastened to the frame and vent, and operating in a track provided with an adjustable nylon friction feature. The cam handles shall be manufactured from white bronze and secured with stainless steel fasteners. Casement windows shall be supported by butt hinges manufactured from white bronze and secured with stainless fasteners. Casements shall have white bronze locking handles with concealed strikes. Locking handles and concealed strikes shall be securely fastened with stainless steel fasteners.

FINISH — The material for this series is available and stocked in a white painted finish, clear anodized and dark bronze hardcoat. Custom colors available. Call for details.

THERMAL BARRIER — The thermal barrier shall consist of a two-part, chemically-curing, high strength, pure polyurethane casting resin. This thermal barrier shall provide a continuous uninterrupted break around the entire perimeter of the frame and vent and it shall not be abridged by any metals, conductors or other similar materials. The cavity size of the thermal break shall be .437" wide, .350" high and shall have a throat opening of at least .188" wide. Residential size cavities will not be permitted.

INSTALLATION — Windows shall be installed by experienced window erectors, in accordance with local building codes. All members shall be set plumb and level with ventilators in true alignment. All aluminum surfaces in contact with masonry or steel shall be insulated therefrom by pressure sensitive tape, zinc chromate primer, lacquer or bituminous paint.

SERIES 25000 (cont.)

Sash corners shall be mitred and mechanically crimped and epoxy glued under several tons of pneumatic force. Muntin bars shall be coped to create a mortised joint which shall be argon-electric welded to insure maximum strength.

WEATHER-STRIP — The operating vent shall be double weather-stripped with an extruded vinyl. The weather-strip shall be uninterrupted and secured within extruded raceways at the interior and exterior points of contact with the surrounding frame in a manner that shall provide for easy weather-strip replacement.

HARDWARE — Projected windows shall be provided with two 4-bar concealed hinge assemblies securely fastened to the frame and vent, and operating in a track provided with an adjustable nylon friction feature. The cam handles shall be manufactured from white bronze and secured with stainless steel fasteners. Casement windows shall be supported by butt hinges manufactured from white bronze and secured with stainless fasteners. Casements shall have white bronze locking handles with concealed strikes. Locking handles and concealed strikes shall be securely fastened with stainless steel fasteners.

FINISH — The material for this series is available and stocked in a white painted finish, clear anodized and dark bronze hardcoat. Custom colors available. Call for details.

THERMAL BARRIER — The thermal barrier shall consist of a two-part, chemically-curing, high strength, pure polyurethane casting resin. This thermal barrier shall provide a continuous uninterrupted break around the entire perimeter of the frame and vent and it shall not be abridged by any metals, conductors or other similar materials. The cavity size of the thermal break shall be .744" wide, .350" high and shall have a throat opening of at least .312" wide. Residential size cavities will not be permitted.

INSTALLATION — Windows shall be installed by experienced window erectors, in accordance with local building codes. All members shall be set plumb and level with ventilators in true alignment. All aluminum surfaces in contact with masonry or steel shall be insulated therefrom by pressure sensitive tape, zinc chromate primer, lacquer or bituminous paint.

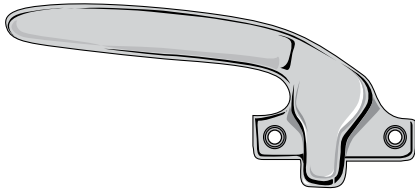
PROTECTION AND CLEANING — Upon completion of erection, windows will be left in a clean condition. Protection against damage by others and finish cleaning shall be the responsibility of the general contractor.

REBCO reserves the right to change its specifications, without notice, if deemed necessary in the evolution of its products.

REBCO warrants that the goods to be supplied will conform to the catalog or price list description. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES AS TO MERCHANTABILITY OR AS TO THE FITNESS FOR ANY PARTICULAR USE OR PURPOSE AND REBCO SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE OR COSTS, DIRECTLY OR INDIRECTLY, ARISING FROM THE USE OF SUCH GOODS, OR FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES.

It is the sole responsibility of the customer to confirm with their own architect, engineer or other professional consultants that the goods offered for sale by REBCO meet the requirements and specifications of the particular project and use for which they are being purchased. Any advice received by a customer from REBCO's representatives or employees is not guaranteed or warranted since REBCO does not and cannot determine whether the goods comply with the requirements and specifications of the ultimate user nor does REBCO control or supervise the subsequent fabrication or installation of its goods or their use after sale. REBCO EXPRESSLY DISCLAIMS ANY WARRANTIES OR GUARANTEES THAT THE GOODS WILL MEET THE NEEDS AND/OR REQUIREMENTS OF THE ULTIMATE USERS OF THE GOODS.

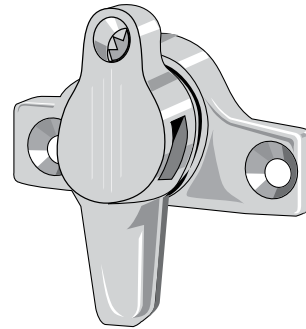
HARDWARE



**25-103L or 25-103R
Cam Handle**
for project out vents



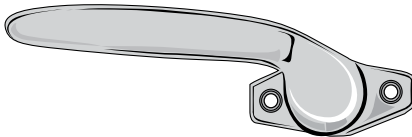
**25-101
Strike**
used with P.O. vent
handles 25-103L, 25-103R
and 25-109



**25-109
Vent Custodial Lock**
used with security lock
handle (Note: Used
with strike 25-101)



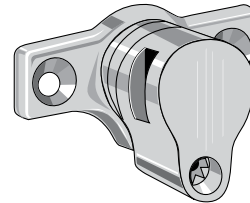
**25-111
Custodial
Lock Handle & Key**
used to open &
close custodial locks



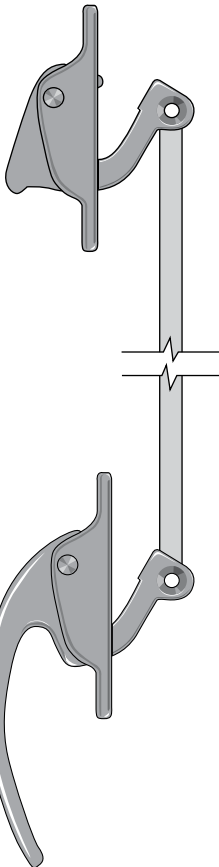
**25-106L or 25-108R
Cam Handle**
for project-in hoppers



**25-108
Concealed Keeper**
for use with P.I. hopper
handles 25-108L, 25-108R
and 25-109H



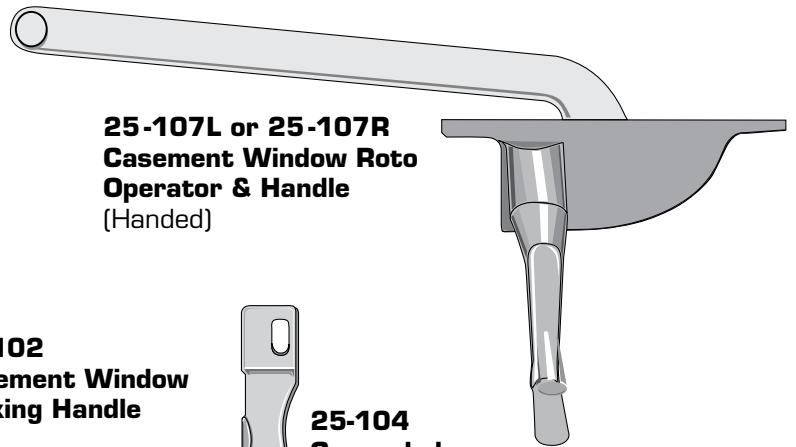
**25-109H
Hopper
Custodial Lock**
used with security
lock handle
(Note: Used with
Concealed Keeper
25-108)



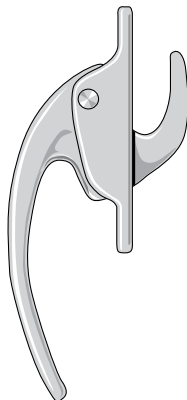
**25-120
Duplex Lock
Top Assembly**
used for one
step double
locking system
for casement
window



25-107CG - Channel Guide
used with roto operator



**25-107L or 25-107R
Casement Window Roto
Operator & Handle**
(Handed)

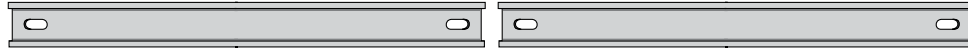


**25-102
Casement Window
Locking Handle**



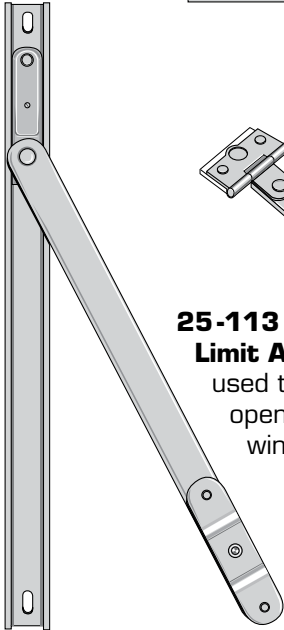
**25-104
Concealed
Keeper**
for 25-102
and 25-120

HARDWARE

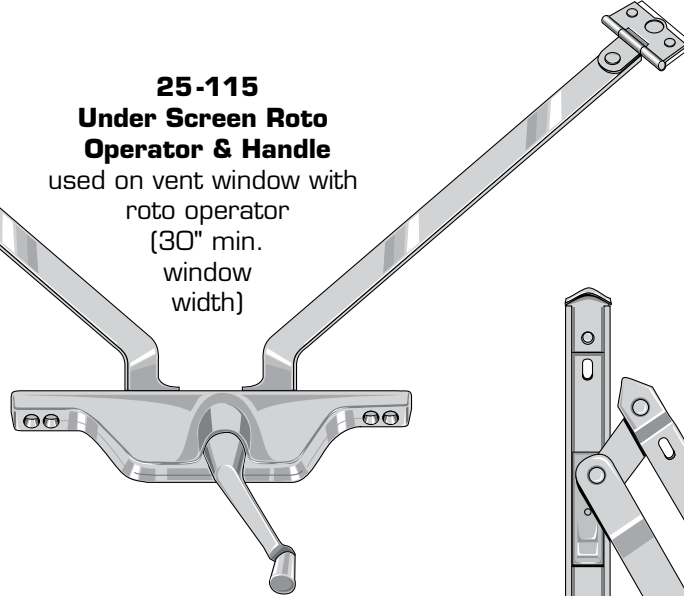


25-15CG

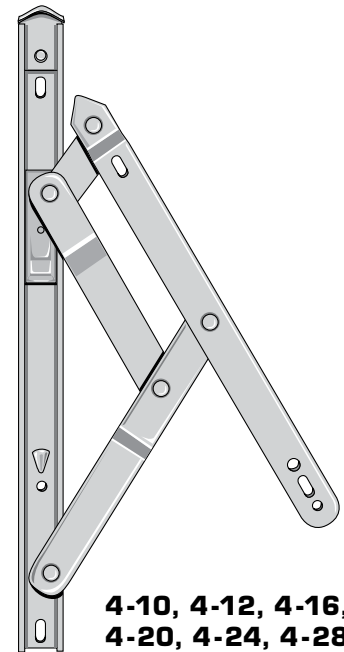
Channel Guide (2 pieces required)
used with under screen roto operator



25-113
Limit Arm
used to limit
opening of
window



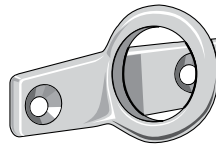
25-115
**Under Screen Roto
Operator & Handle**
used on vent window with
roto operator
(30" min.
window
width)



**4-10, 4-12, 4-16,
4-20, 4-24, 4-28**
4 Bar Friction Hinge
used in vent &
hopper windows

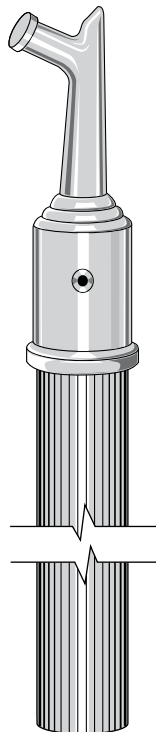


25-117
Pole Tip
used to open & close
pole type cam handles

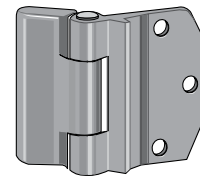
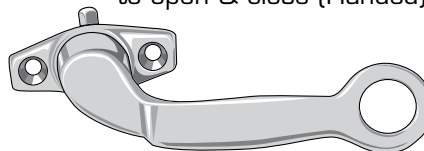


25-114C
Pull Ring
used to open & close hopper
window with pole handle in one
step (used in conjunction with
Pole Type Cam Handles on
windows 48" & over)

25-116
**6' Window
Pole (Aluminum Shaft)**
used to open & close
pole type cam handles

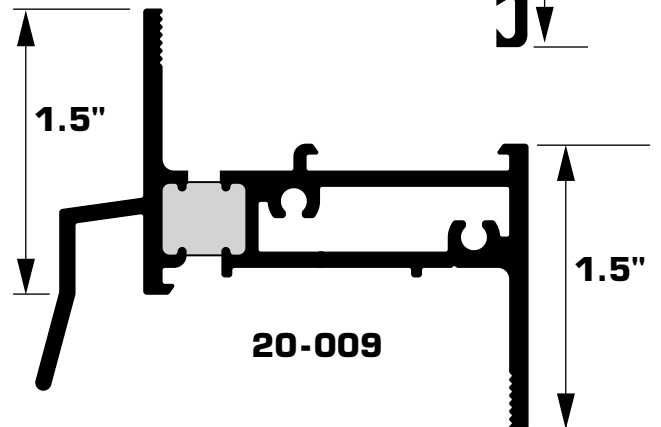
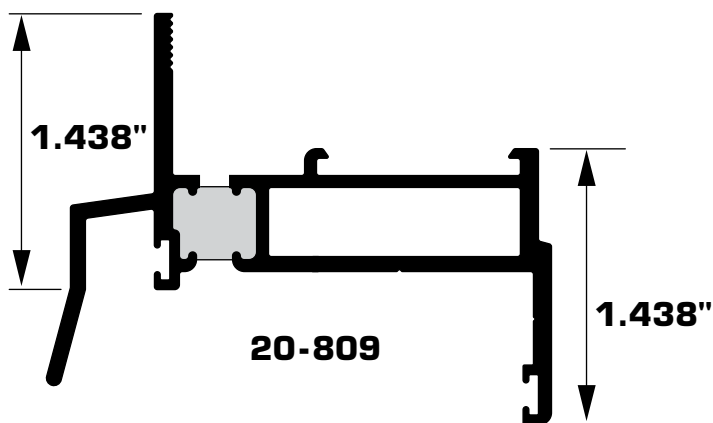
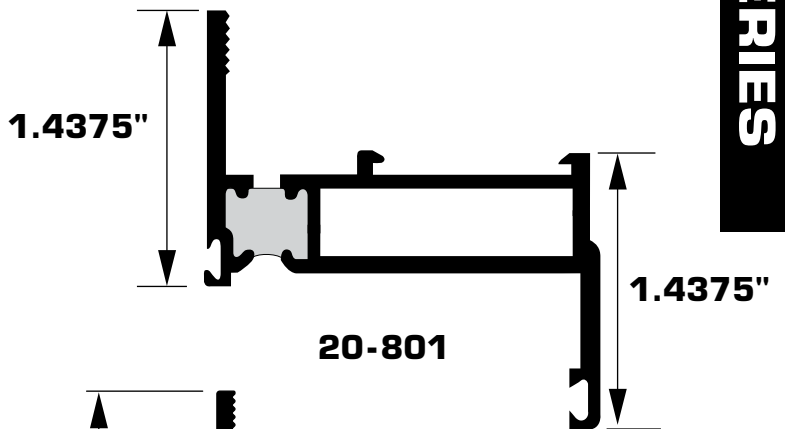
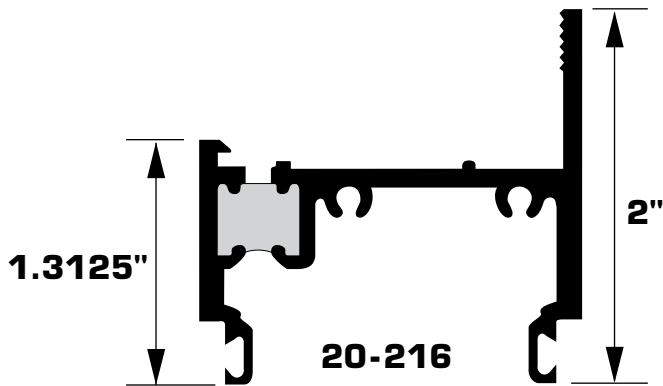
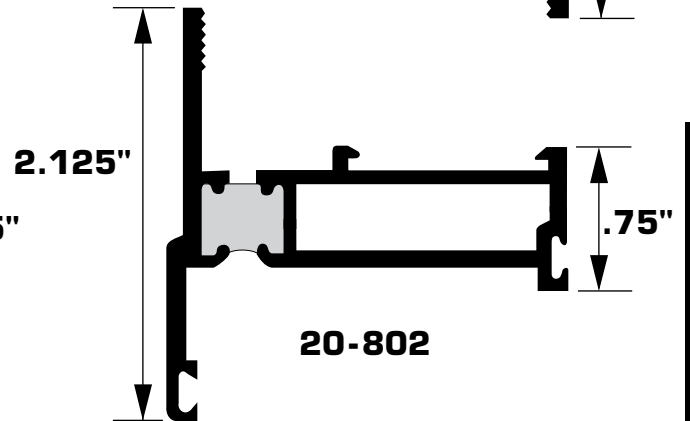
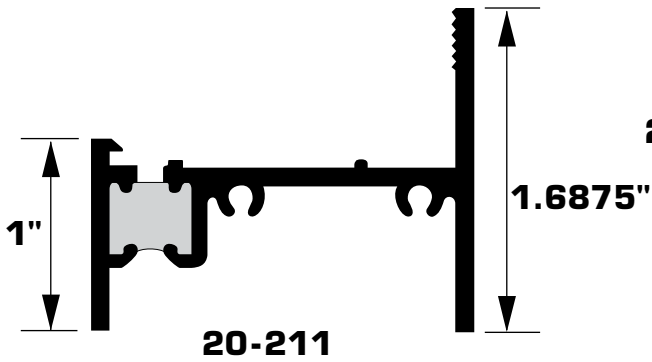
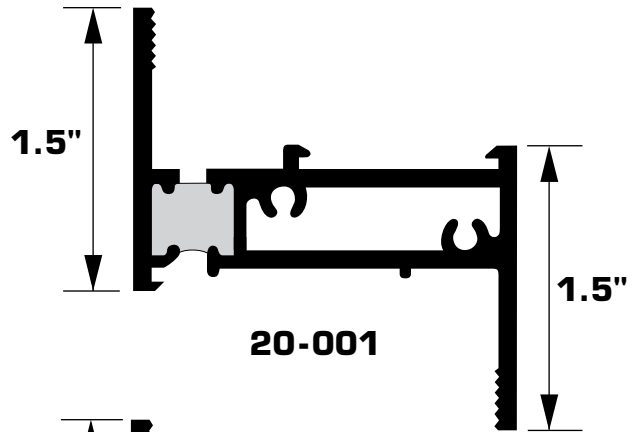
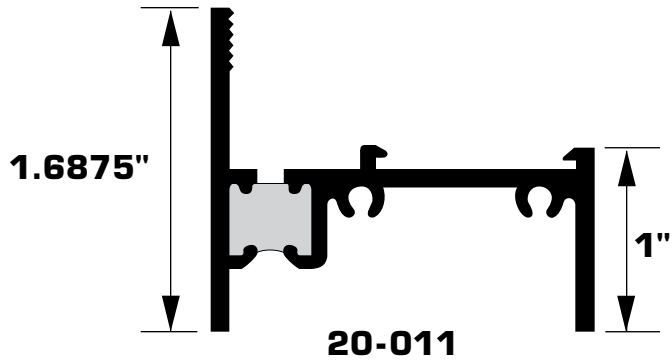


