Site Preparation Information for:

- **Product Series** - Big Doors
- **Product Type** - MultiGlide™ Door
- **Frame Configuration** - Pocketing

For: MultiGlide™ Door Installation Instructions/Videos

Go To - andersenwindows.com/installation

or

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Installation Site Specifications

**Document Use**
This document is a guide to support the door's Opening Preparation and Installation Instructions. Information in this document assists in the construction of the rough opening. It does not constitute actual wall fabrication, construction, or material recommendations. This document identifies considerations that must be taken into account in the construction of the rough opening. Andersen has no obligation to perform any on-site inspection, before, during, or after construction and installation.

**Code Compliance**
Compliance with all applicable laws, ordinances, building codes, and safety requirements with regard to Andersen specifications or use of the door is the responsibility of the architect, building owner, installer and/or contractor.

**Product Protection**
Store the door and any accessories off the ground, fully supported, under cover, protected from weather and construction activities. Protect uncartoned components. Continue to protect door from construction activities and floor traffic after installation.

**Construction by Others**
Andersen is not responsible for conditions in or performance of the building construction adjacent to and beyond the perimeter of the door. The method of attachment for the door to the building structure and the fastener selection is the responsibility of the architect, building owner, installer and/or contractor. In door replacement situations, Andersen is not responsible to inspect the site or door rough opening to approve the structural integrity of the existing rough opening, header load carrying capabilities, or overall rough opening fitness for door installation.

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Installation Site Specifications

Floor
- Floor must be structurally sound, flat, and level the entire frame width and depth and have a load carrying capacity of 100 pounds per lineal foot and a maximum deflection of 1/16" over the span of the opening after loading.

Fastening

Head Jamb and Side Jamb(s)
- Fasteners (#12 x 3-1/4" pan head screw - supplied, 11/64" drill bit for pilot hole - supplied) must attach to a wood structural framing member with a 1-1/2" minimum fastener embedment, or 3 full threads of engagement - (#12 self-drilling pan head screw - by others) in structural steel studs. Jacking screws are located 1-1/2" from the edge of the jambs.

Sill Fasteners
- Fasteners (#8 x 1-1/2" pan head screw - supplied) must attach to a wood structural framing member with a 1-1/2" minimum fastener embedment, or 3/16" x 1-3/4" in masonry with a 1-1/4" minimum fastener embedment. Masonry fasteners must be set back a minimum of 1-1/2" from the concrete slab’s edge.

Sill Support
- Sill must be supported full depth. See structural support options below, where the existing slab/floor does not extend far enough to support the full depth of the sill.
- Sill Support material is supplied by others.

MultiGlide™ Door On-Floor Sill Support Options

Full Slab/Floor (Typical)

- Aluminum Angle Support
- Wood/Composite Support
- Slab/Floor

Floating Joint
- Slab/Floor

NO Support
- Slab/Floor
Installation Site Specifications (continued)

**MultiGlide™ Door Dimensions**
Door dimensions are to the outer most exterior of the door frame components for MultiGlide doors with either an On-Floor or Flush Sill. The MultiGlide door and rough opening dimensions are generated in the quoting tool.

**Rough Opening Dimensions**
Rough opening dimension references shown are the dimensions recommended for proper installation as instructed. These dimensions may need to be increased to allow for use of building wraps, flashings, sill panning, brackets, fasteners or other items within the rough opening. The rough opening is to be constructed in such a way as to provide structural framing members at all anchoring locations for fastening the head and side jambs. The header must be constructed in such a manner as to allow a maximum deflection of 1/8" over the span of the opening when the header is fully loaded. Due to the large jamb depths, make sure the sides of the rough opening are square to the exterior wall.

**Rough Opening Dimensions are:**
- MultiGlide Door (On-Floor Sill) - 1" wider and 1/2" higher than the door dimensions
- MultiGlide Door (Flush Sill) - 1" wider and 3/4" higher (1/2" at the top and 1/4" at the dap-out) than the door dimensions

**Header Height**
- MultiGlide Door (On-Floor Sill) - Rough opening header height is measured from the top of the slab or floor sheathing.
- MultiGlide Door (Flush Sill) - Rough opening header height is measured from the bottom of the dap-out, which is 1-1/2" below the top of the finished floor. If you deviate from the 1-1/2" dap-out dimension you must calculate for the difference.

