Thank you for choosing Andersen.

Instructions are for typical, new wood-framed wall construction with weather protection in place.

Instructions may not be right for all installations due to building design, construction materials or methods used and/or building or site conditions. Consult a contractor or architect for recommendations.

Installation Flanges on the unit alone will not properly flash and seal the window/door. Follow these instructions carefully.

For questions call 1-888-888-7020.

Due to ongoing product changes, updated test results and/or industry best practices, this installation procedure may change over time. For updated installation guides, removal instructions and/or additional installation information, visit andersenwindows.com/installation.

Contact local authorities or waste management companies for proper recycling and/or disposal of removed window or patio door.

Please leave this guide with building owner.

▶ Read guide from beginning to end before starting installation. Read all warnings and cautions during unit installation.
▶ Check with your local building code official to identify and confirm compliance with local building code requirements.

### Parts Included
(1) Door
* Installation instructions viewable and downloadable at andersenwindows.com/installation

### Tools Needed
- Safety Glasses
- Tape Measure
- Caulk Gun
- Level
- Putty Knife
- Hammer and Nail Set
- Stapler
- Utility Knife or Scissors
- Flat Blade Screwdriver
- Drill/Driver
- Phillips Screwdriver
- J-Roller

### Supplies Needed
- Shims (waterproof)
- Finishing Materials
- 2" Galvanized Roofing Nails
- Formable Self-adhering Flashing
- Straight Self-adhering Flashing
- Sealant
- Low Expanding Foam
- Interior Trim and/or Extension Jambs (as required)
- #10 x 2-1/2" Screws
- Backer Rod
- Screw Pack (included with door)
- 1-1/4" Brad Nails (for extension jambs as required)
- House Wrap Tape
**Important Safety and Product Information**

for Andersen® Windows and Doors

---------

This is the Safety Alert Symbol used to alert you to potential injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

**Signal Word and Consequence**

CAUTION

COULD

Result in:

Minor Injury

WARNING

COULD

Result in:

Major Injury/Death

NOTICE

COULD

Result in:

Product or Property Damage

IMPORTANT

Read this Important Safety and Product Information completely before starting.

**Safety and Product Information Index**

- Tools .................1
- Handling ...........1
- Installation ....1-2
- Sealing ............2
- Fastening ..........2
- Finishing ..........2-3
- Glass ...............3
- Protective Film ....3
- Cleaning ...........3
- Use ..................4
- Product Information ..4

• Read installation instructions from beginning to end before starting window or door installation. To configure installation instructions go to: andersenwindows.com/installation

**Tools**

**WARNING**

• Follow manufacturers’ instructions for hand and power tools. Always wear safety glasses. Failure to do so could result in injury, product or property damage.

**Handling**

**WARNING**

• Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry, and install window and door products. Heavier windows and doors will require mechanical assistance. Failure to do so could result in injury, product or property damage.

• **DO NOT** lift or carry window or door by the exterior trim or extension jambs. Doing so could result in injury, product or property damage.

• Windows, doors, and installation components can have sharp edges. Wear protective equipment when handling. Failure to do so could result in injury.

**Installation**

**WARNING**

• Use caution when working at elevated heights and around window and door openings. Follow the manufacturers’ instructions for ladders and scaffolding. Failure to do so could result in injury or death.

• Support window or door in opening at all times until fastened. Failure to do so could result in window or door falling out causing injury, property or product damage.

• Windows and doors have small parts (e.g. hole plugs, operator spline caps, fasteners, etc.). Small parts if swallowed could pose a choking hazard to young children. Dispose of unused, loose, or easily removed small parts. Failure to do so could result in injury.

Thank you for choosing Andersen. Please leave this document with building owner.

Andersen” and all other marks where denoted are trademarks of Andersen Corporation. ©2016 Andersen Corporation. All rights reserved.
**Installation (Continued)**

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Andersen head flashing and installation flanges <strong>DO NOT</strong> take the place of window and door flashing tape or liquid flashing. Window or door must be properly flashed and sealed with a material compatible sealant for protection against water and air infiltration. Failure to do so could result in product or property damage.</td>
</tr>
<tr>
<td><strong>DO NOT</strong> set window or door directly on installation flange. Doing so could affect product performance, and could result in product or property damage.</td>
</tr>
<tr>
<td><strong>DO NOT</strong> set window directly on sill plate. Elevate window with shims under the side jambs. Failure to do so could affect operation and product performance, and could result in product damage.</td>
</tr>
<tr>
<td>Window or door must be properly shimmed. Failure to do so could affect operation and product performance, and could result in product damage.</td>
</tr>
<tr>
<td>Joined windows or doors must be individually supported in the opening. Failure to do so could affect operation and product performance, and could result in product damage.</td>
</tr>
<tr>
<td>A continuous full perimeter interior seal between window or door frame and opening is required. Failure to do so will affect product performance, and could result in product or property damage.</td>
</tr>
</tbody>
</table>