25-114L or 25-114R
Hopper Pole Handle
used on hopper windows
to open & close (Handed)



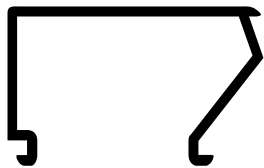
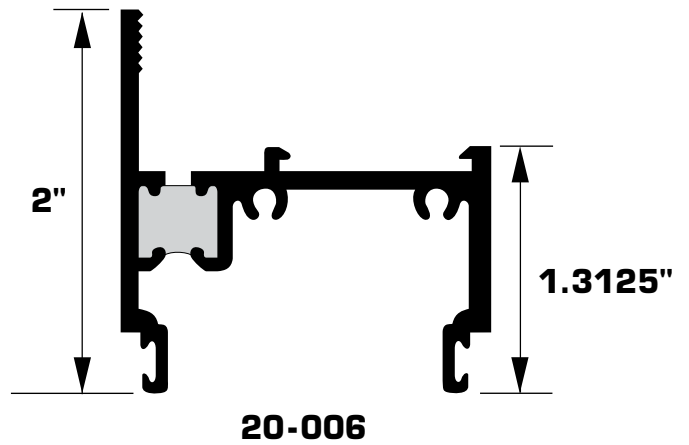
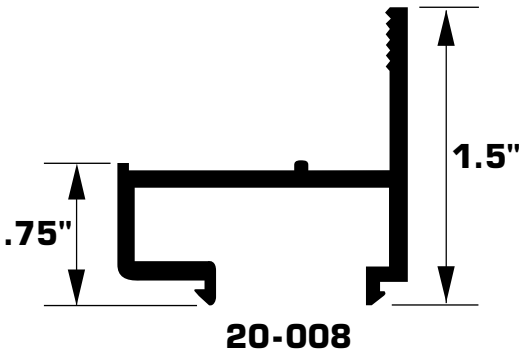
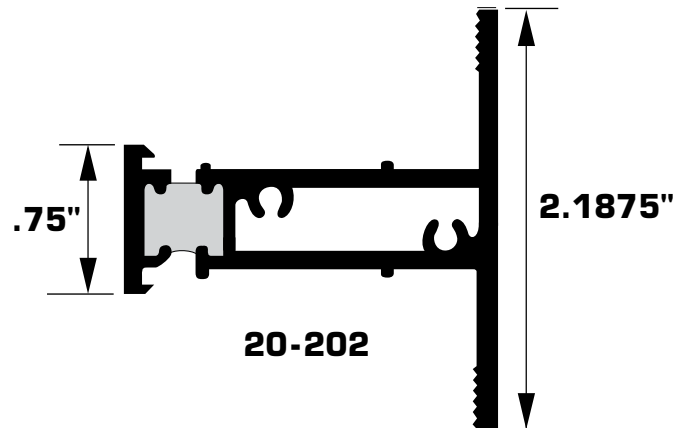
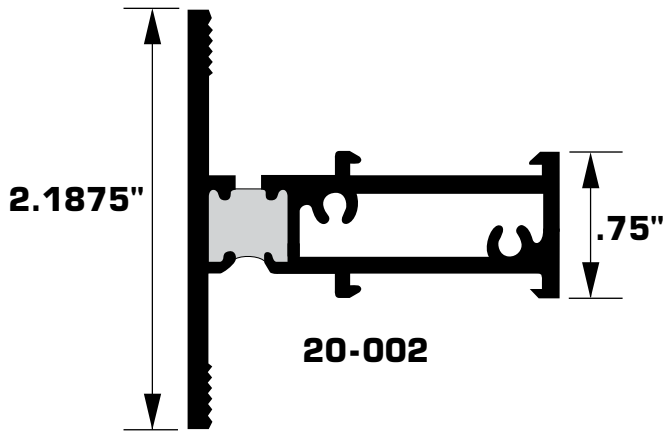
25-112
**Casement
Butt Hinge**
used in
casement
window

2" WINDOW SECTIONS

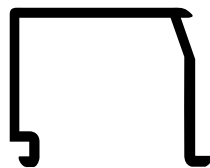


2000 SERIES

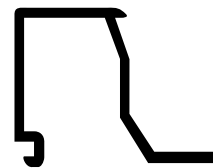
2" WINDOW SECTIONS



20-611
For 1/4" Glass

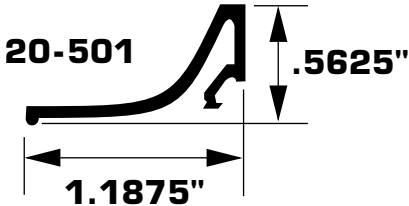
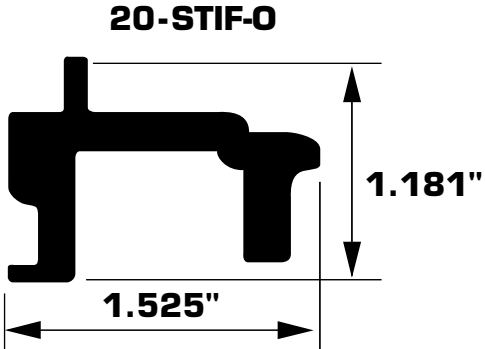
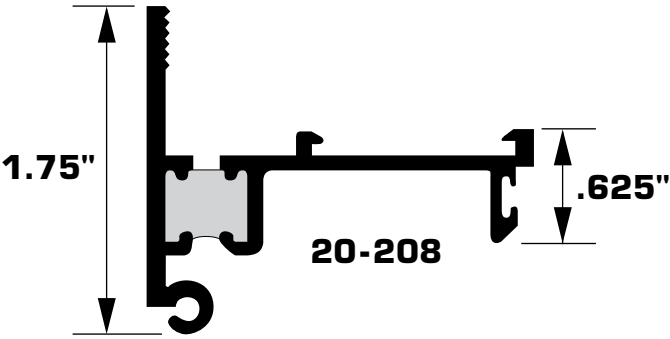


20-658
For 5/8" Glass

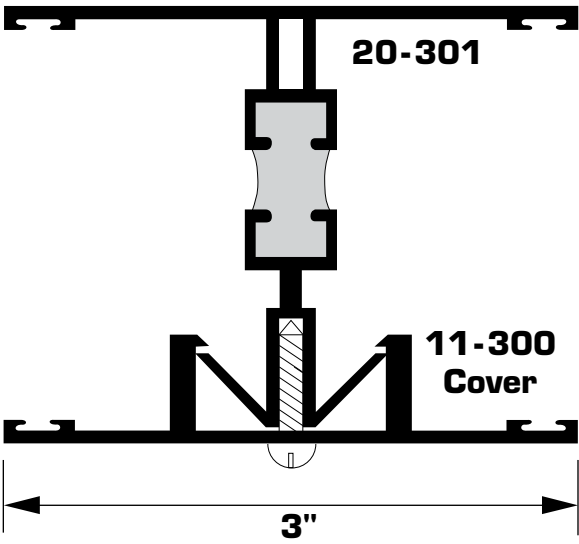


20-600
For 1" Glass

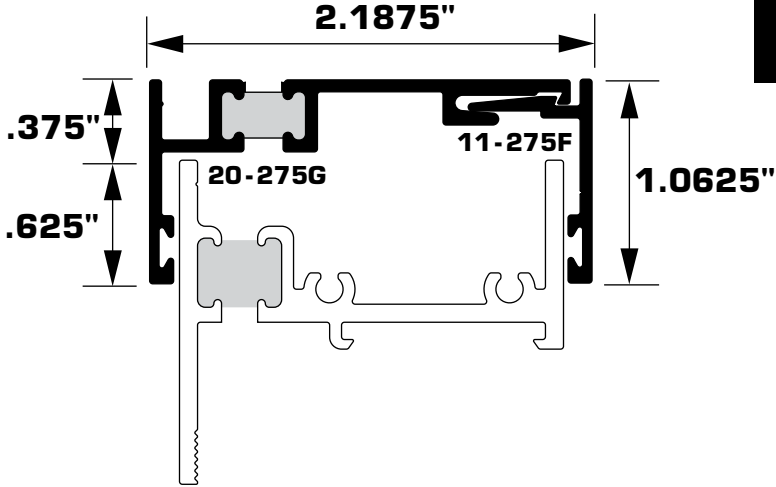
2" WINDOW SECTIONS



2-PIECE MULLION

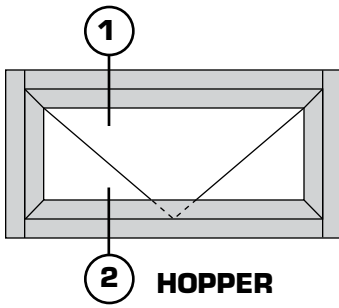


20-275 2-PIECE RECEPTOR (Head and Jamb)

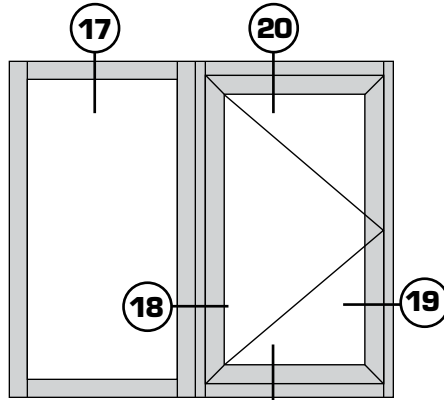


2000 SERIES

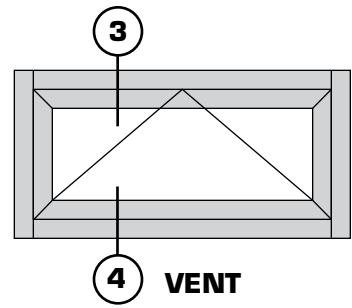
2" WINDOW SECTIONS



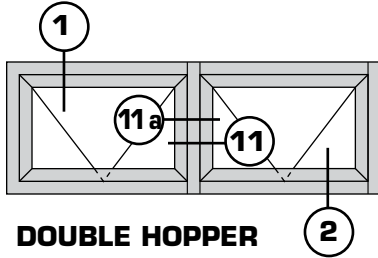
HOPPER



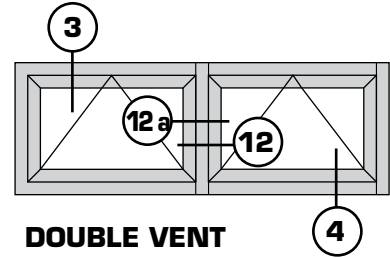
**CASEMENT
W/FIXED LITE**



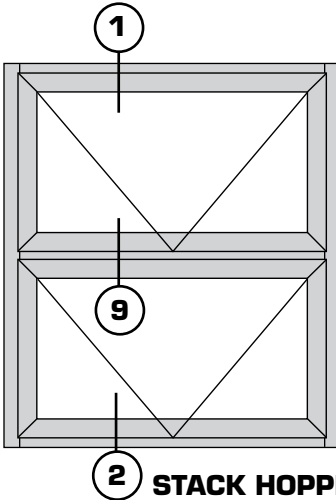
VENT



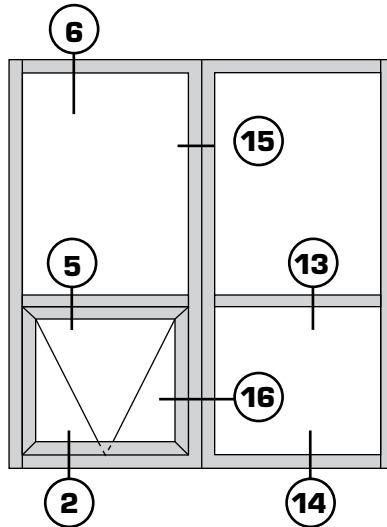
DOUBLE HOPPER



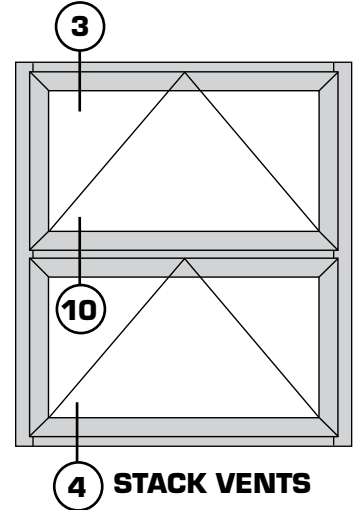
DOUBLE VENT



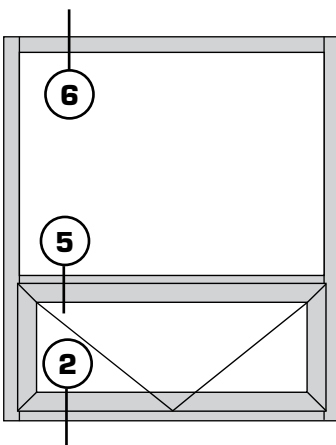
STACK HOPPERS



CLASSROOM W/FIXED LITE

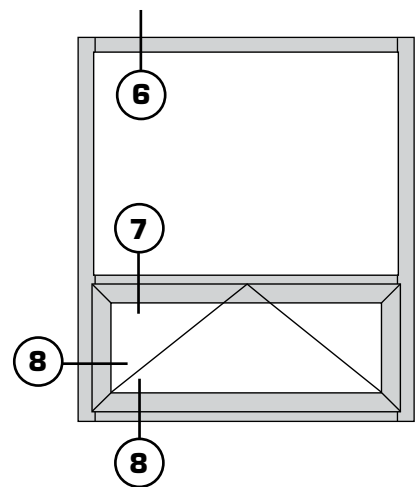
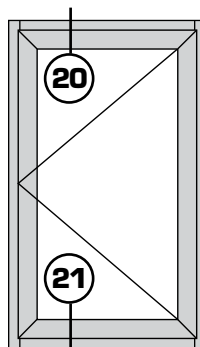


