FLEX SERIES GLASS MEASURING GUIDE

Phone Number: (269) 488-2752

V: 01/2024

Nxtwall
Flex Series Glass Measuring Guide

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01/2024

Flex Series Glass Measuring Guide

- This measuring guide applies to all Flex Series glass measuring situations.

General Notes for Measuring Glass

- All glass MUST be measured per the glass measuring guide. Make sure to measure for the correct situation for each piece of glass.
- When submitting dimensions make sure to submit final measurements. The final measurements include the additions and/or the subtractions to the measurements taken.
- Record all dimensions on the provided Glass Order Form.
    - When labeling the glass it is required to use the Partition number as part of the label. Example: P1-1, P1-2, P2-1, etc.
    - When recording the dimensions make sure the dimensions are legible. An electronic copy of the Glass Order Form is available on our website in the “Nxtwall Installation Resources” location.
- If there are any questions when measuring for glass contact Nxtwall.

Glass Delivery

- On the Glass Order Form include the delivery location, contact name, and phone number.
- When ordering glass the delivery method will need to be selected. There are two delivery options:
    - **Loose:** Quickest lead time. Glass will be delivered via route truck. Delivery times are non-guaranteed, a time frame will be provided (i.e. delivery between 8am-10am).
    - **Crated:** Longer lead times. Glass to be delivered via LTL or Private Truck. Must have ability to unload crate (i.e. forklift/loading dock).
- Approximate glass lead times are 7-10 business days from the date of the glass order.

Receiving Glass and Inspection

- When the glass is received the receiver is responsible for confirming the quantity received is correct and the dimensions are correct.
- The receiver will be responsible for reporting any damaged or defective glass. Glass defects are subject to the ASTM Glass Standards.
- Any glass issues must be reported within three business days of the glass delivery. Any reports outside of the three business days may be subject to additional fees.

Phone: (269) 488-2752

01/2024

Measurement Reference Page

Measurement Needed:	Go To:
Stud to Stud Glass Width	Page 4
Stud to Stud Glass Height	Page 5
Track to Stud Glass Height	Page 6
Clerestory: Stud to Track Glass Height	Page 7
Full Height Glass: Track to Track Glass Height	Page 8
Full Height Sliding Door Fixed Pane Glass Height	Page 9
Single Swing Door	Pages 10-11
Double Swing Door	Pages 12-13
Single Sliding Door	Pages 14-15
Double Sliding Door	Pages 16-17

Make sure the measuring situation on site matches the measuring situation shown in the guide.

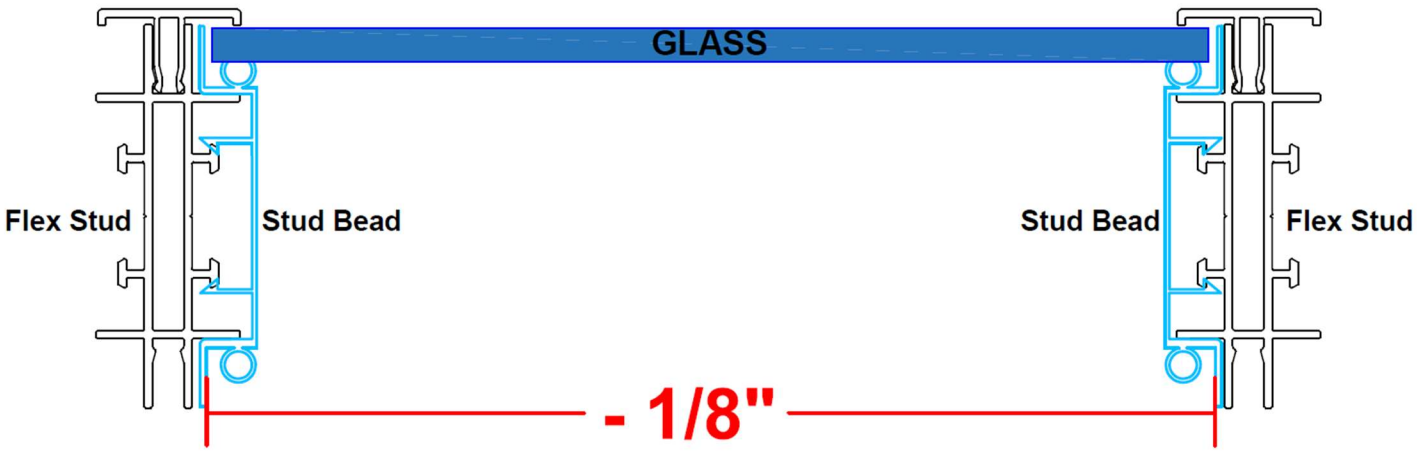
When submitting dimensions make sure the additions and/or subtractions are included in the measurements. Dimensions submitted MUST BE final ordering sizes.

