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Basic Unit Details

Casement Aluminum Clad Venting Windows — Rectangular Details
Scale 3" = 1'-0" (1:4)

Minimum Rough Opening
Minimum Rough Opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.

* See page 13-16 for Clear Opening information
Basic Unit Details

Casement Aluminum Clad Venting Windows — Trapezoid Details
Scale 3" = 1'-0" (1:4)

Optional extension jambs
Insect screen

Minimum Rough Opening
Minimum Rough Opening Width
Minimum Rough Opening Height
Jamb
Sill
Vertical Section

4-9/16" (116) Jamb Width
3 3/8" (86)
1 5/16" (33)
1/4" (6)

1/4" (6)

1 1/8" (29)
7/8" (22)

3 1/8" (79)
1 1/8" (29)

1 7/16" (37)
1 1/8" (29)

1 1/8" (29)
7/8" (22)

3 1/8" (79)

3 3/8" (86)

1 5/16" (33)

Optional extension jambs
Insect screen

* See page 13-17 for Clear Opening information

Minimum Rough Opening
Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

Casement Aluminum Clad Venting Windows — Archtop and Unequal Leg Archtop Details
Scale 3" = 1'-0" (1:4)

Minimum Rough Opening
Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.

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Basic Unit Details

Casement Aluminum Clad Venting Windows — Springline™ Window Details

Scale 3" = 1'-0" (1:4)

Minimum Rough Opening Dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sills or pans, flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.

Minimum Rough Opening

* See page 13-17 for Clear Opening information
Casement & Awning Windows

Basic Unit Details

Casement Aluminum Clad Venting Windows — Springline™ Flanker Window Details

Scale 3" = 1'-0" (1:4)

Minimum Rough Opening Height

Unit Dimension Height

Unobstructed Glass Height

Clear Opening Height*

1/4" (6)

3-1/8" (79)

1-5/16" (33)

1-7/16" (37)

1-1/8" (29)

4-9/16" (116) Jamb Width

3-3/8" (86)

Optional interior casing

Optional extension jambs

Insect screen

Optional extension jambs

Sill

Vertical Section

* See page 13-17 for Clear Opening information

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

Casement Aluminum Clad Fixed Windows — Rectangular Details

Scale 3" = 1'-0" (1:4)

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

Casement Aluminum Clad Fixed Windows — Trapezoid Details

Scale 3" = 1'-0" (1:4)

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Casement Aluminum Clad Fixed Windows — Arch Top Details

Scale 3" = 1'-0" (1:4)

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

Casement Aluminum Clad Fixed Windows — Springline™ Details

Scale 3” = 1’-0” (1:4)

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Casement & Awning Windows

Basic Unit Details

French Casement Aluminum Clad Venting Windows — Rectangular Details

Scale 3" = 1'-0" (1:4)

* See page 13-18 for Clear Opening information

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

French Casement Aluminum Clad Venting Windows — Archtop Details

Scale 3" = 1'-0" (1:4)

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

French Casement Aluminum Clad Venting Windows — Springline™ Window Details
Scale 3" = 1'-0" (1:4)

Minimum Rough Opening Width

Minimum Rough Opening Height*

Unit Dimension Height

Unobstructed Glass Height

1-5/16" (33)

3-3/8" (86)

4-9/16" (116) Jamb Width

3-1/8" (79)

1/4" (6)

Optional interior casing

Optional extension jambs

1-1/8" (29)

7/8" (22)

Insect screen

Optional extension jambs

Insect screen

Multi-point locking handle

Optional interior casing

Optional extension jambs

Minimum Rough Opening Dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.

* See page 13-18 for Clear Opening information
Basic Unit Details

French Casement Aluminum Clad Fixed Windows — Rectangular Details
Scale 3" = 1'-0" (1:4)

Minimum Rough Opening
Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

French Casement Aluminum Clad Fixed Windows — Archtop Details

Scale 3" = 1'-0" (1:4)

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

French Casement Aluminum Clad Fixed Windows — Springline™ Window Details
Scale 3" = 1'-0" (1:4)

Minimum Rough Opening
Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Basic Unit Details

Awning Aluminum Clad Venting Windows — Unit Details
Scale 3" = 1'-0" (1:4)

Minimum Rough Opening

Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.
Optional Aluminum Brickmould

Scale 3" = 1'-0" (1:4)

Vertical Section
(with Aluminum Brickmould)

Optional curved aluminum brickmould

Jamb Width

4-9/16" (116)
1-5/16" (33)
1-1/8" (29)

Unobstructed Glass Width

3-1/8" (79)

Minimum Rough Opening Width

1/4" (6)

Unit Dimension Width

4-9/16" (116)
1-5/16" (33)
1-1/8" (29)