STACK VENTS



CLASSROOM HOPPER

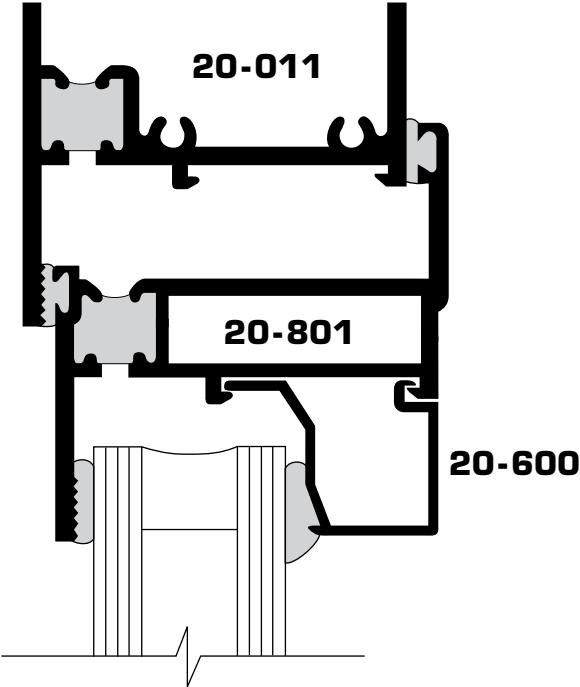
CASEMENT



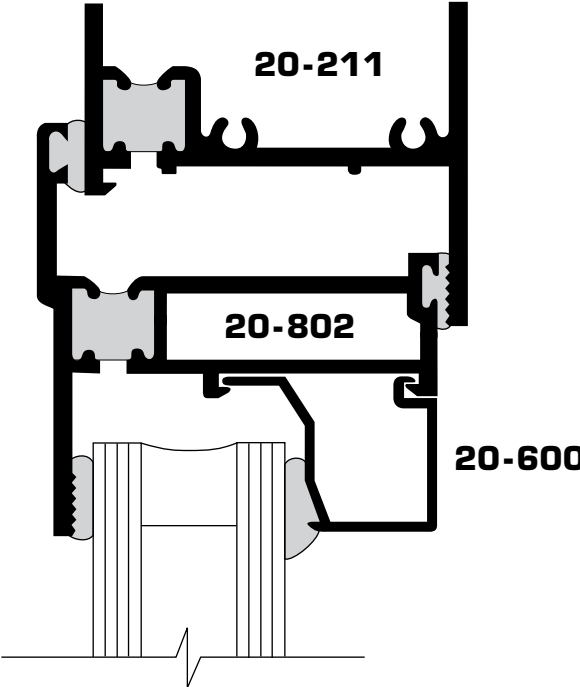
CLASSROOM VENT

2" WINDOW SECTIONS

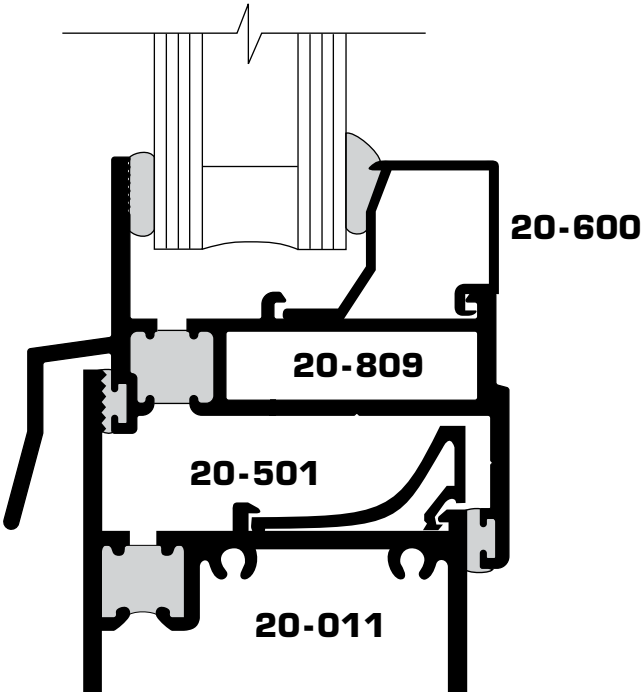
SECTION 1



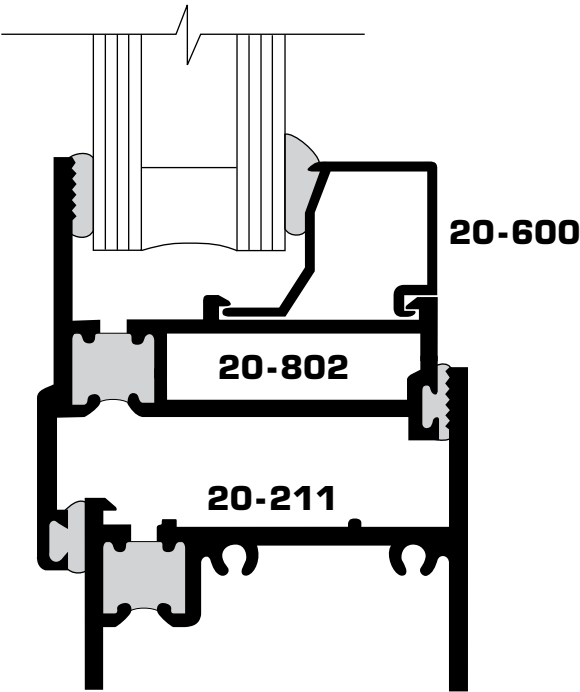
SECTION 3



SECTION 2



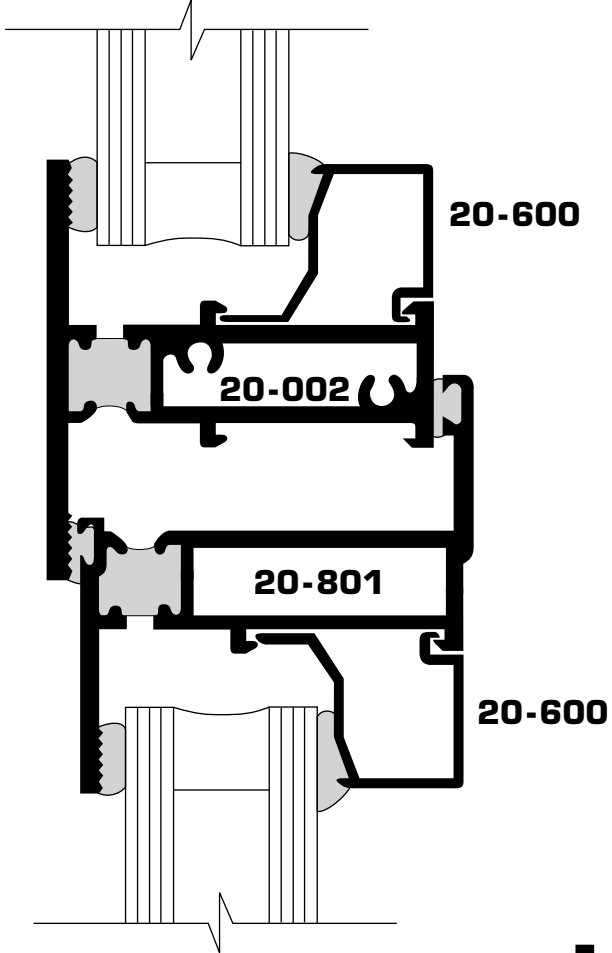
SECTION 4



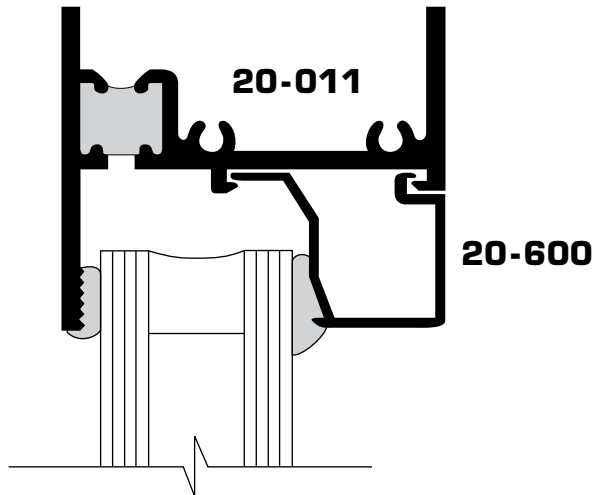
2000 SERIES

2" WINDOW SECTIONS

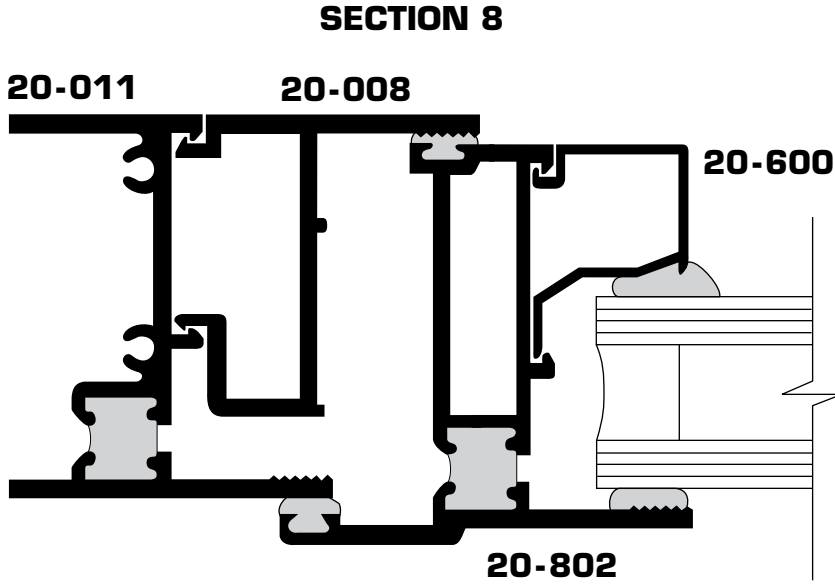
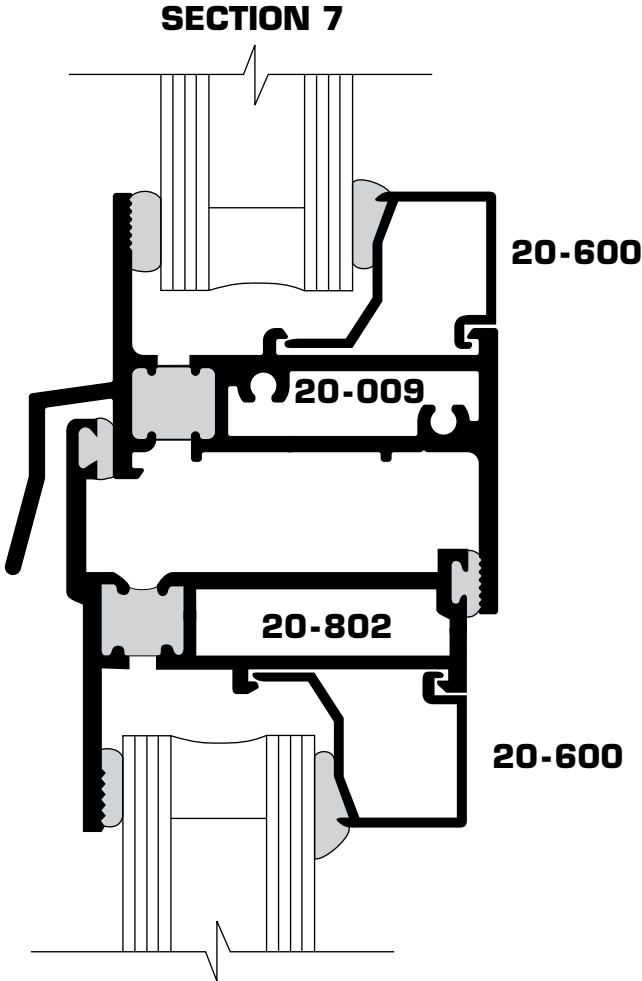
SECTION 5