Phone: (269) 488-2752

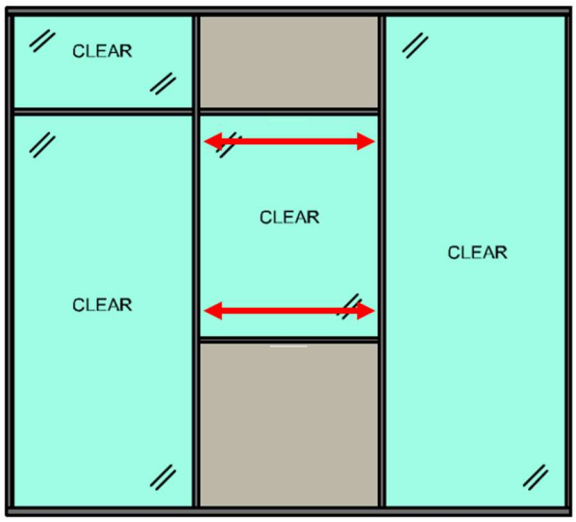
01/2024

Flex Series Glass Measuring: Glass Width Measurement

- **Vertical Flex Stud to Vertical Flex Stud**



Glass Width Measurement:
Stud Bead to Stud Bead Subtract 1/8"
****Measurement Location Shown Above****



Measuring situation as shown on elevation

Measurement Notes:

- The width measurement is the same for all measuring situations.
- Measure the width at multiple locations within the opening to verify width.
  - The widths should be the same at the top and bottom of the opening.

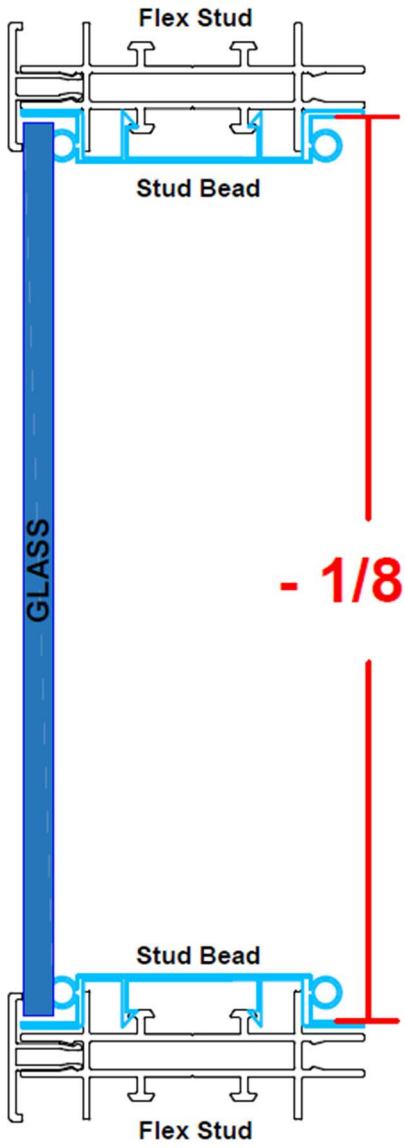
Nxtwall
Flex Series Glass Measuring Guide

Phone: (269) 488-2752

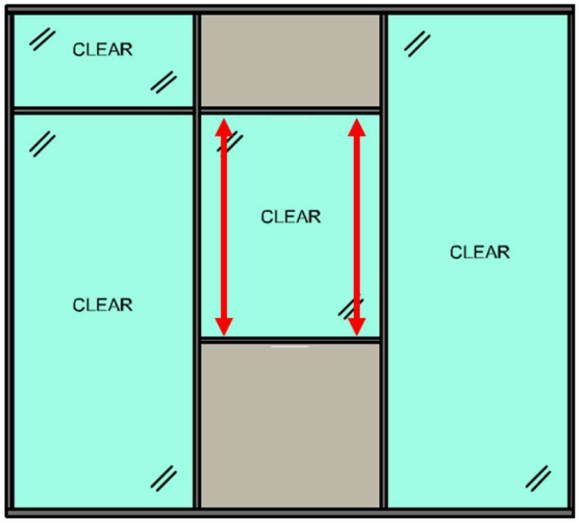
01/2024

Flex Series Glass Measuring: Glass Height Measurement

- **Horizontal Flex Stud to Horizontal Flex Stud**



Glass Height Measurement:
Stud Bead to Stud Bead Subtract 1/8"
Measurement Location Shown