**Sealing**

<table>
<thead>
<tr>
<th>CAUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Follow instructions of foam, sealant, and flashing manufacturer regarding safety, material application, compatibility, and periodic maintenance for continued weather resistance of their product. Failure to do so could result in injury, product or property damage.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Clean and prepare surfaces receiving sealant following sealant manufacturer’s instructions. Failure to do so could result in water infiltration causing product or property damage.</td>
</tr>
</tbody>
</table>

**Fastening**

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Metal fasteners and components could corrode when exposed to preservative-treated or fire-retardant treated lumber. Use approved fasteners and components to fasten window or door. Failure to do so could cause a failure resulting in injury, product or property damage.</td>
</tr>
<tr>
<td>Fastener must attach to a structural framing member with a 1-1/2&quot; minimum fastener embedment. Failure to do so could result in injury, product or property damage.</td>
</tr>
<tr>
<td><strong>DO NOT</strong> remove screws that attach installation clips or gusset plates to window or door frames. Doing so could result in injury, product or property damage.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Use masonry screws when fastening directly into masonry or through a buck into masonry. Failure to do so could affect product performance, and could result in product or property damage.</td>
</tr>
<tr>
<td><strong>DO NOT</strong> over drive screws or nails. Doing so could result in product damage.</td>
</tr>
<tr>
<td>Fasteners must be attached to a structural framing member. Failure to do so will reduce the structural performance to less than published values and could affect product performance, and could result in product or property damage.</td>
</tr>
</tbody>
</table>

**Finishing**

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• <strong>DO NOT</strong> stain or paint weatherstrip, vinyl, glass, or hardware. Doing so could result in product damage.</td>
</tr>
<tr>
<td>Read and follow finish manufacturer’s instructions and safety information. Failure to do so could result in product damage.</td>
</tr>
<tr>
<td><strong>DO NOT</strong> over load brush with stain or paint when finishing. Doing so could allow finish to wick between glass stop or grille, and glass.</td>
</tr>
</tbody>
</table>
Finishing (Continued)

Glass

**WARNING**
- Unless specifically ordered, Andersen windows are not equipped with safety glass, and if broken, could fragment causing injury. Many laws and building codes require safety glass in locations adjacent to or near doors. Andersen windows are available with safety glass that could reduce the likelihood of injury when broken. Information on safety glass is available from your local Andersen dealer.

- Tempered or laminated safety glass is not standard for windows and must be special ordered. Check local building codes for required locations. Failure to do so could result in injury, product or property damage.

**NOTICE**
- DO NOT apply any type of film to insulating glass. Doing so could cause thermal stress conditions and result in glass damage. Shading devices (e.g. insulated coverings, shutters, etc.) could also cause thermal stress and condensation causing deterioration of windows or doors.

- DO NOT use sealants on exterior glass surface. Sealants will damage exterior coating on glass.

**NOTICE**
- Finish wood surfaces immediately after installation. Unfinished wood will deteriorate, discolor, and could bow or split. Some surfaces are hidden from view.

Protective Film

**WARNING**
- DO NOT place suction grips over film seam. Suction grips will not hold if placed over film seam to lift or move window or door. Window or door will fall and could result in injury, product or property damage.

- DO NOT remove protective film near flammable materials. Static charge created when removing film can ignite flammable materials or cause a shock. Doing so could result in injury, product or property damage. See warning label on glass.

- Dispose of protective film immediately after removing. Failure to do so could pose a suffocation hazard to children.

**NOTICE**
- DO NOT remove protective film until after construction is completed. Doing so could allow glass to be damaged.

Cleaning

**NOTICE**
- Acid solutions used for cleaning masonry or concrete will damage glass, fasteners, hardware, and metal flashing. Protect window or door and follow cleaning product manufacturer's instructions. If acid contacts window or door, wash all surfaces immediately with clean water.

- DO NOT use metal razor blades to clean glass surface. Glass damage could result.

- DO NOT use or apply solvents, abrasives, harsh chemicals or cleaners to glass, sash, panels, frame, or window or door components. Doing so will result in product damage. For a list of recommended cleaners go to: andersenwindows.com
## Use

### WARNING
- **DO NOT** stand in front of or near windows or doors during a storm. Doing so could result in injury. Accessories such as grilles, art glass, and insect screens could dislodge and become airborne if window or door is impacted by wind borne debris from severe storms or hurricane strength winds. In the event of a storm, remove all accessories from windows or doors and move to a safe location.