SECTION 6



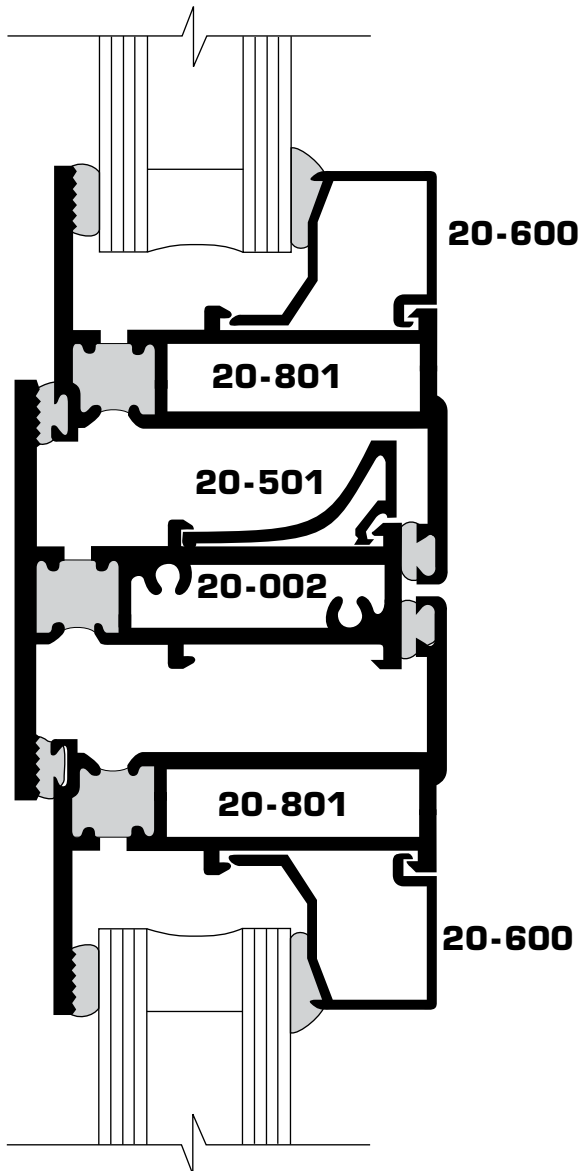
2" WINDOW SECTIONS



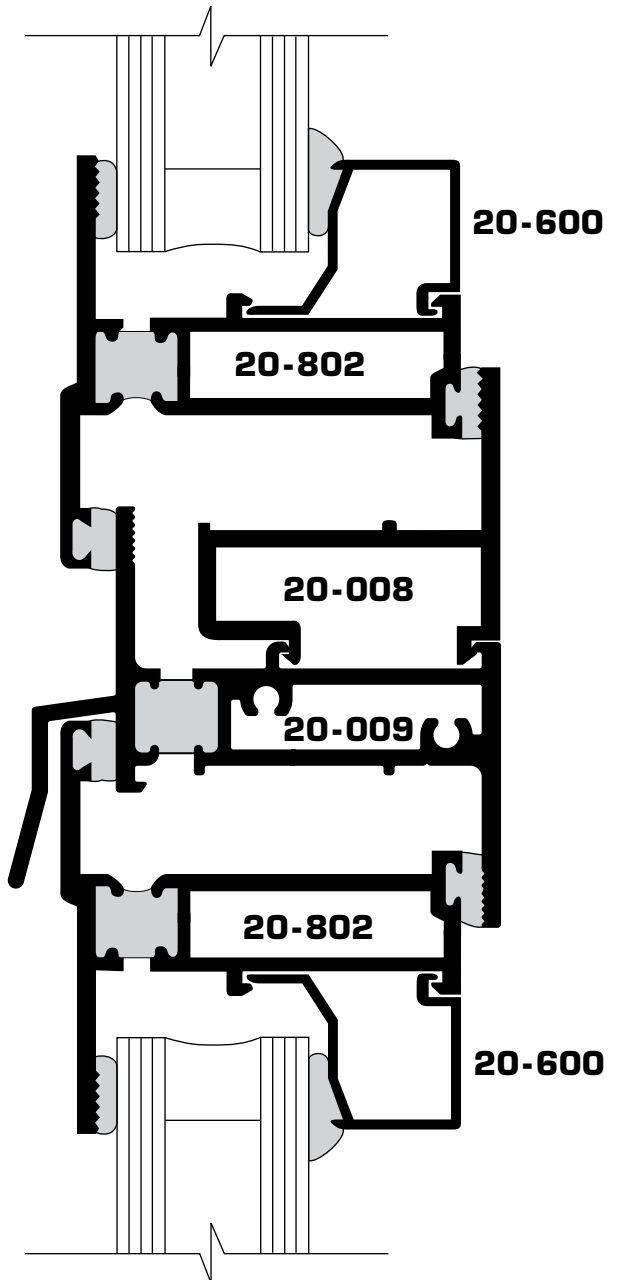
2000 SERIES

2" WINDOW SECTIONS

SECTION 9

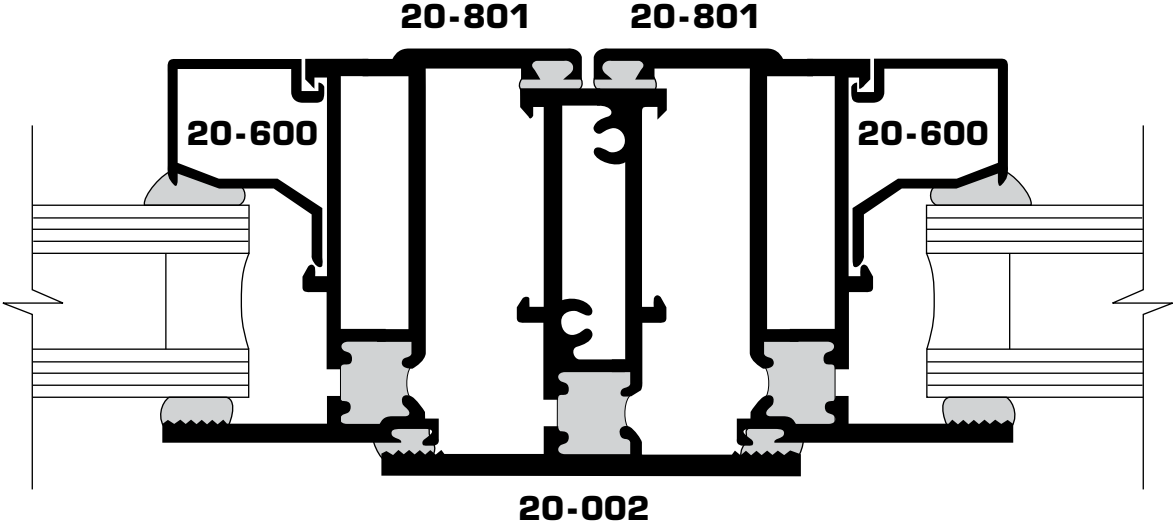


SECTION 10

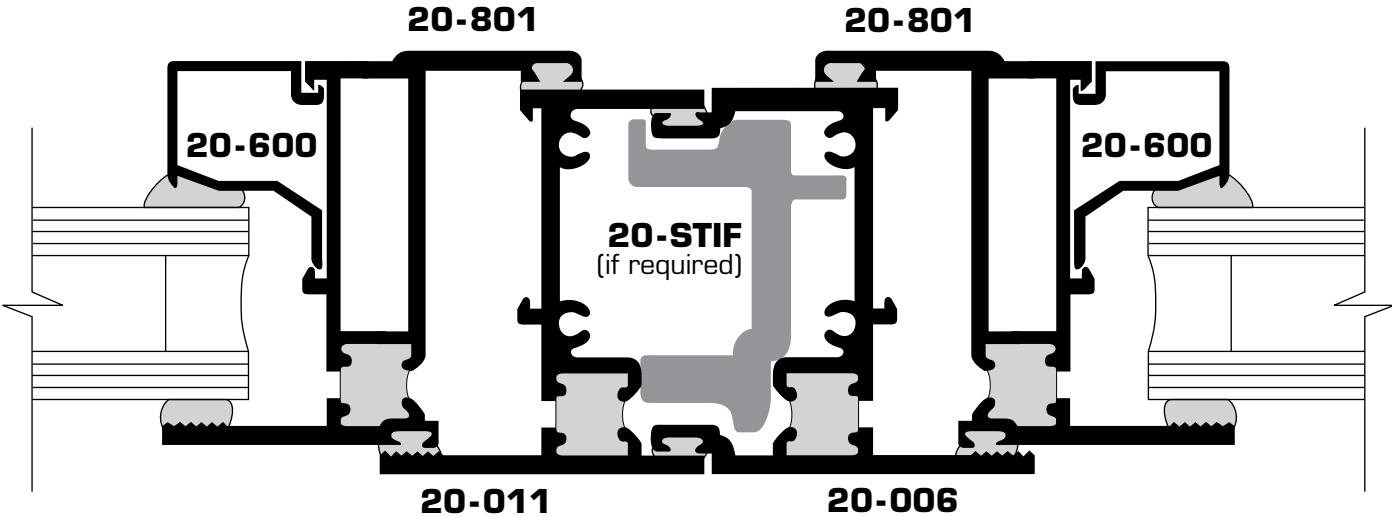


2" WINDOW SECTIONS

SECTION 11



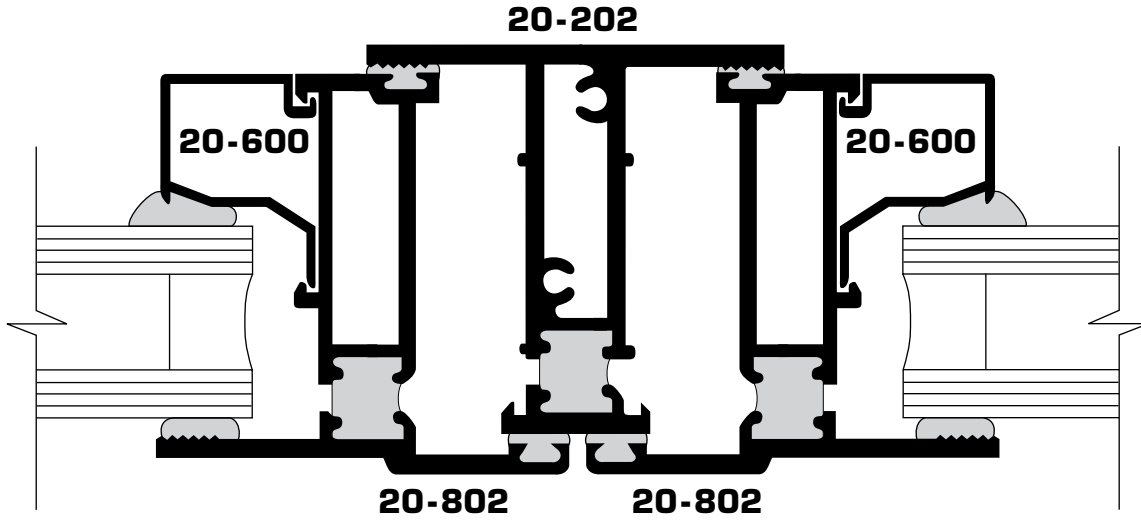
SECTION 11a



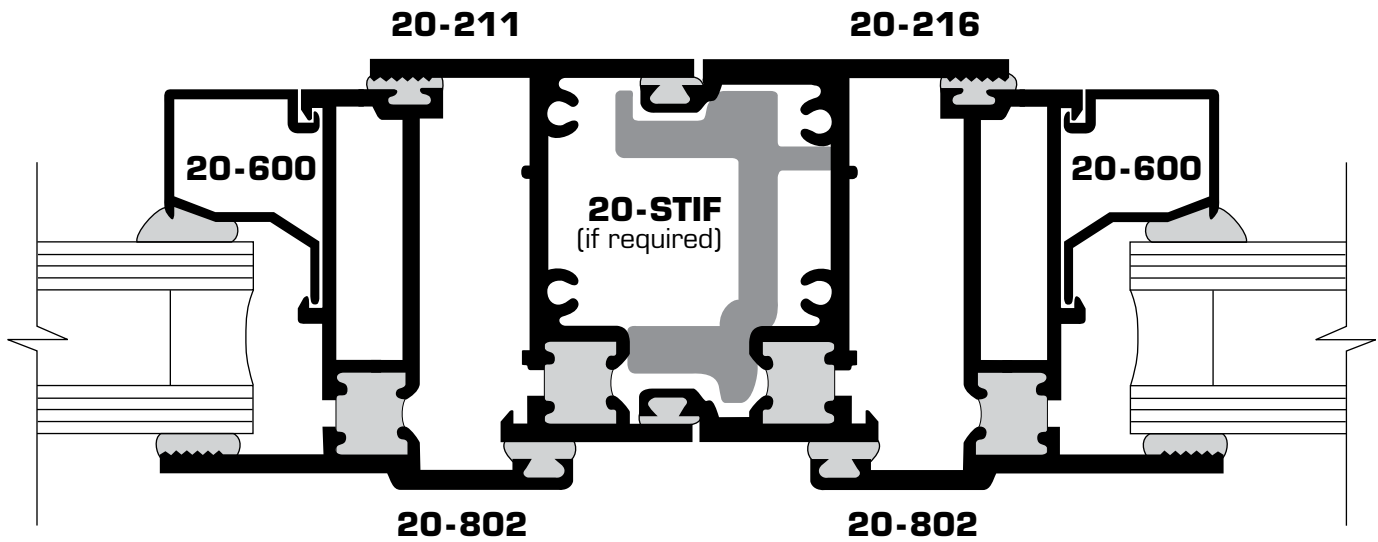
2000 SERIES

2" WINDOW SECTIONS

SECTION 12

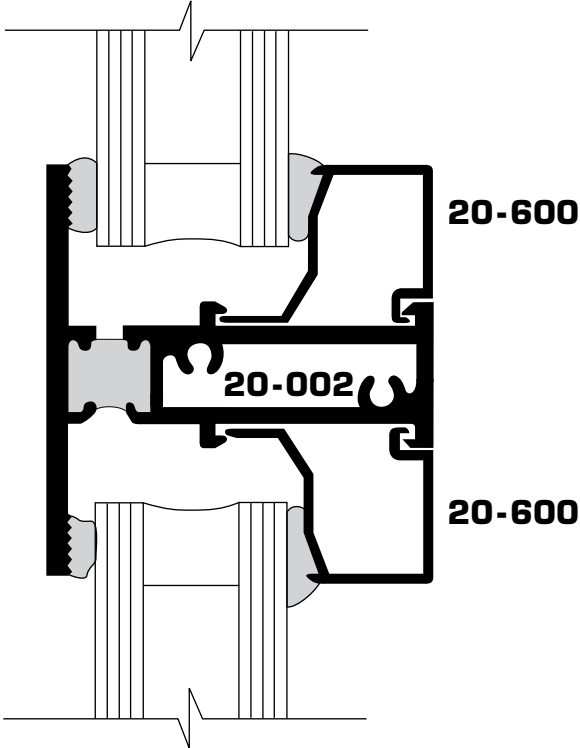


SECTION 12a

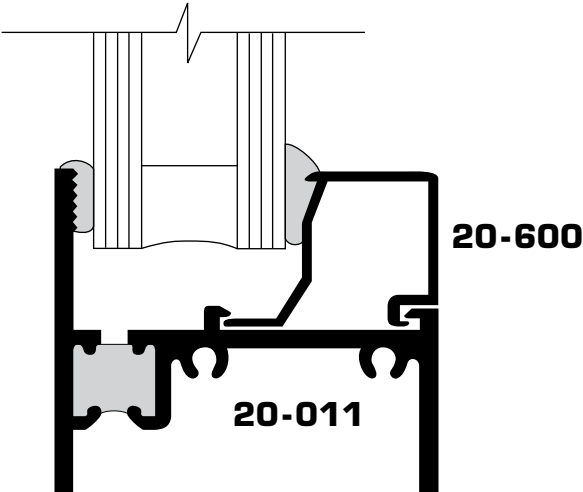


2" WINDOW SECTIONS

SECTION 13



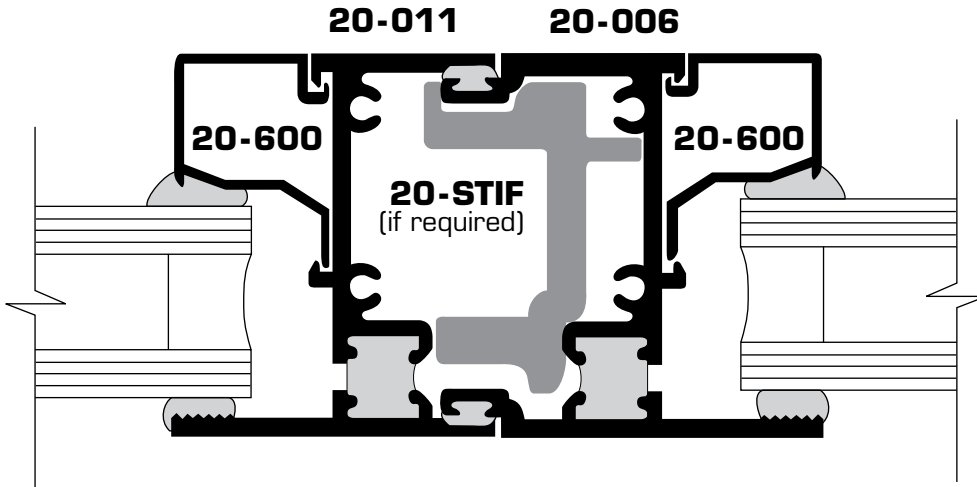
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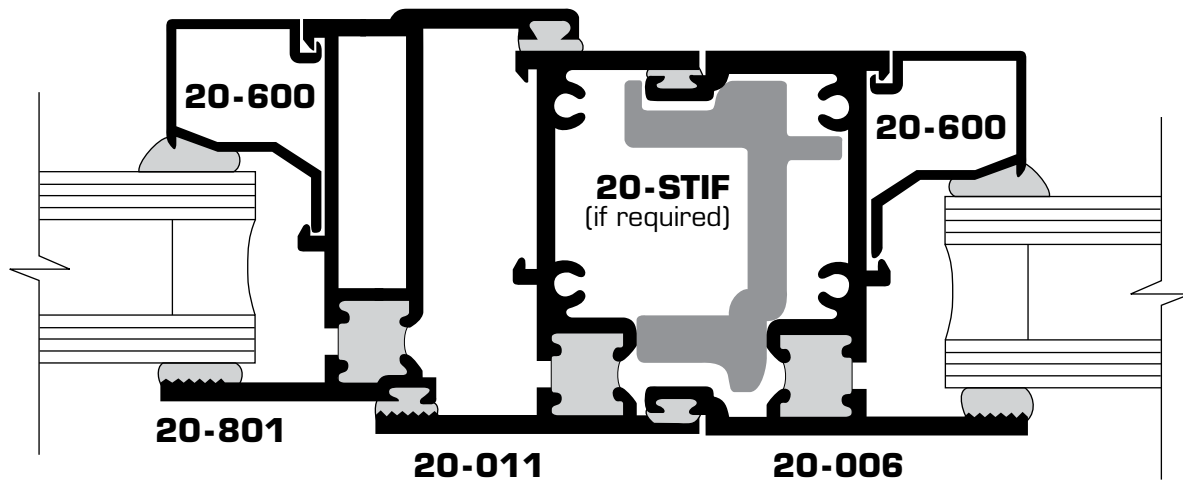
2000 SERIES

2" WINDOW SECTIONS

SECTION 15

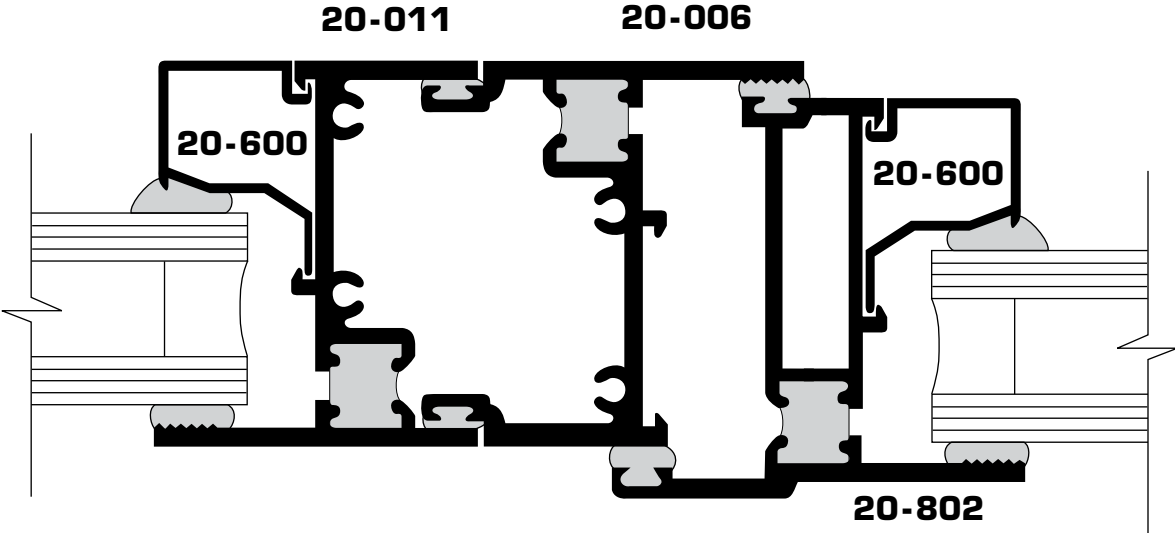


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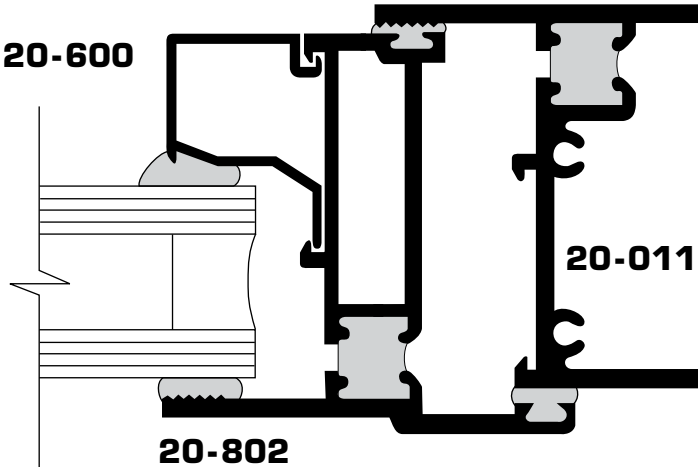


2" WINDOW SECTIONS

SECTION 18



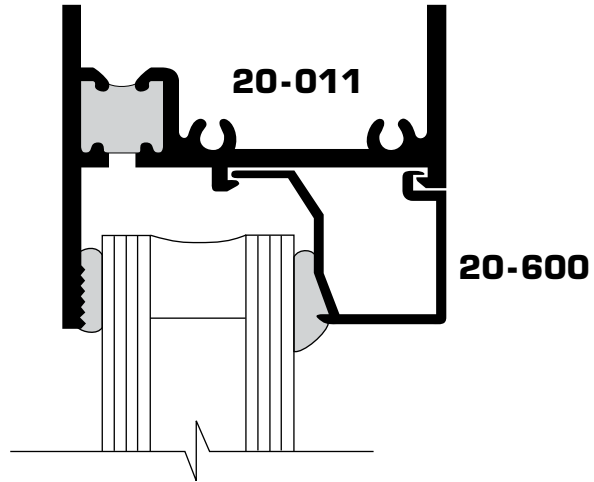
SECTION 19



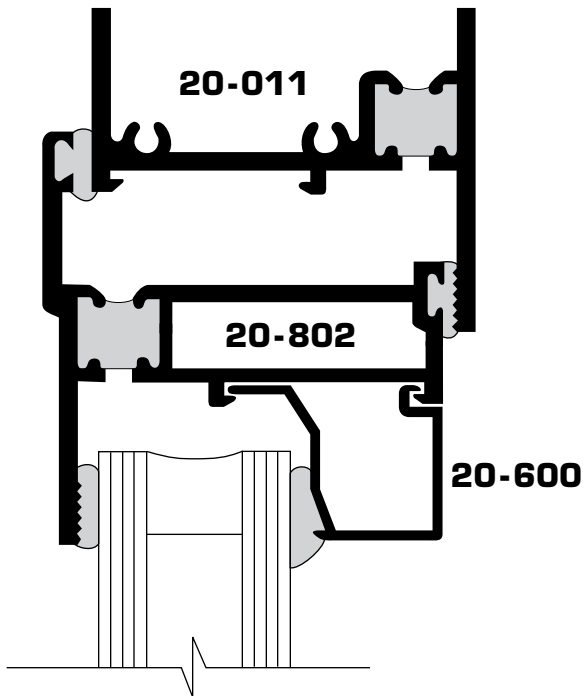
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2" WINDOW SECTIONS