**MultiGlide™ Door with Optional Automation**
For MultiGlide doors with either an On-Floor or Flush Sill, the pocket width must be increased by 12" (minimum) to allow for motor installation. For doors with two-direction panel operation, the pocket width must be increased by 6" (minimum) for the side opposite where the motor is located to accommodate the return pulley. The motor can be installed in either pocket for doors with two-direction panel operation. Installation of the motor requires additional pocket depth. See Horizontal Details.

**Door Component Weights**
Door panels and frame components for MultiGlide doors are heavy. The charts below provide an estimated weight for panels or frame components for handling requirement planning. Weights are approximate and will vary by door configuration.

<table>
<thead>
<tr>
<th>PANEL WEIGHT - Dual Pane Tempered</th>
<th>PANEL WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PANEL HEIGHT</td>
<td>30&quot;</td>
</tr>
<tr>
<td>80&quot;</td>
<td>70 lbs</td>
</tr>
<tr>
<td>90&quot;</td>
<td>90 lbs</td>
</tr>
<tr>
<td>100&quot;</td>
<td>110 lbs</td>
</tr>
<tr>
<td>110&quot;</td>
<td>120 lbs</td>
</tr>
<tr>
<td>120&quot;</td>
<td>130 lbs</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PANEL WEIGHT - Triple Pane Tempered</th>
<th>PANEL WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PANEL HEIGHT</td>
<td>30&quot;</td>
</tr>
<tr>
<td>80&quot;</td>
<td>90 lbs</td>
</tr>
<tr>
<td>90&quot;</td>
<td>110 lbs</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>FRAME COMPONENT WEIGHT</th>
<th>Actual weight will vary by material and jamb depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRAME COMPONENT</td>
<td>Weight per Track</td>
</tr>
<tr>
<td>On-Floor Sill</td>
<td>1.2 lbs/ft</td>
</tr>
<tr>
<td>Head Jamb</td>
<td>2 lbs/ft</td>
</tr>
<tr>
<td>Side Jamb</td>
<td>1.6 lbs/ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FRAME COMPONENT WEIGHT</th>
<th>Actual weight will vary by panel count and configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRAME COMPONENT</td>
<td>Weight per Sill</td>
</tr>
<tr>
<td>Flush Sill</td>
<td>One-Direction</td>
</tr>
<tr>
<td>2 - Tracks</td>
<td>5-50 lbs</td>
</tr>
<tr>
<td>3 - Tracks</td>
<td>5-50 lbs</td>
</tr>
<tr>
<td>4 - Tracks</td>
<td>5-50 lbs</td>
</tr>
<tr>
<td>5 - Tracks</td>
<td>5-50 lbs</td>
</tr>
<tr>
<td>6 - Tracks</td>
<td>5-50 lbs</td>
</tr>
<tr>
<td>7 - Tracks</td>
<td>50-100 lbs</td>
</tr>
<tr>
<td>9 - Tracks</td>
<td>50-100 lbs</td>
</tr>
<tr>
<td>11 - Tracks</td>
<td>50-100 lbs</td>
</tr>
</tbody>
</table>
Installation Site Specifications (continued)

Additional Installation Information

A- For ease of installing the MultiGlide door in a pocketing configuration, it is recommended that the interior pocket wall be constructed after the door has been installed. Interior wall sill plate(s) must be accurately located and fastened to allow for flashing the sill pocket area before the door is installed.

B- The MultiGlide door can be installed in pocketing configurations with the interior pocket wall(s) constructed but the interior wall must be left unsheathed.

C- Insulate the exterior pocket wall before sheathing on both sides.

D- Paint the pocket side of the exterior wall sheathing with flat black paint before installing the MultiGlide door panels.