- **DO NOT** install air conditioner in window. Doing so could result in injury, product or property damage.

### CAUTION
- **DO NOT** attach objects or accessories to window or door except Andersen® products specifically designed for the window or door. Doing so could result in injury, product or property damage.

## Product and General Information

### IMPORTANT
- Buildings constructed prior to 1978 could contain lead paint which could be disturbed during window or door replacement. For more information on proper management of lead paint, go to: [www.epa.gov/lead](http://www.epa.gov/lead)

- Instructions may not be right for all installations due to building design, construction materials, or methods used and/or building or site conditions. Consult a contractor or architect for recommendations.

- Installation flanges may need to be removed for some installations. (e.g. masonry, replacement), or where exterior finish is already applied (e.g. siding, brick veneer, stucco).

- Installation flange on the window or door alone will not properly flash and seal the window or door.

- **DO NOT** remove band, plastic ties, or packing clips from window or door until instructed.

### IMPORTANT (Continued)

- **DO NOT** remove performance (NFRC) label until after final inspection. Doing so could delay final inspection and sign-off by the code official.

- Check with your local building code official to identify and confirm compliance with local building code requirements.

- Contact local authorities or waste management company for proper recycling and disposal instructions for removed window or door.

- Clean glass using liquid glass cleaner.

- Clean exterior frame, sash, panels, and insect screens using mild detergent and water with a soft cloth or brush.

- For hard to clean areas, use a nonabrasive cleaner.

- Extension jambs can be factory applied on some windows or field applied prior to installation. **DO NOT** apply extension jambs prior to window or door installation that will be fastened with installation clips. Doing so could prevent access to installation clips for fastening.

- For extension jamb application refer to instructions included with part(s) or go to: [andersenwindows.com](http://andersenwindows.com)

- Protective film and exterior coating are not present on all windows or doors.

- Remove protective film by peeling from seam or corner. Use a plastic scraper to start if needed.

- Remove protective film within six (6) months of installation and when temperature is above 32° F.

- **Protective Film is not a substitute for masking.**
Note: 2-panel (SR) door demonstrated throughout these instructions.
1. Remove Door Packaging
2. Apply Extension Jambs to Interior of Frame, if Required

- Be sure opening is plumb and level. Measure diagonals for square. Measurements must be within 1/8". Make sure floor is flat, free of all debris and irregularities.

3. Prepare Opening

- Be sure opening is plumb and level. Measure diagonals for square. Measurements must be within 1/8". Make sure floor is flat, free of all debris and irregularities.
4. Cut Weather-Resistant Barrier

- Make a vertical cut, through the weather-resistant barrier, at the center of the opening. Cut vertically up towards the center of the head jamb area and down towards the center of the sill area.
- Make a horizontal cut at the head jamb area and sill area, cutting towards the side jambs.
- Make a 6" cut up from each top corner at a 45° angle.

Make a 6" cut up from each top corner at a 45° angle to allow the weather barrier to be lapped over the installation flange at the head of the door.

5. Secure Weather-Resistant Barrier

- Fold side flaps of the weather-resistant barrier into the opening and staple to interior wall. Fold top flap up and temporarily fasten with tape as shown.
6. Apply Formable Flashing and Sealant to Opening

- Apply two (2) 3/8" beads of sealant across full width of sill and extend 6" up each side of opening. Apply liberally in bottom corners.

**IMPORTANT**
Make sure that opening is free of voids, holes, chipping or other conditions.

**NOTICE**
Apply formable self-adhering flashing. Make sure there are no wrinkles or voids. Failure to do so may result in product / property damage.

**NOTICE**
Liquid flashing recommended on concrete slab.

- Apply self-adhering flashing at sill (liquid flashing recommended on concrete slab).

Exterior Views

Caulk Gun

3/8" Sealant Bead

Sill Flashing

Apply using firm pressure.

J-roller

Exterior Views

3/8" Sealant Beads

3/8" Sealant Bead

Caulk Gun
7. Apply Installation Flange Corner Flashing

- Apply installation flange corner flashing. Apply sealant to installation flange corner flashing, as shown.

8. Apply Sealant to Backside of Installation Flange

- Apply a continuous 3/8" bead of sealant to the interior (backside) of the door installation flange over the nail holes.

**IMPORTANT**

For these installation instructions, the examples show standard folding installation flange on each side jamb, as recommended for wood frame wall construction. A related installation flange may instead be applied to your door for special installation types, such as brick mould casing.