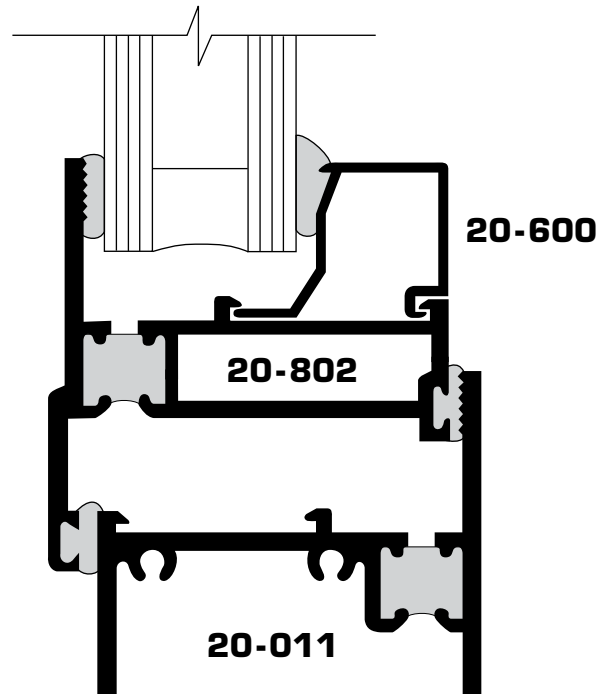
SECTION 17



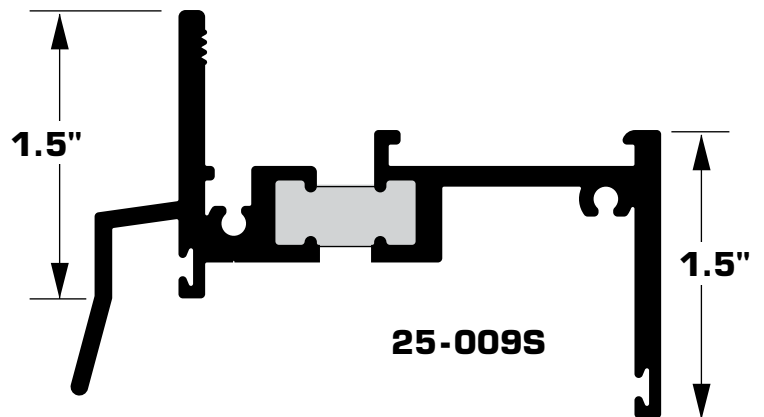
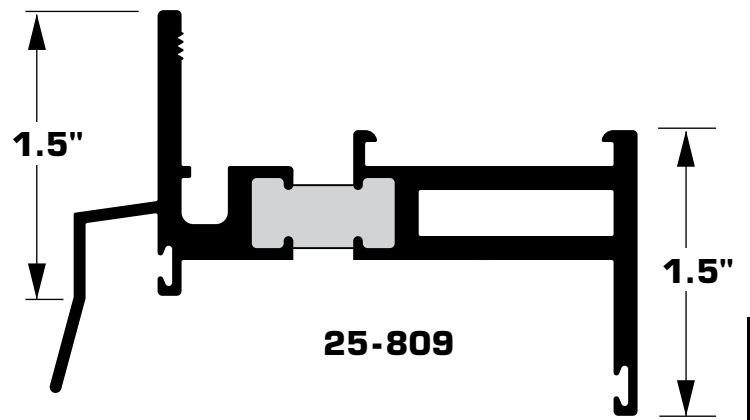
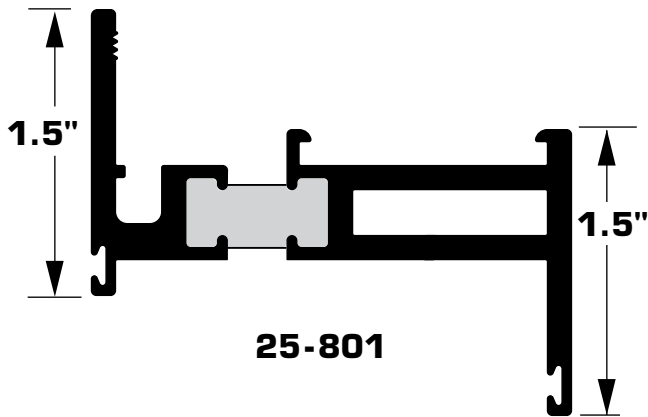
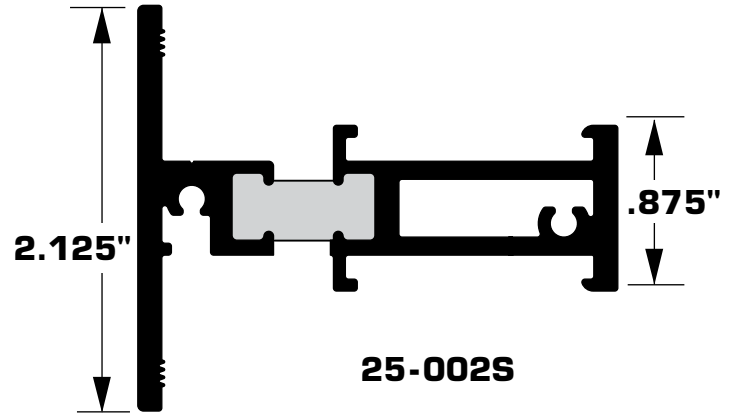
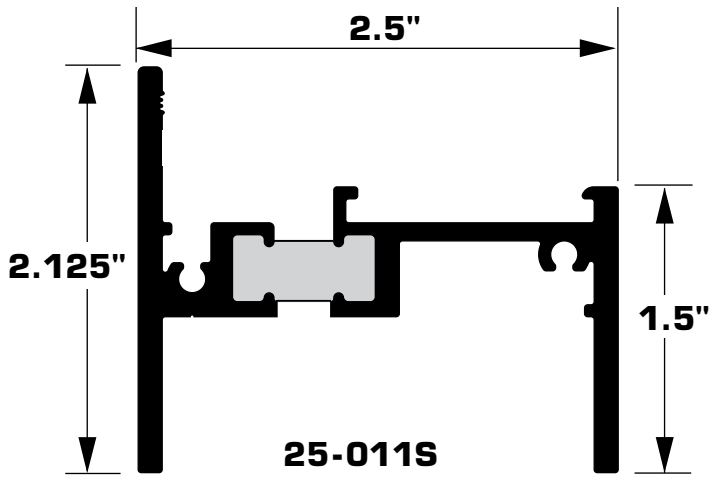
SECTION 20



SECTION 21

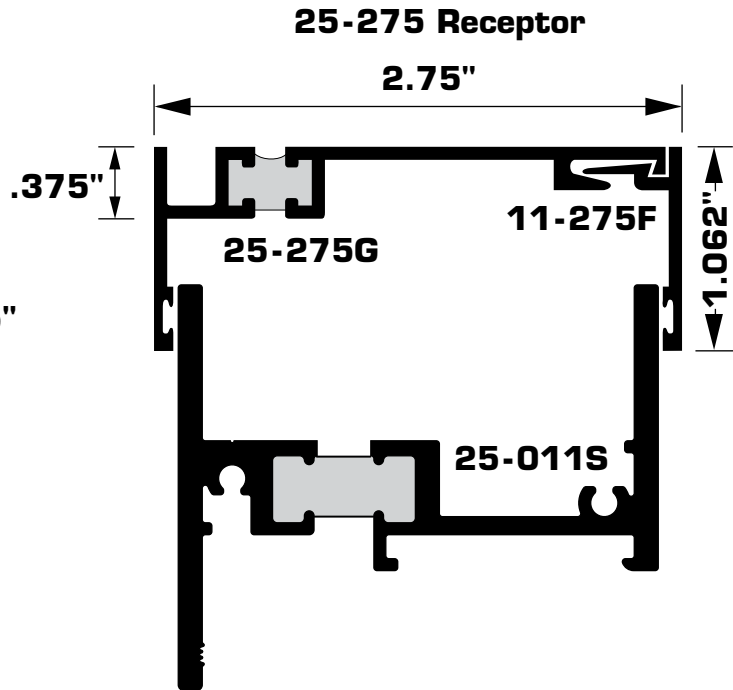
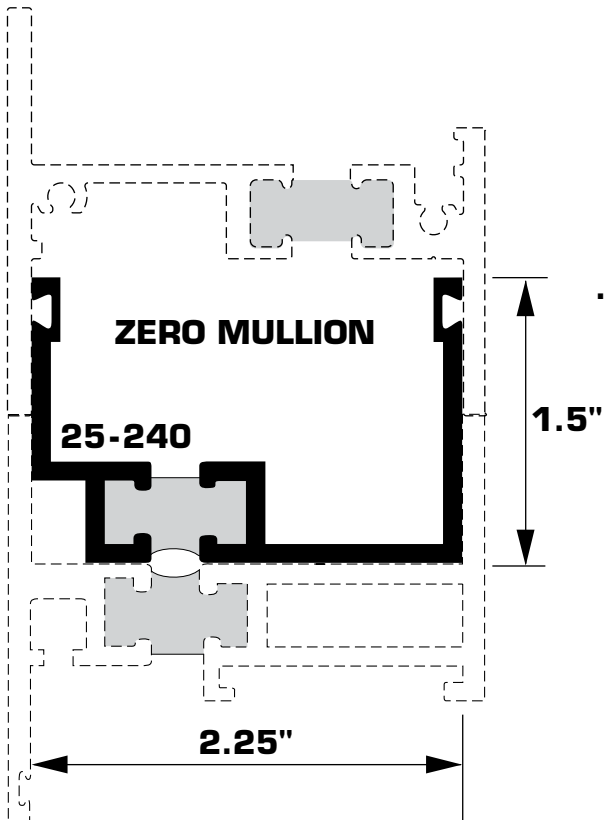
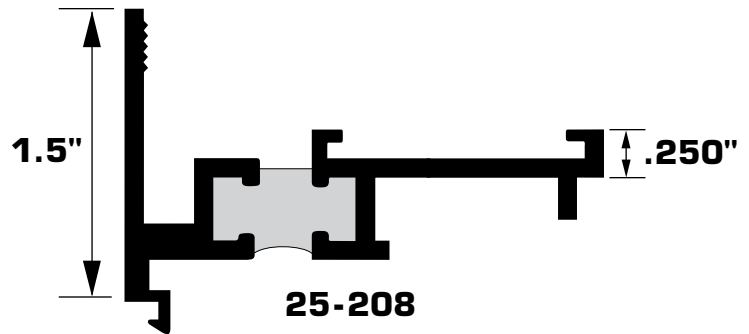
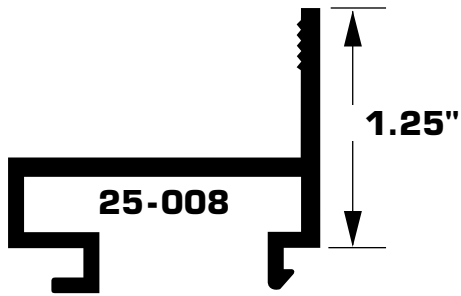
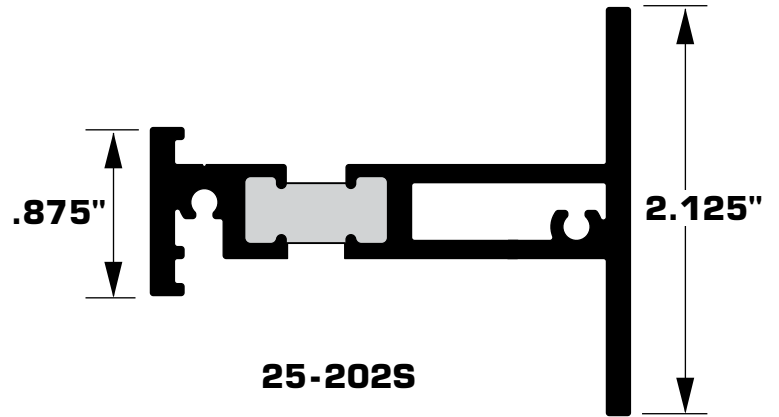
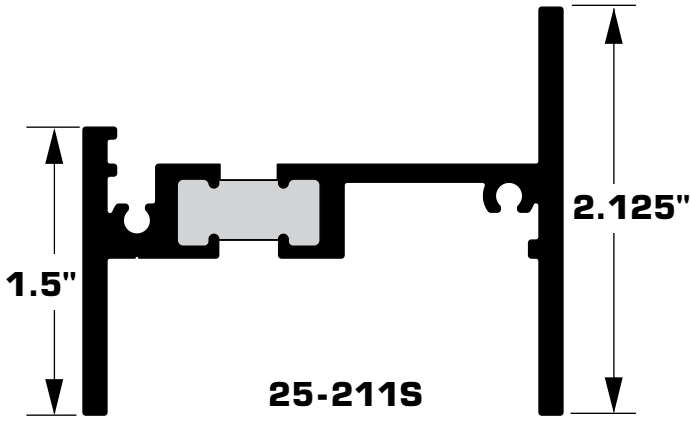


2-1/2" WINDOW SECTIONS

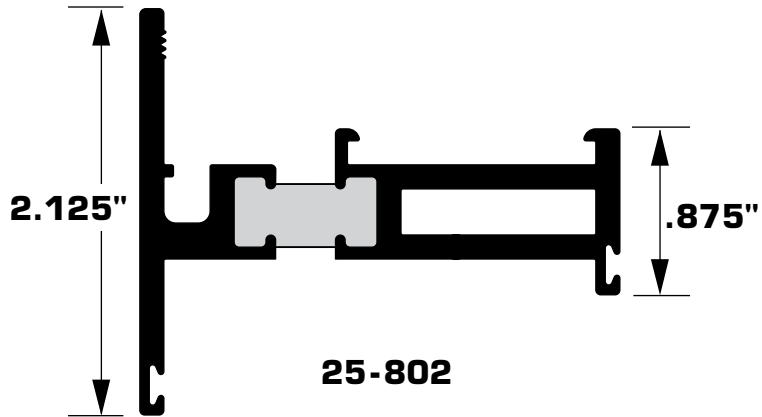


25000 SERIES

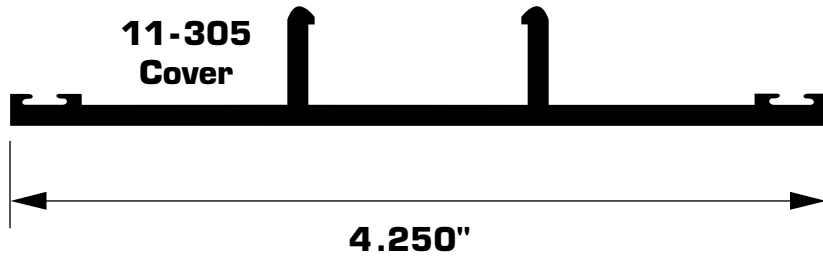
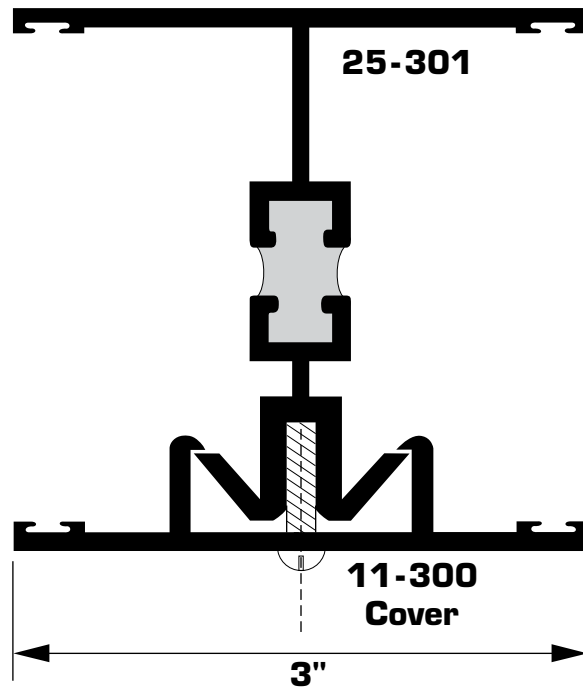
2-1/2" WINDOW SECTIONS



2-1/2" WINDOW SECTIONS



2-PIECE MULLION



25000 SERIES

2-1/2" WINDOW SECTIONS



11-501

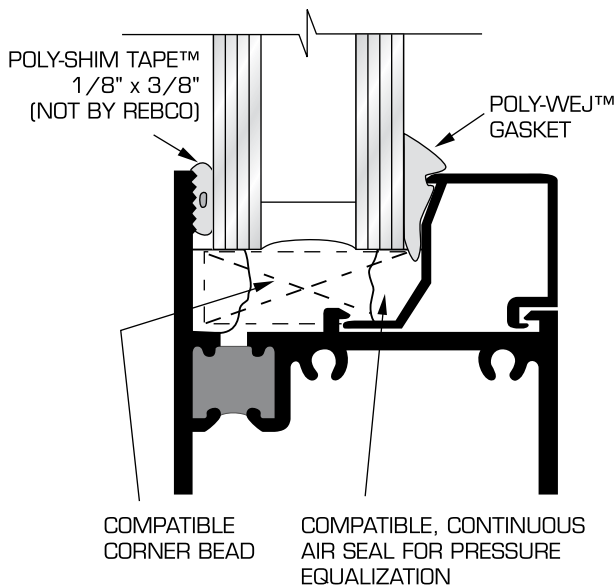


25-600
For 1" Glass



25-658
For 5/8" Glass

POLY-WEJ GLAZING SYSTEM



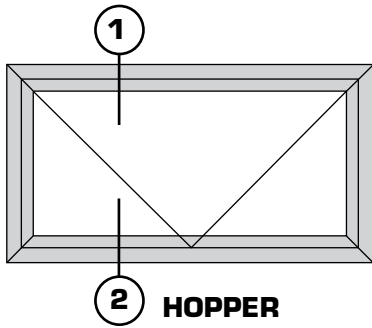
For maximum weather-tightness, a continuous toe bead or heel bead of sealant should be installed

INSTALLATION SEQUENCE:

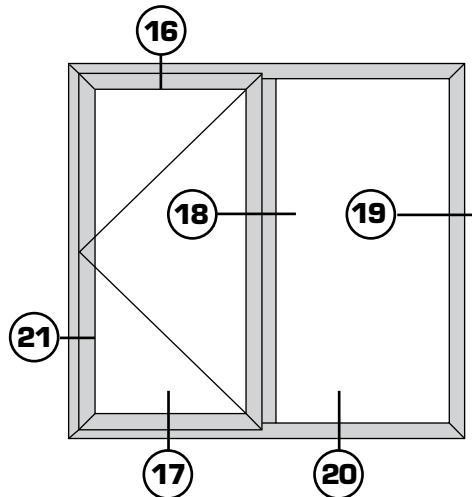
- 1) Windows shall be inspected prior in installation of units into prepared openings on the job site, making sure no damages occurred in transportation, or in storage. All butt and miter joints must be sealed prior to glazing. Sash and framing members are to be checked prior to glazing to make sure openings are square, plum and secure to maintain face and edge clearance. All ventilators and operating sash must be properly adjusted and glazed in the closed position. Surfaces that the tape will contact should be wiped with a suitable solvent to remove any oil deposits, dirt, dust, loose mortar, or any other foreign matter.
- 2) REBCO, Inc. recommends applying Tremco's Polyshim II Tape, uniformly recessed 1/32" below the site line of the window. **Please follow the glazing tape/gasket installation instructions found on Tremco's website: www.TREMCOSEALANTS.COM**
- 3) Be sure to daub butted tape joints with sealant to ensure a continuous exterior seal.
- 4) Apply corner bead of compatible sealant at each corner.
- 5) Place setting blocks per glass manufacturers requirements.
- 6) Set glass. Press firmly into tape.
- 7) Install removable stop.
- 8) Install Poly-Wej Gasket provided by REBCO, Inc.