E- For dimensional stability, engineered lumber is recommended for the exterior wall studs where the pocket interlock will be attached.

*IMPORTANT - THESE STUDS MUST BE PLUMB AND LEVEL

- Exterior pocket walls and area above pocket must be sealed and insulated.
- Interior pocket trim piece(s) need to be removable for servicing of the MultiGlide pocket door.
- Protect the MultiGlide panels and the roller contact area of the sill track from material splashing when pouring the self-leveling concrete in the dap-out area for flush sill configurations.
- In cold climates, conditioning of the pocket is recommended per local code requirements.
MultiGlide™ Door Vertical Detail

Dimensioning reference points are the same for all door panel types.

ON-FLOOR DRAINAGE SILL
Jamb-Pocket or Pocket-Pocket Configurations
**Important**

- The bottom of the dap-out must be 1-1/2" below the top of the finished floor. Failure to do so could result in the MultiGlide door rough opening being undersized or mislocated.

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**MultiGlide™ Door Vertical Detail**

**Floor Material Thickness**

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Dap-out</th>
</tr>
</thead>
<tbody>
<tr>
<td>0&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td>5/16&quot;</td>
<td>1-3/16&quot;</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>1-1/8&quot;</td>
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<td>1&quot;</td>
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<tr>
<td>5/8&quot;</td>
<td>7/8&quot;</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1/2&quot;</td>
</tr>
</tbody>
</table>

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**Sub-Floor**

**Flush Sill**

Jamb-Pocket, or Pocket-Pocket Configurations
MultiGlide™ Door Horizontal Detail
One-Direction Panel Operation without Optional Automation

**ON-FLOOR DRAINAGE SILL or FLUSH SILL**
Jamb-Pocket Configuration (Closed)

**ON-FLOOR DRAINAGE SILL or FLUSH SILL**
Jamb-Pocket Configuration (Open)

**IMPORTANT**
- These studs must be plumb and level.

**IMPORTANT**
- These studs must be plumb and level.

*Finished pocket depth includes sheathing thickness.
MultiGlide™ Door Horizontal Detail
One-Direction Panel Operation
without Optional Automation

ON-FLOOR DRAINAGE SILL or FLUSH SILL
Jamb-Pocket Configuration (Closed)

**IMPORTANT**
- These studs must be plumb and level

*Finished pocket depth includes sheathing thickness.
MultiGlide™ Door Horizontal Detail
One-Direction Panel Operation
without Optional Automation

ON-FLOOR DRAINAGE SILL or FLUSH SILL
Jamb-Pocket Configuration (Open)

IMPORTANT
- These studs must be plumb and level

*Finished pocket depth includes sheathing thickness.
MultiGlide™ Door Horizontal Detail
Two-Direction Panel Operation
without Optional Automation

- Rough Opening Width
  - Not Including Pocket
  - Including Pocket

- Unit Width

- Pocket Width

- Rough Opening Width
  - Not Including Pocket
  - Including Pocket

- Finished Opening Width

- Pocket Width

- Interior Wall
  - Constructed after door installation

- Interior Pocket Trim
  - Removable for pocket access

- Interior Pocket Trim
  - Removable for pocket access

- Interior Wall
  - Constructed after door installation

- Pocket Board

- Exterior Wall

**IMPORTANT**
- These studs must be plumb and level

**ON-FLOOR DRAINAGE SILL or FLUSH SILL**
Pocket-Pocket Configuration (Closed)

**IMPORTANT**
- These studs must be plumb and level

*Finished pocket depth includes sheathing thickness.*
MultiGlide™ Door Horizontal Detail
Two-Direction Panel Operation
without Optional Automation

**IMPORTANT**
- These studs must be plumb and level

**ON-FLOOR DRAINAGE SILL** or **FLUSH SILL**
Pocket-Pocket Configuration (Open)

**IMPORTANT**
- These studs must be plumb and level

*Finished pocket depth includes sheathing thickness.*
MultiGlide™ Door Horizontal Detail
One-Direction Panel Operation with Optional Automation