On the head jamb, the default installation flange with vinyl drip cap is displayed. Similar installation flange or drip cap may be necessary depending on the specifications.

9. Set Door Into Opening

**WARNING**

Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry and install window and door products to avoid injury and/or product damage.

- Insert door into the opening from the exterior. Set the sill into the sealant in opening and tilt into position. Center the unit between the sides of the opening to allow for shimming.
10. Temporarily Fasten

- Shim as required to position door frame plumb, level, and square. Adjust shims as needed until diagonal measurements are within 1/8”.
- Temporarily fasten door using 2” roofing nails at corners and every fifth hole in installation flange.
11. Check for Plumb, Level and Square

- Diagonal measurements must be within 1/8”.
- Adjust the shims as needed to plumb and square the door.

![Diagram showing the interior view of a door installation process](image1)

12. Nail into Place

- Fasten the door into place by driving 2” galvanized roofing nails in the remaining holes in the installation flange.

![Diagram showing the exterior view of a door installation process](image2)
13. Fasten Door with Screws

- Drive #10 x 2-1/2" screws through frame into framing material 6" from each corner, see (Fig. A). Do not drive screws into sill. Drive additional screws into head and side jambs 24" on center. At sides, shim at each screw location.

- The head guide track with interior head stop is temporarily fastened to the head jamb with #8 x 3/4" flat-head wood screws. Some of these screws will need to be replaced (four screws for a 2-panel patio door, eight screws for a 4-panel patio door). Remove the #8 x 3/4" screws on both sides of all meeting stiles and at each end. Replace with #8 x 2-1/8" flat-head wood screw. See (Fig. B).

**IMPORTANT**

- **2-panel patio doors:**
  Screws enclosed in Gliding Patio Door Receiver Installation Pack;

- **4-panel patio door:**
  Screws enclosed in Pack D of Assembly Kit.
14. Adjust Patio Door

- Operate the door several times to verify proper and smooth operation. Make sure that the door will latch correctly.
- Operate door and adjust rollers using flat-head screwdriver to obtain equal clearances at head and sill while maintaining proper panel operation.
- Turning the rollers clockwise, moves the panel up and turning counter-clockwise, moves the panel down.

15. Apply Sealant

- Apply a 3/8" bead of sealant at sides where the installation flange meets the door frame.
- Apply bead of sealant between integral installation flange/drip cap and frame at head, as shown.
16. Apply Side Flashing
- Wipe the door side installation flange and weather-resistant barrier with a clean rag to allow for proper adhesion.
- Cut straight self-adhering flashing to length using formula below.
- Align the straight self-adhering flashing flush against the door frame with the adhesive strip covering the entire door nailing flange, and apply. Smooth using a J-roller.

**IMPORTANT**

| How to determine correct length of side flashing: |
| Opening height + width of flashing, less 1/2". |
| Using 6" flashing, this should equal opening height + 5 1/2". |

17. Apply Head Flashing
- Cut a strip of straight self-adhering flashing long enough so that the head flashing extends 1" beyond the side flashing on each side. Refer to the formula below.
- Install head flashing by pressing firmly in place in one direction.

**IMPORTANT**

| How to determine correct length of head flashing: |
| Opening width + twice the side flashing width + 1" overlap for each side. Using 6" flashing, this should equal opening width + 14".
18. Integrate Flashing System into the Weather-Resistant Barrier

- Make sure that the flap of the weather-resistant barrier lies flat over the head flashing.
- Fold Flap down.
- Apply a new piece of house wrap tape over the entire diagonal cut made in the weather-resistant barrier and press into place.

19. Apply Low Expanding Foam

- From interior of building, insert foam applicator nozzle approximately 1” into space between the door and the opening, and apply a 1” deep bed of low expanding foam.
- Allow foam to cure completely before applying casing.

<table>
<thead>
<tr>
<th>CAUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not overfill with low expanding foam or over pack with backer rod to avoid bowed jambs.</td>
</tr>
</tbody>
</table>
20. Apply Backer Rod and Sealant

- Leave 1/4" gap at head and sides between exterior trim/siding/stucco/brick and window/door for sealing.
- Insert backer rod around entire perimeter and slide up against the installation flange.
- Apply sealant around entire perimeter of door.
- Shape sealant to provide a continuous seal.
- Clean off excess sealant.

**IMPORTANT**

When applying siding or other exterior finish material, leave adequate space between the door frame and exterior finish material. See your sealant supplier for recommendations and instructions for these and other applications.

21. Install the Handle Set

- Install handles following instructions provided with handle set.

▶ Installation is complete.