Jamb

Minimum Rough Opening Height

1/4" (6)

Unit Dimension Height

1/4" (6)

Unobstructed Glass Height

Vertical Section
(with Curved Aluminum Brickmould)

Insect screen

3-3/8" (86)

3-1/8" (79)

Head

1-7/16" (37)
1-1/8" (29)

Horizontal Section
(with Aluminum Brickmould)

Insect screen

3-1/8" (79)

3-1/8" (79)

Optional extension jambs

Optional aluminum brickmould

Optional curved aluminum brickmould

4-9/16" (116) Jamb Width

1-5/16" (33)
1-1/8" (29)

Unit Dimension Width

1/4" (6)

Minimum Rough Opening Width

1/4" (6)
Clear Opening Details

Rectangular Units  Scale 1\(\frac{1}{2}\)" = 1'-0" (1:8)

Concealed Hinge 90° Opening
(units less than 2-7 1/2" wide)

Concealed Hinge 20° Limited Opening
(units equal to or greater than 2-7 1/2" wide)
Clear Opening Details

Shaped Units  Scale 1-1/2" = 1'-0" (1:8)

- Butt Hinge 20° Limited Opening
  (units equal to or greater than 2-7 1/2" wide)

- Butt Hinge 45° Opening
  (units less than 1'-8 1/2" wide)

- Butt Hinge 90° Opening
  (units 1'-8 1/2" to units less than 2-7 1/2" wide)

- Butt Hinge 70° Opening
  (Springline™ and Springline™ flanker units)
Clear Opening Details

French Casement Units  Scale 1-1/2" = 1'-0" (1:8)

Butt Hinge 90° Opening
(Rectangle and Archtop)

Butt Hinge 70° Opening
(Springline™)

Clear Opening With Both Sash Open
Suggested Product Applications

Wall Types Scale 1-1/2" = 1'-0" (1:8)

Vertical Section
Wood Siding / 2 x 4 Wood Stud Framing

Vertical Section
Brick Veneer / 2 x 6" Metal Stud Framing

Minimum Rough Opening
Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.

Importance of Proper Installation
Proper installation and maintenance of Andersen® products are essential if optimum performance is to be fully attained. Written installation instructions which provide guidelines for proper installation are available for Andersen products from your local Andersen supplier or by writing to: Andersen Windows, Inc., Box 12, Bayport, MN 55003 or by visiting our website at www.andersenwindows.com. Remember that every installation is different. Andersen strongly recommends consultation with an Andersen product representative and with an experienced contractor, architect, or structural engineer prior to the installation of any Andersen product.

Construction by Others
Andersen Corporation is not responsible for the design of, conditions in, or performance of, adjacent wall or roof construction beyond the perimeter of the Andersen units.

NOTE: Where E.I.F.S. wall finish is adjacent to units, contact E.I.F.S. manufacturer for installation instructions, including the use of appropriate flashing, the proper use of sealant and backer rod, and the proper width of sealant joint around the perimeter of the unit.

NOTE: Leave adequate clearance between sill and masonry for caulking and dimensional change of framework. Flange may be removed where construction sequence/ detailing requires no flange.
Suggested Product Applications

Wall Types Scale 1-1/2" = 1'-0" (1:8)

Vertical Section
Brick / Concrete Masonry Unit (CMU)

Vertical Section
Stucco / Concrete Masonry Unit (CMU) Inset Window

Minimum Rough Opening
Rough opening dimensions shown are the minimum dimensions recommended for proper installation. These dimensions may need to be increased to allow for use of building wraps, flashing, sill or pan flashing, brackets, fasteners or other items which could decrease these dimensions. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the designer or installer.

Importance of Proper Installation
Proper installation and maintenance of Andersen® products are essential if optimum performance is to be fully attained. Written installation instructions which provide guidelines for proper installation are available for Andersen products from your local Andersen supplier or by writing to: Andersen Windows, Inc., Box 12, Bayport, MN 55003 or by visiting our website at www.andersenwindows.com. Remember that every installation is different. Andersen strongly recommends consultation with an Andersen product representative and with an experienced contractor, architect, or structural engineer prior to the installation of any Andersen product.

Construction by Others
Andersen Corporation is not responsible for the design of, conditions in, or performance of, adjacent wall or roof construction beyond the perimeter of the Andersen units.

Note: Where E.I.F.S. wall finish is adjacent to units, contact E.I.F.S. manufacturer for installation instructions, including the use of appropriate flashing, the proper use of sealant and backer rod, and the proper width of sealant joint around the perimeter of the unit.

Note: Leave adequate clearance between sill and masonry for caulking and dimensional change of framework. Flange may be removed where construction sequence/ detailing requires no flange.