Site Preparation Information for:

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

For: MultiGlide™ Door Installation Instructions/Videos

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or

Scan -

**Installation Site Specifications**

**Document Use**

This document is a set-up 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.

Thank you for choosing Andersen.
Installation Site Specifications (continued)

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
- Slab/Floor
- Wood Support
- Slab/Floor

- Floating Slab
- Expansion 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, a 12" (minimum) open stud bay must be directly adjacent to the rough opening end where the stationary panel is located for motor installation. For doors with two-direction panel operation, a 6" (minimum) open stud bay is required for the side opposite where the motor is located to accommodate the return pulley. The motor can be installed on either side for doors with two-direction panel operation. Installation of the motor requires additional wall 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>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  Two-Direction</td>
</tr>
<tr>
<td>2 - Tracks</td>
<td>5-50 lbs  5-50 lbs</td>
</tr>
<tr>
<td>3 - Tracks</td>
<td>5-50 lbs  5-50 lbs</td>
</tr>
<tr>
<td>4 - Tracks</td>
<td>5-50 lbs  5-50 lbs</td>
</tr>
<tr>
<td>5 - Tracks</td>
<td>5-50 lbs  50-100 lbs</td>
</tr>
<tr>
<td>6 - Tracks</td>
<td>5-50 lbs  50-100 lbs</td>
</tr>
<tr>
<td>7 - Tracks</td>
<td>50-100 lbs  50-100 lbs</td>
</tr>
<tr>
<td>9 - Tracks</td>
<td>50-100 lbs  100-150 lbs</td>
</tr>
<tr>
<td>11 - Tracks</td>
<td>50-100 lbs  150-200 lbs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PANEL WEIGHT - Dual Pane Tempered</th>
<th>Actual weight will vary by glass configuration and panel type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PANEL WIDTH</td>
<td>PANEL WEIGHT</td>
</tr>
<tr>
<td>30&quot;</td>
<td>80&quot;  70 lbs  100 lbs  130 lbs  180 lbs</td>
</tr>
<tr>
<td>40&quot;</td>
<td>90&quot;  90 lbs  120 lbs  150 lbs  200 lbs</td>
</tr>
<tr>
<td>50&quot;</td>
<td>100&quot; 110 lbs  140 lbs  180 lbs  220 lbs</td>
</tr>
<tr>
<td>60&quot;</td>
<td>110&quot; 120 lbs  160 lbs  200 lbs  240 lbs</td>
</tr>
<tr>
<td></td>
<td>120&quot; 130 lbs  180 lbs  220 lbs  260 lbs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PANEL WEIGHT - Triple Pane Tempered</th>
<th>Actual weight will vary by glass configuration and panel type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PANEL WIDTH</td>
<td>PANEL WIDTH</td>
</tr>
<tr>
<td>30&quot;</td>
<td>80&quot;  90 lbs  140 lbs  170 lbs</td>
</tr>
<tr>
<td>40&quot;</td>
<td>90&quot;  110 lbs  150 lbs  190 lbs</td>
</tr>
<tr>
<td>50&quot;</td>
<td>80&quot;  90 lbs  140 lbs  170 lbs</td>
</tr>
</tbody>
</table>
MultiGlide™ Door Vertical Detail

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

ON-FLOOR DRAINAGE SILL
Jamb-Jamb Configurations
MultiGlide™ Door Vertical Detail

**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.

### Floor Material Thickness vs. Dap-out Thickness

<table>
<thead>
<tr>
<th>Floor Material Thickness</th>
<th>Dap-out Thickness</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>
</tr>
<tr>
<td>1/2&quot;</td>
<td>1&quot;</td>
</tr>
<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>

**Flush Sill**

**Jamb-Jamb Configurations**
MultiGlide™ Door Horizontal Details
One-Direction Panel Operation
without Optional Automation

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

ON-FLOOR DRAINAGE SILL or FLUSH SILL
Jamb-Jamb Configuration (Open)
MultiGlide™ Door Horizontal Details
Two-Direction Panel Operation
without Optional Automation