Good glazing practices prevail. Refer to Tremco's website for instruction for glazing windows with Polyshim II Tape.

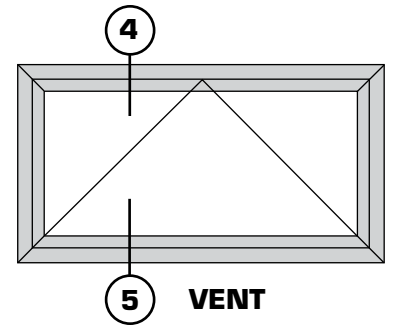
2-1/2" WINDOW SECTIONS



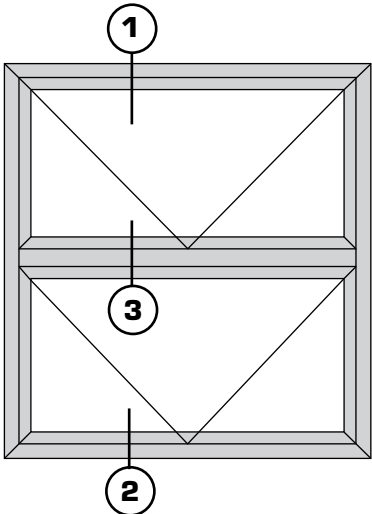
HOPPER



CASEMENT W/FIXED LITE

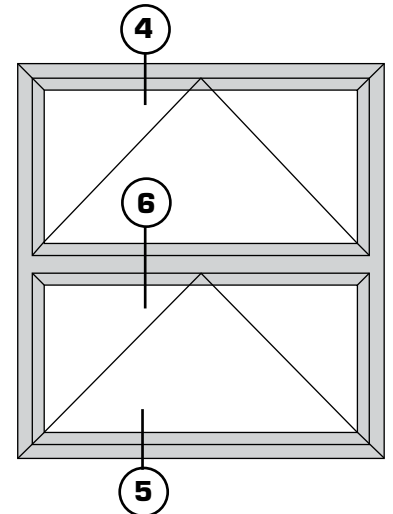
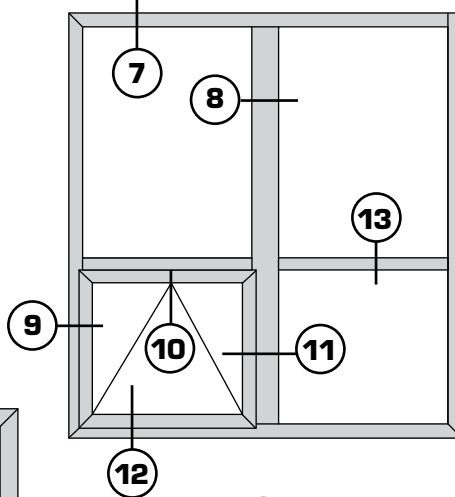


VENT

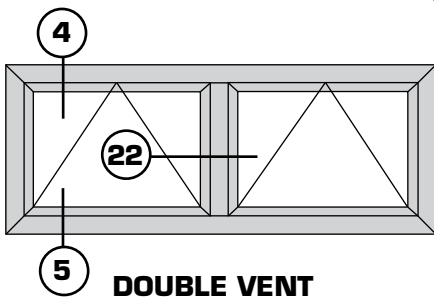


STACK HOPPER

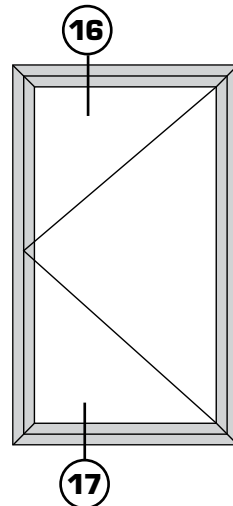
CLASSROOM W/FIXED LITE



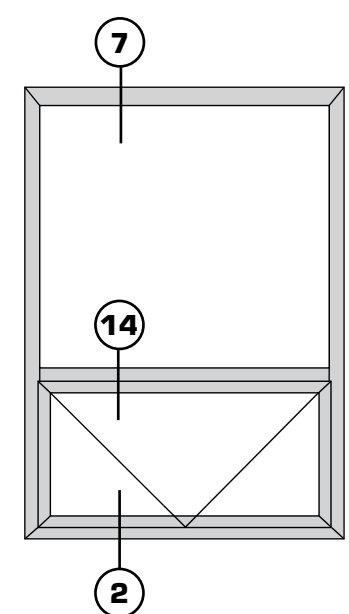
STACK VENTS



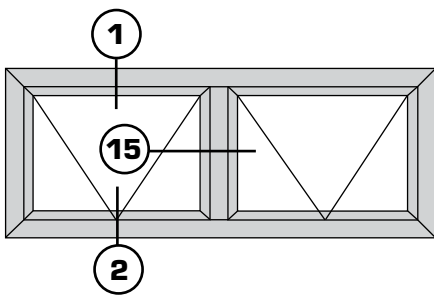
DOUBLE VENT



CASEMENT



CLASSROOM HOPPER

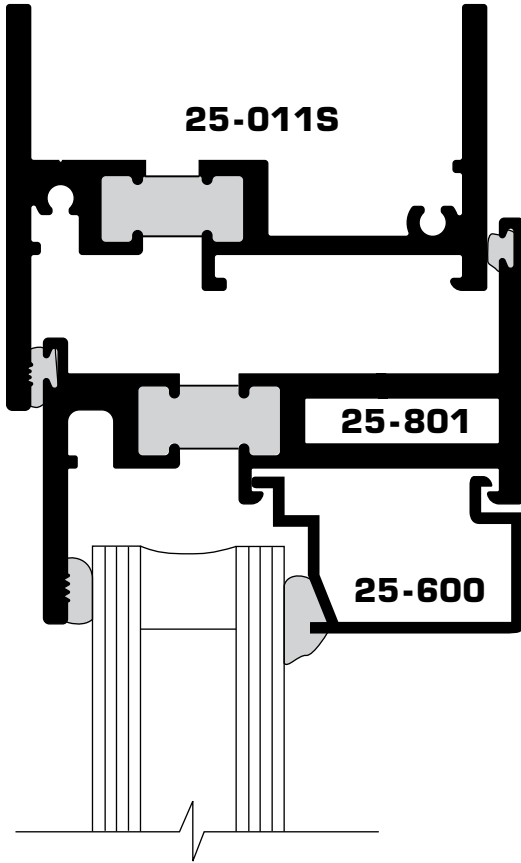


DOUBLE HOPPER

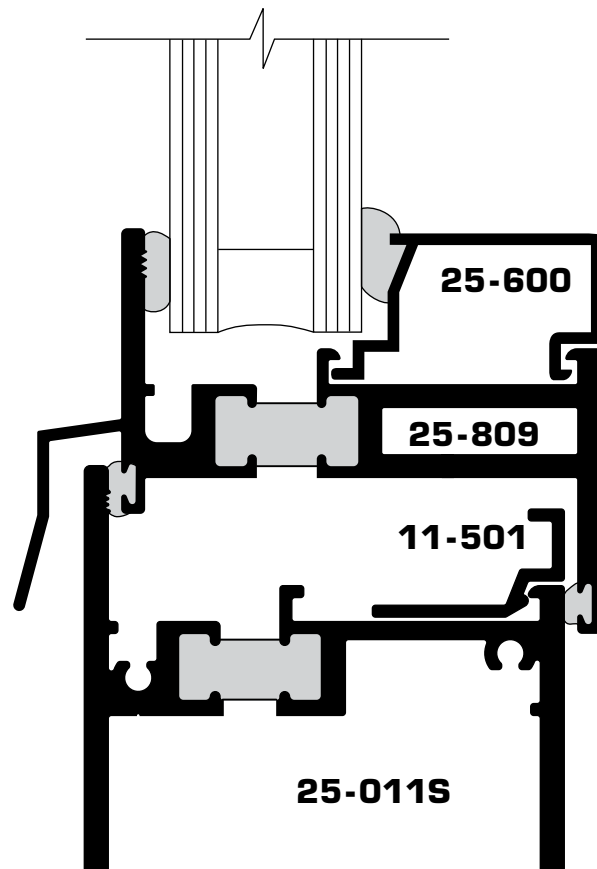
25000 SERIES

2-1/2" WINDOW SECTIONS

SECTION 1

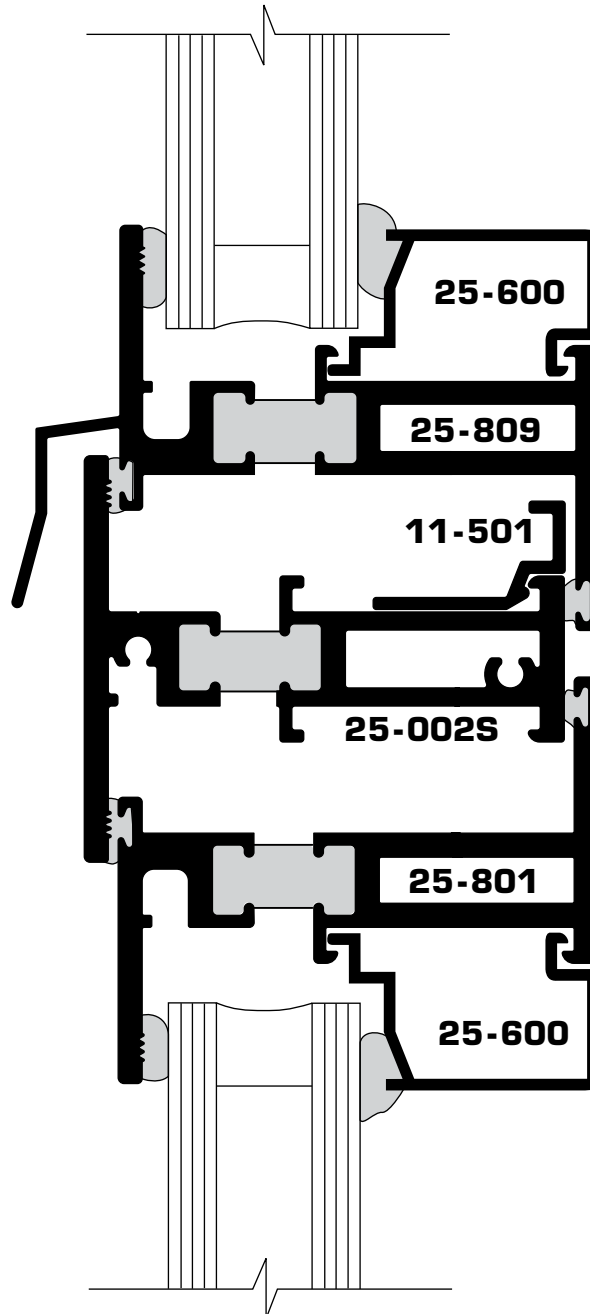


SECTION 2



2-1/2" WINDOW SECTIONS

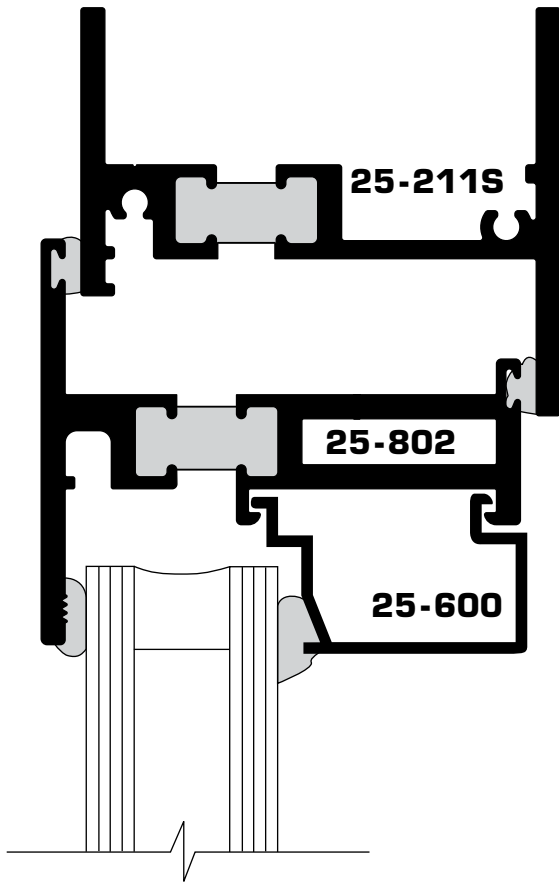
SECTION 3



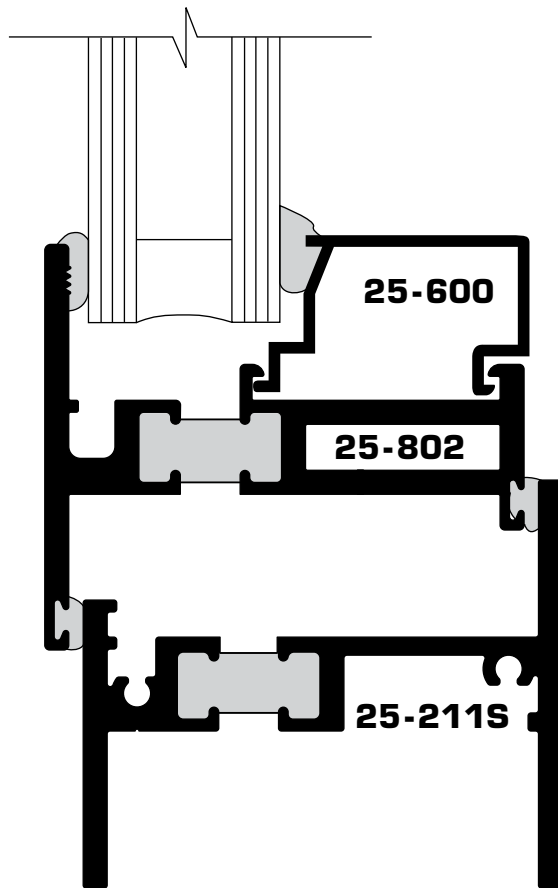
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2-1/2" WINDOW SECTIONS