**Important**
- These studs must be plumb and level.

**On-Floor Drainage Sill or Flush Sill**
Jamb-Pocket Configuration (Closed)

*Finished pocket depth includes sheathing thickness.*
MultiGlide™ Door Horizontal Detail
One-Direction Panel Operation
with Optional Automation

**IMPORTANT**
These studs must be plumb and level.

**IMPORTANT**
- 3-1/2" minimum requirement for mounting motor and wiring access

**IMPORTANT**
- 1/2" Maximum

**IMPORTANT**
- 1-1/2" Base Jamb Depth
- 1/2" Jacking Screw

**IMPORTANT**
- Add 12" to Pocket Width for Motor

**IMPORTANT**
- Clear Opening Width

**IMPORTANT**
- Finished Pocket Depth
- Interior Pocket Trim Removable for pocket access

ON-FLOOR DRAINAGE SILL or FLUSH SILL
Jamb-Pocket Configuration (Open)

*Finished pocket depth includes sheathing thickness.*
MultiGlide™ Door Horizontal Detail
One-Direction Panel Operation
with Optional Automation

- Finished pocket depth includes sheathing thickness.

**ON-FLOOR DRAINAGE SILL or FLUSH SILL**
Jamb-Pocket Configuration (Closed)

- These studs must be plumb and level

*Finished pocket depth includes sheathing thickness.*
MultiGlide™ Door Horizontal Detail
One-Direction Panel Operation
with Optional Automation

- **Finished pocket depth includes sheathing thickness.**
- **IMPORTANT**
  - These studs must be plumb and level

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**ON-FLOOR DRAINAGE SILL or FLUSH SILL**
Jamb-Pocket Configuration (Open)

**IMPORTANT**
- 3-1/2" minimum requirement for mounting motor and wiring access

*Finished pocket depth includes sheathing thickness.*
MultiGlide™ Door Horizontal Detail
Two-Direction Panel Operation with Optional Automation

**IMPORTANT**
- 3-1/2” minimum requirement for mounting motor and wiring access

**IMPORTANT**
- These studs must be plumb and level

**ON-FLOOR DRAINAGE SILL or FLUSH SILL**
Pocket-Pocket Configuration (Closed)

**IMPORTANT**
- These studs must be plumb and level

*Finished pocket depth includes sheathing thickness.
MultiGlide™ Door Horizontal Detail
Two-Direction Panel Operation with Optional Automation

ON-FLOOR DRAINAGE SILL or FLUSH SILL
Pocket-Pocket Configuration (Open)

IMPORTANT
• These studs must be plumb and level

IMPORTANT
• 3-1/2" minimum requirement for mounting motor and wiring access

IMPORTANT
• These studs must be plumb and level

*Finished pocket depth includes sheathing thickness.
MultiGlide™ Door On-Floor Sill Vertical Details
With Standard Interior and Exterior Sill Nose Cover, Optional Interior and Exterior Sill Ramp, and Optional Raised Threshold

1-1/2" Minimum to edge of Concrete

1-1/2" Minimum to edge of Concrete

1-1/2" Minimum to edge of Concrete

1-1/2" Minimum to edge of Concrete

1-1/2" Minimum to edge of Concrete

1-1/2" Minimum to edge of Concrete

1-1/2" Minimum to edge of Concrete

1-1/2" Minimum to edge of Concrete
Typical MultiGlide™ Door Rough Framing without Optional Automation

ON-FLOOR DRAINAGE SILL
Wood or Concrete

Shown as viewed from the exterior without sheathing for clarity and with the interior wall sill plate in place

- **Jamb-Pocket**
  - One-Direction Panel Operation

- **Pocket-Pocket**
  - Two-Direction Panel Operation

FLUSH SILL
Concrete*

*Flush sill option is not recommended for wood floor construction
Typical MultiGlide™ Door Rough Framing with Optional Automation

**ON-FLOOR DRAINAGE SILL**
Wood or Concrete

**FLUSH SILL**
Concrete*

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*Flush sill not recommended for wood floor construction*