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

ON-FLOOR DRAINAGE SILL or FLUSH SILL
Jamb-Jamb Configuration (Open)
MultiGlide™ Door Horizontal Details
One-Direction Panel Operation
with Optional Automation

**IMPORTANT**
- 3-1/2" minimum clearance required to interior sheathing for mounting motor and wiring access

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

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Closed</th>
<th>Open</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rough Opening Width</td>
<td>3-1/2&quot;</td>
<td>3-1/2&quot;</td>
</tr>
<tr>
<td>Unit Width</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>12&quot; Stud Bay</td>
<td>Minimum</td>
<td>Minimum</td>
</tr>
</tbody>
</table>

**IMPORTANT**
- 3-1/2" minimum clearance required to interior sheathing for mounting motor and wiring access

**ON-FLOOR DRAINAGE SILL or FLUSH SILL**
Jamb-Jamb Configuration (Open)
**MultiGlide™ Door Horizontal Details**
Two-Direction Panel Operation
with Optional Automation

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

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

**IMPORTANT**
- 3-1/2" minimum clearance required to interior sheathing for mounting motor and wiring access

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**Rough Opening Width**
- 12" Stud Bay
  - Minimum
  - Maximum

**Unit Width**
- 3-1/2" Minimum
- 1/2" Maximum

**Clear Opening Width**
- 1-1/2"

**Jamb Depth**
- 1-1/2"

**Jacking Screw**

**Return Pulley**

**Belt**

**Motor**

---

**IMPORTANT**
- 3-1/2" minimum clearance required to interior sheathing for mounting motor and wiring access

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**NOTE**
- 3-1/2" minimum clearance required to interior sheathing for mounting motor and wiring access
**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

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1-1/2" Minimum to edge of Concrete

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**Exterior Sill Nose Cover (STANDARD)**

3/4" Installation Reference Line (Finished Wall - Typical)

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**Interior Sill Nose Cover (STANDARD)**

3/4" Installation Reference Line (Finished Wall - Typical)

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**Exterior Sill Ramp (OPTIONAL)**

2" Installation Reference Line (Finished Wall - Typical)

---

**Interior Sill Ramp (OPTIONAL)**

2" Installation Reference Line (Finished Wall - Typical)

---

**Exterior Sill Ramp (OPTIONAL)**

2" Installation Reference Line (Finished Wall - Typical)

---

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

*Flush sill option is not recommended for wood floor construction*

**FLUSH SILL**
Concrete*

*Shown as viewed from the exterior without sheathing for clarity*
Typical MultiGlide™ Door Rough Framing with Optional Automation

ON-FLOOR DRAINAGE SILL
Wood or Concrete

Shown as viewed from the exterior without sheathing for clarity

Jamb-Jamb
One-Direction Panel Operation

Rough Opening Width
Unit Width

12" Minimum Open Stud Bay

Motor

Return Pulley (in Head Jamb)

Jamb-Jamb
Two-Direction Panel Operation
(Motor can be installed at either end)

Rough Opening Width
Unit Width

12" Minimum Open Stud Bay

Motor (Can be installed at either end)

6" Minimum Open Stud Bay

Return Pulley

Rough Opening Height
Unit Height

Opening Height
Unit Height
Typical MultiGlide™ Door Rough Framing with Optional Automation

FLUSH SILL
Concrete*

Shown as viewed from the exterior without sheathing for clarity

Rough Opening Width
Unit Width
12" Minimum Open Stud Bay

Motor
Return Pulley (in Head Jamb)

Jamb-Jamb
One-Direction Panel Operation

Extended Dap-Out
Channel Dap-Out

Rough Opening Height
Unit Height

6" Minimum Open Stud Bay

Return Pulley

Jamb-Jamb
Two-Direction Panel Operation
(Motor can be installed at either end)

Extended Dap-Out
Channel Dap-Out

*Flush sill option is not recommended for wood floor construction