SECTION 4

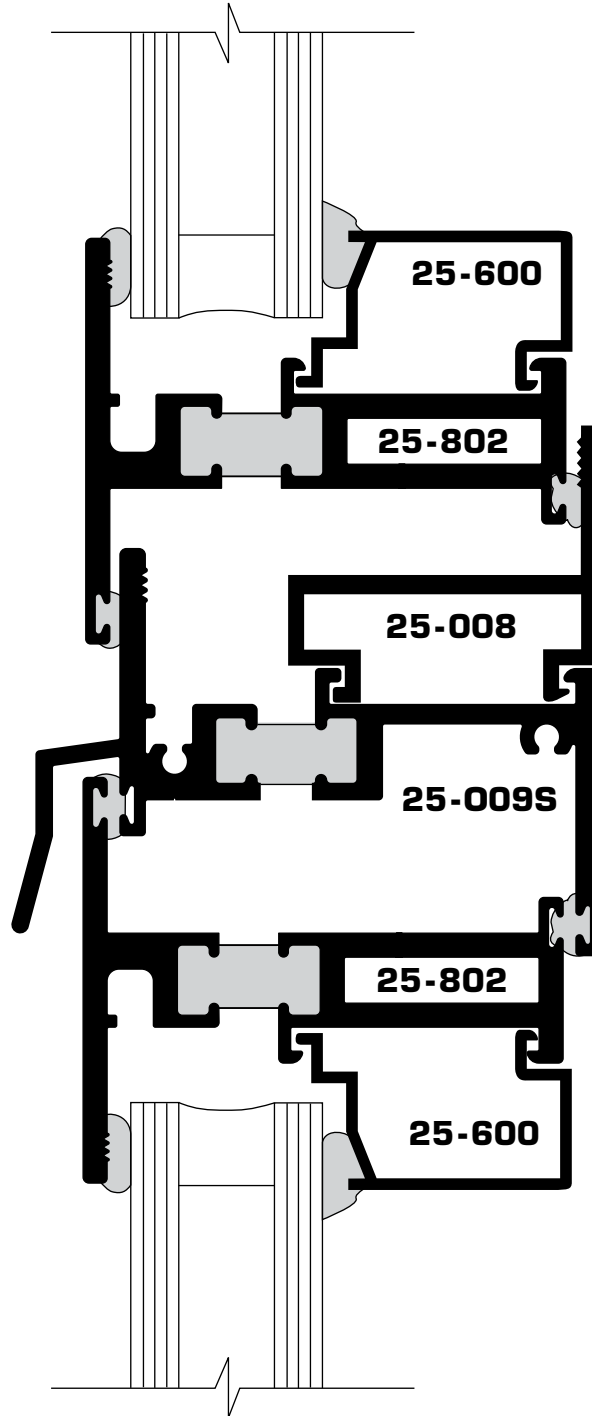


SECTION 5



2-1/2" WINDOW SECTIONS

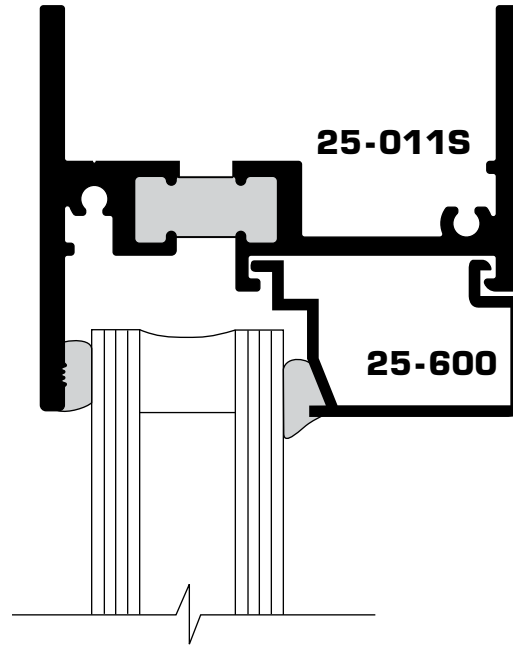
SECTION 6



25000 SERIES

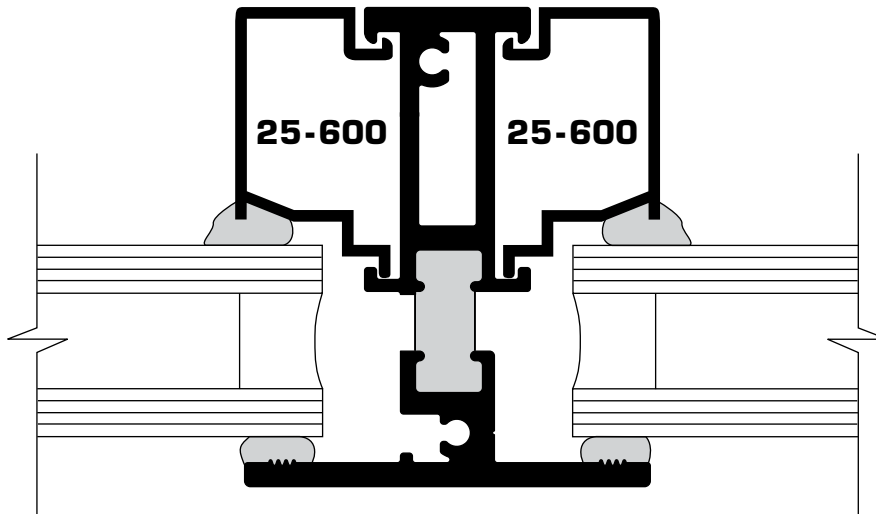
2-1/2" WINDOW SECTIONS

SECTION 7



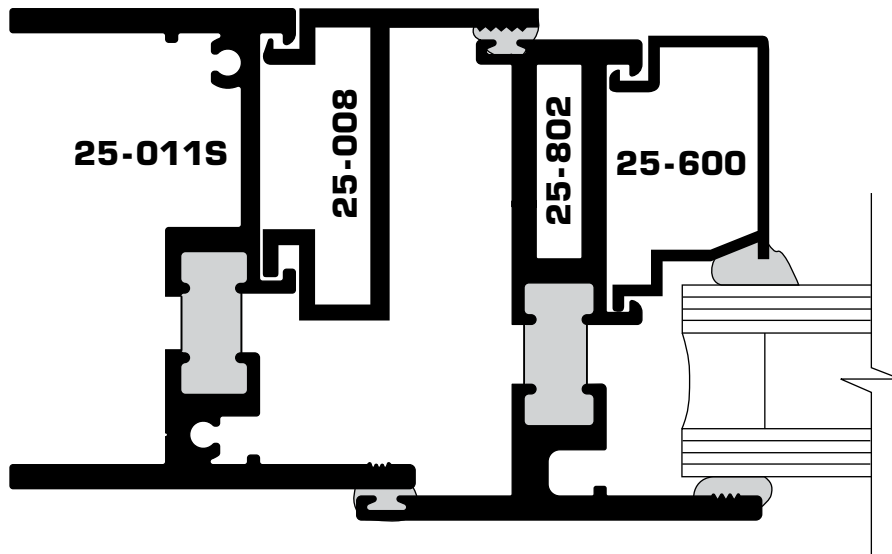
SECTION 8

25-002S

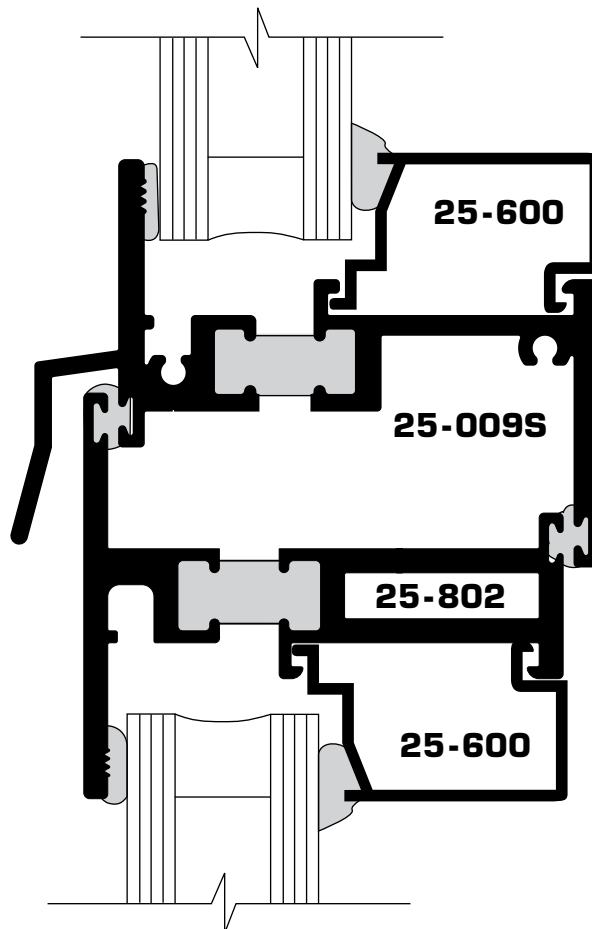


2-1/2" WINDOW SECTIONS

SECTION 9



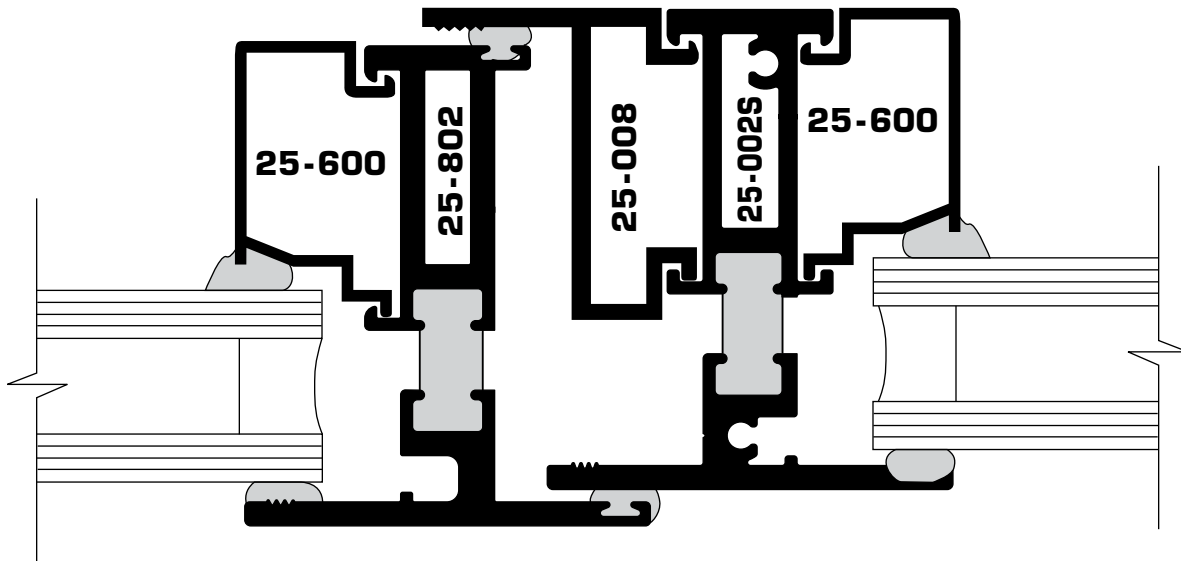
SECTION 10



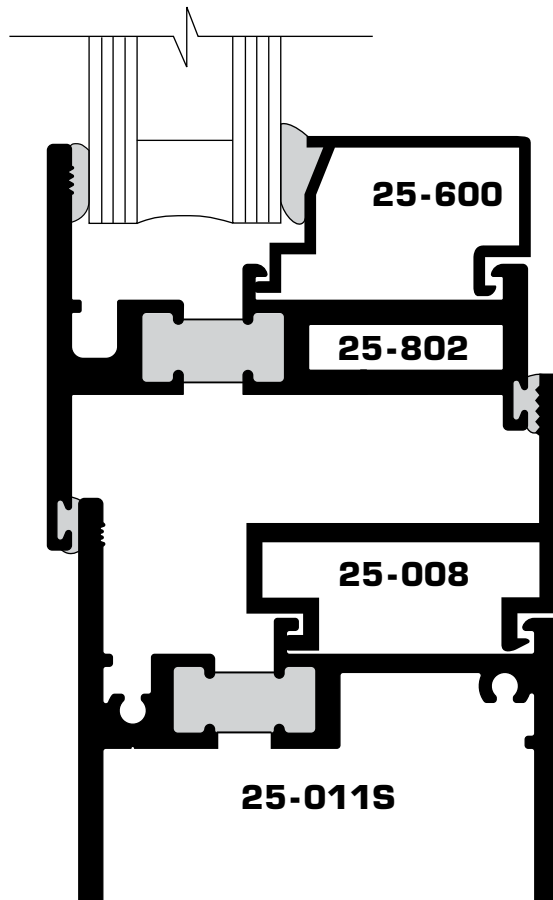
25000 SERIES

2-1/2" WINDOW SECTIONS

SECTION 11

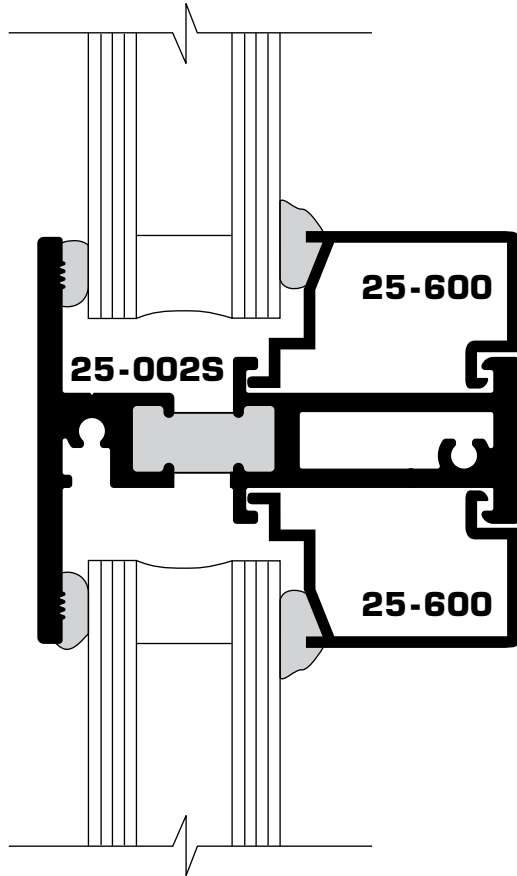


SECTION 12

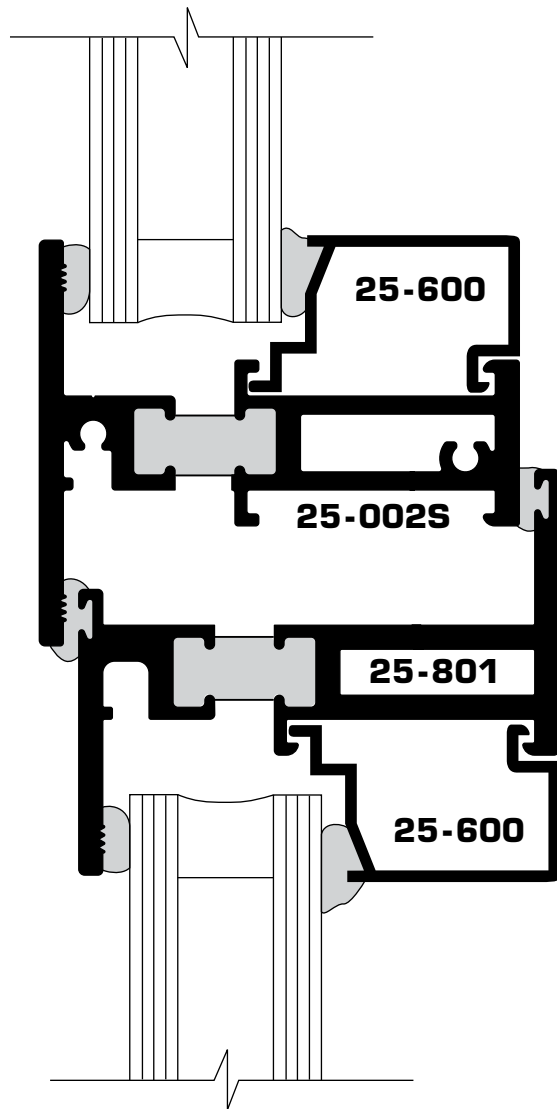


2-1/2" WINDOW SECTIONS

SECTION 13



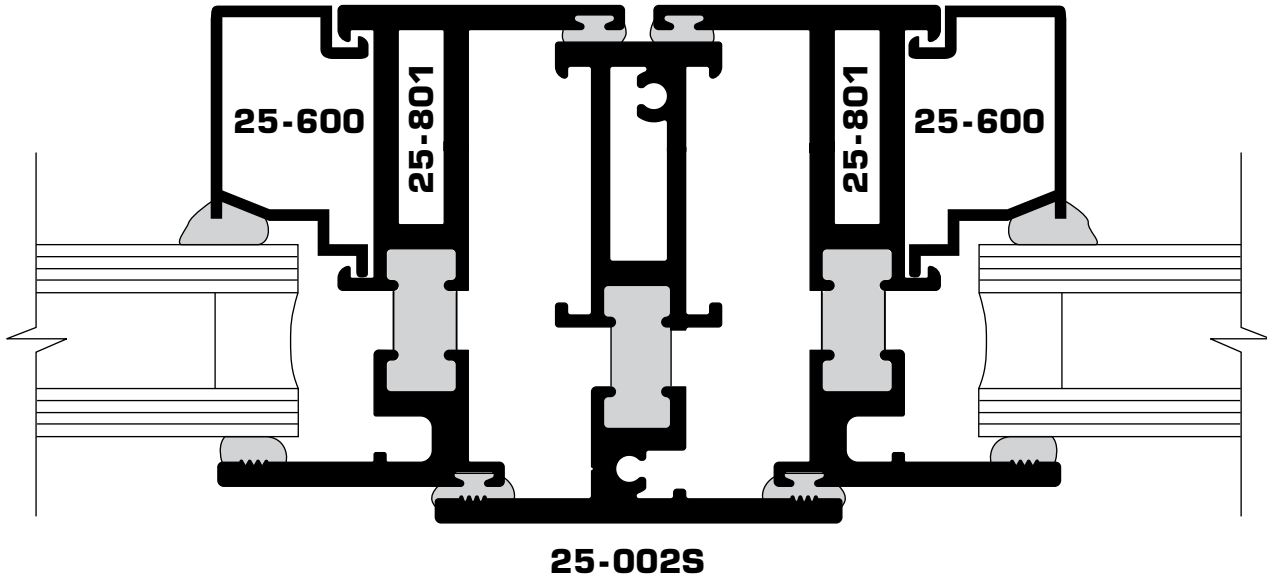
SECTION 14



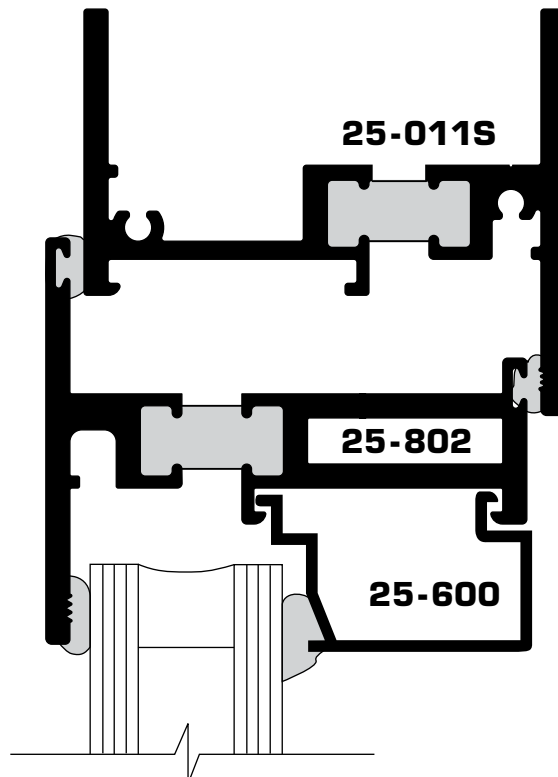
25000 SERIES

2-1/2" WINDOW SECTIONS

SECTION 15

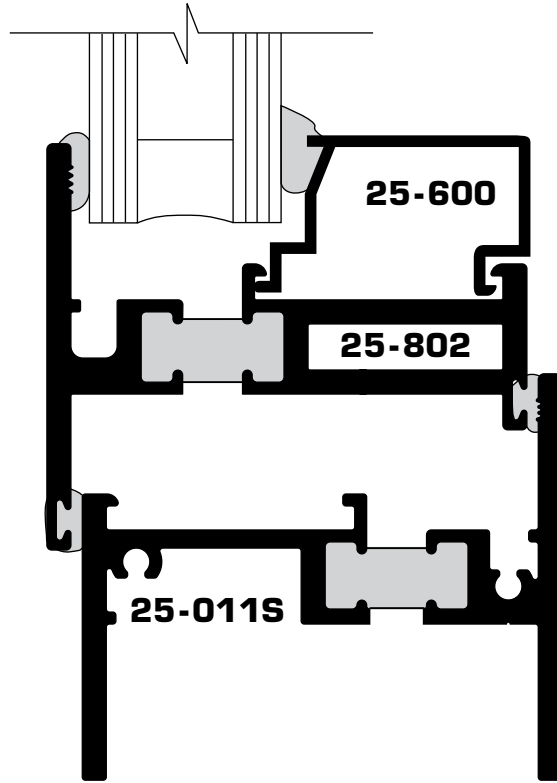


SECTION 16

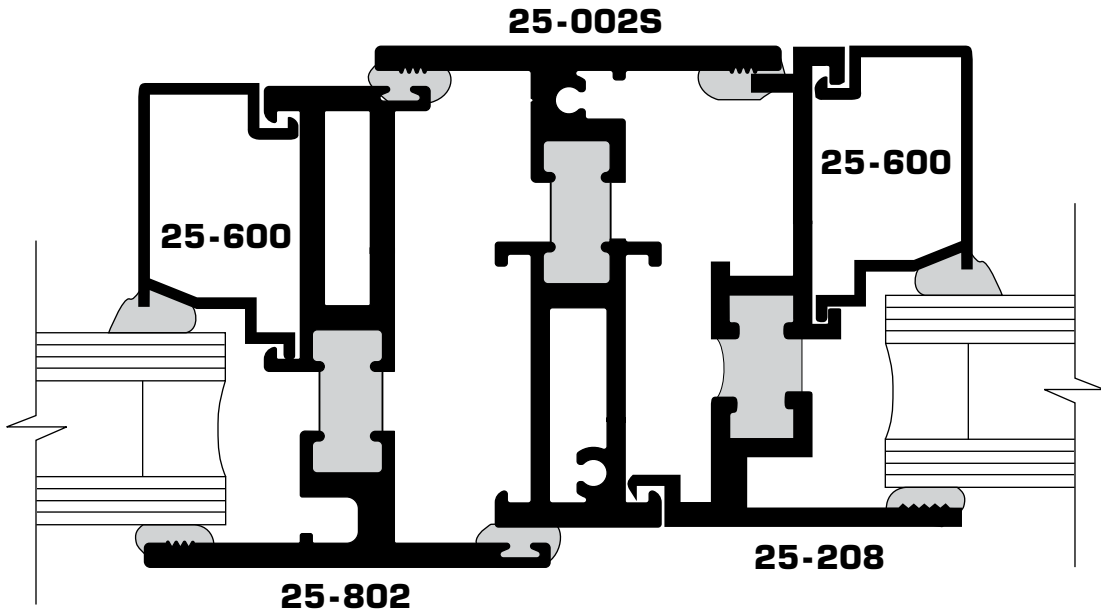


2-1/2" WINDOW SECTIONS

SECTION 17



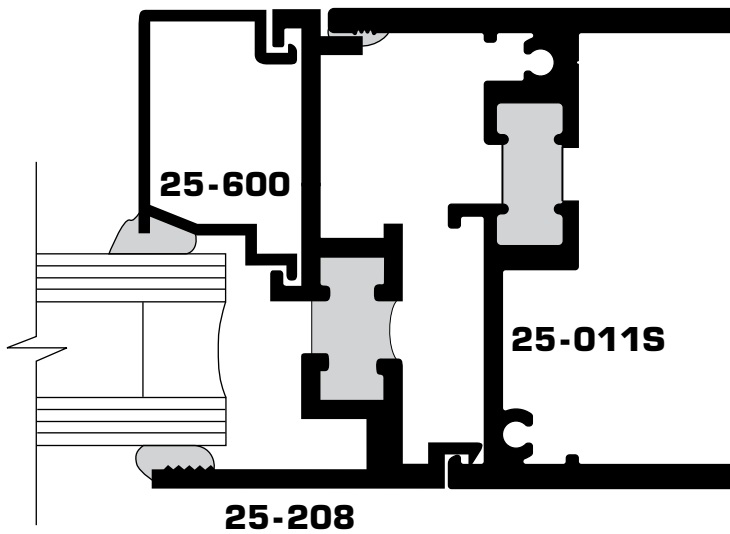
SECTION 18



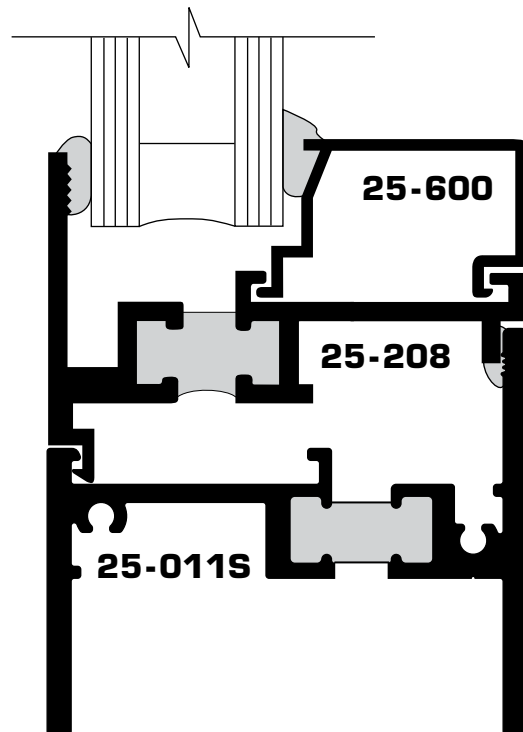
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2-1/2" WINDOW SECTIONS

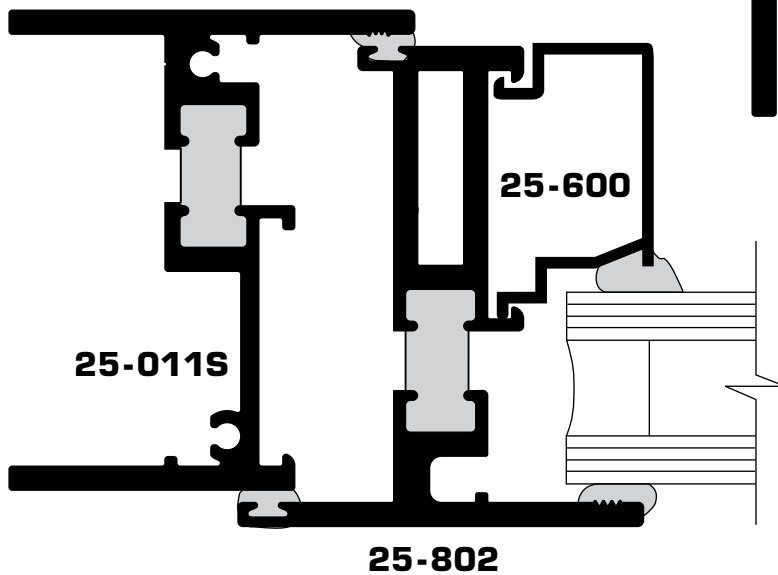
SECTION 19



SECTION 20

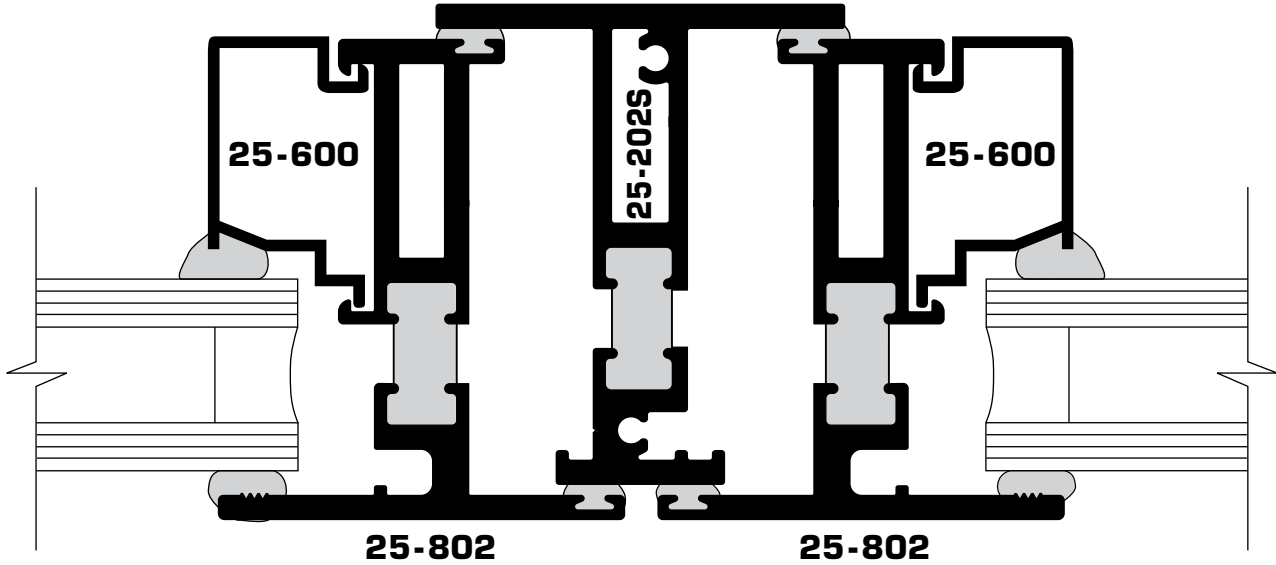


SECTION 21



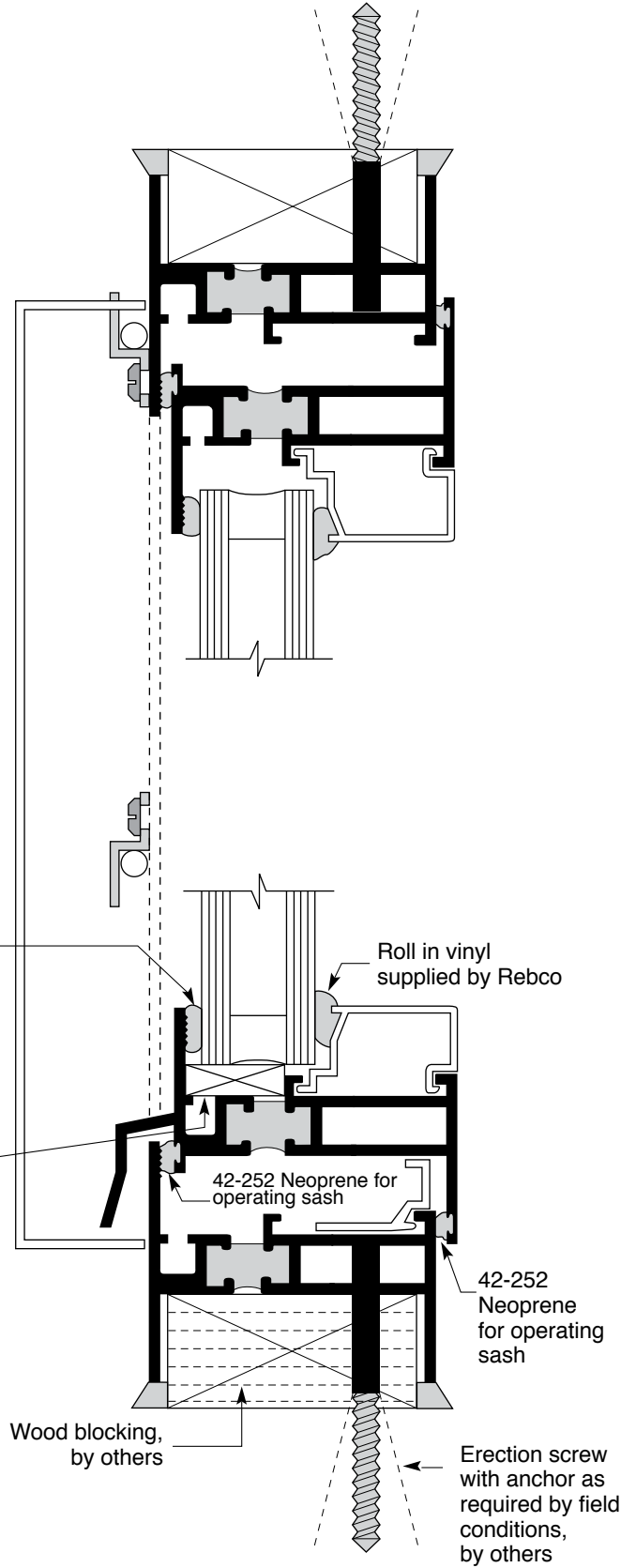
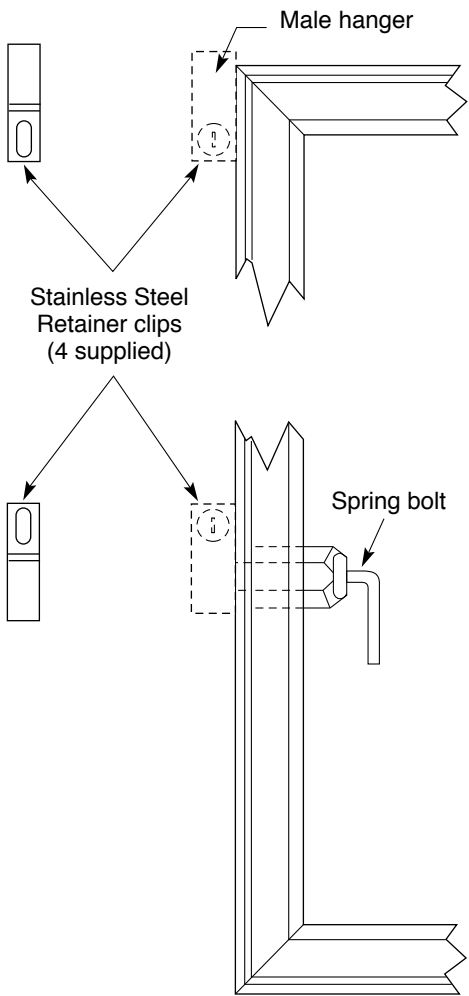
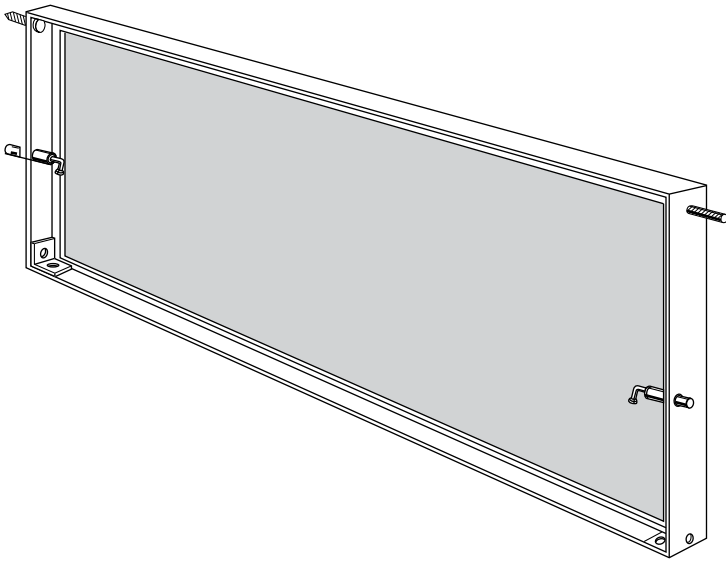
2-1/2" WINDOW SECTIONS

SECTION 22

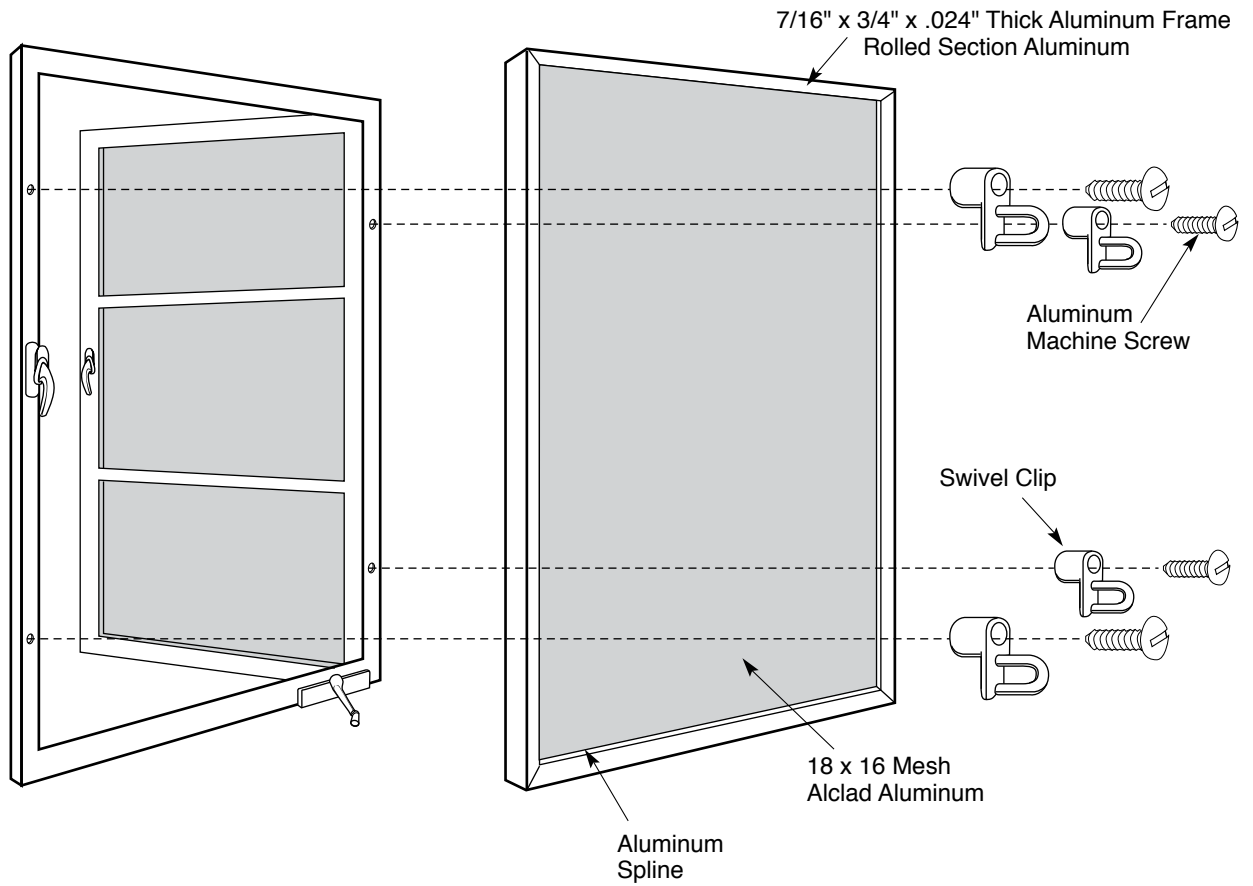


25000 SERIES

HOPPER SCREEN INSTALLATION



CASEMENT SCREEN INSTALLATION



VENT SCREEN INSTALLATION