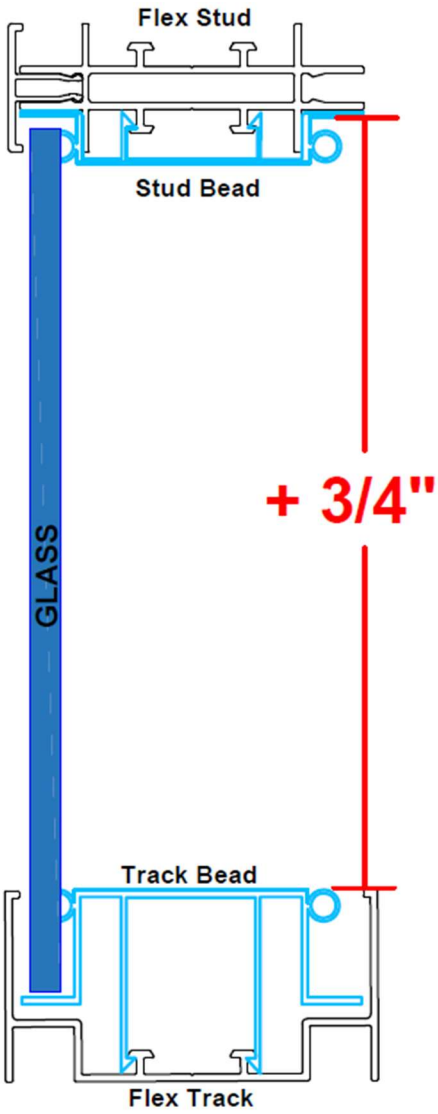
Measuring situation as shown on elevation

Measurement Notes:

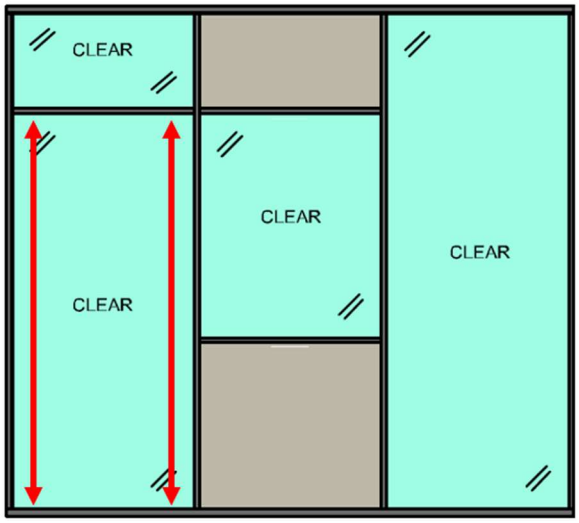
- Measure the height at multiple locations within the opening to verify height.
  - The height should be the same on each side of the opening.

Flex Series Glass Measuring: Glass Height Measurement

- **Flex Track at the Floor to Horizontal Flex Stud**



Glass Height Measurement:
Top of Flex Track to Stud Bead Add 3/4"
****Measurement Location Shown****



Measuring situation as shown on elevation

Measurement Notes:

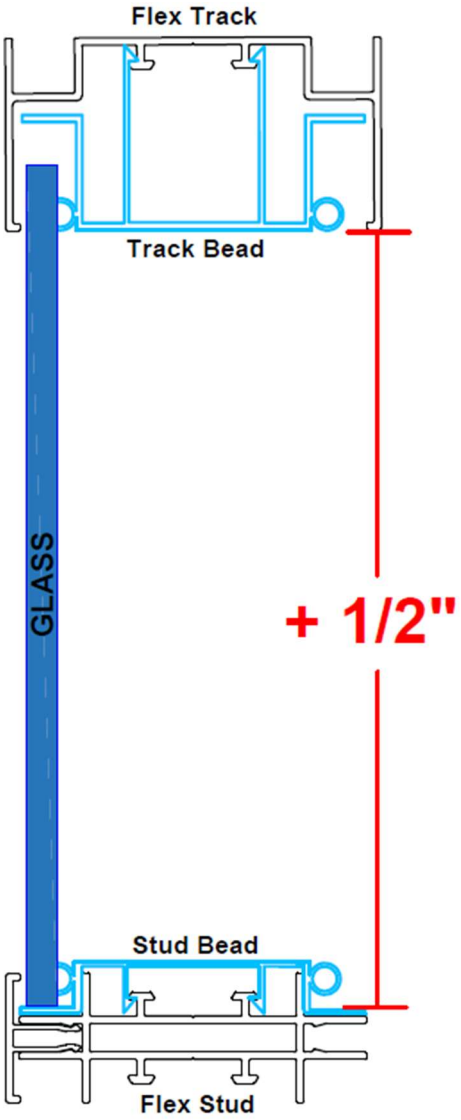
- Measure the height at multiple locations within the opening to verify height.
  - The height should be the same on each side of the opening.
  - If there is a variance in height due to an uneven floor use the shortest measurement for the opening.

Phone: (269) 488-2752

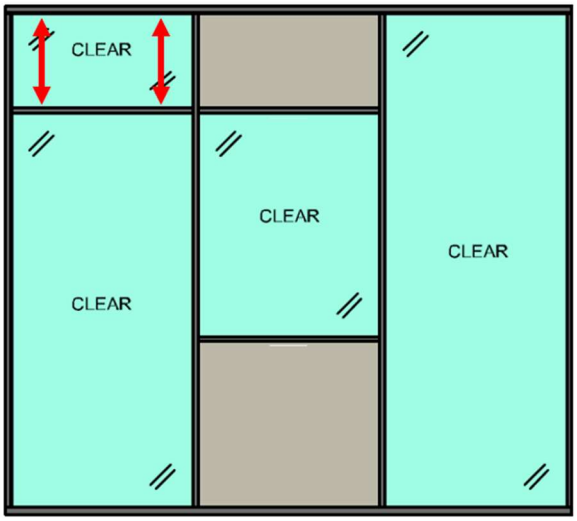
01/2024

Flex Series Glass Measuring: Glass Height Measurement - Clerestory

- **Horizontal Flex Stud to Flex Track at the Ceiling**



Glass Height Measurement:
Stud Bead to Bottom of Flex Track Add 1/2"
Measurement Location Shown



Measuring situation as shown on elevation

Measurement Notes:

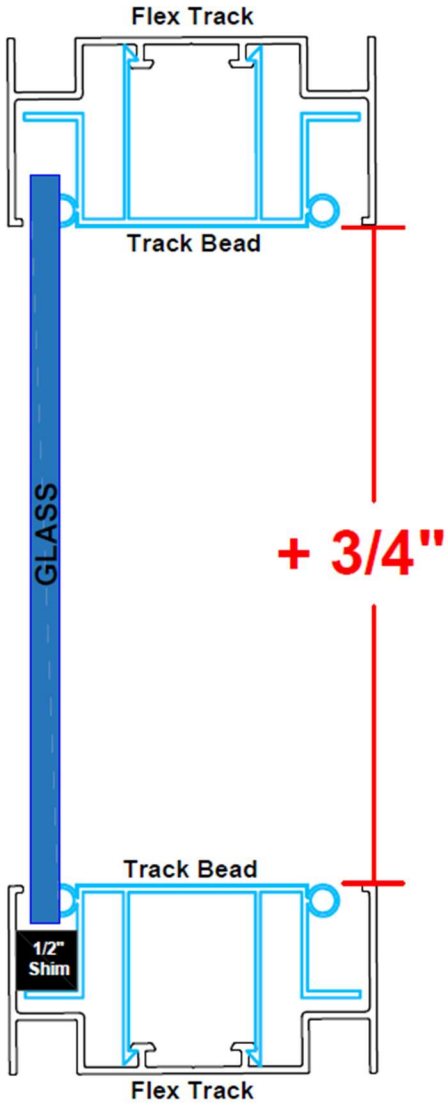
- Measure the height at multiple locations within the opening to verify height.
  - The height should be the same on each side of the opening.
  - If there is a variance in height due to an uneven ceiling use the shortest measurement for the opening.

Phone: (269) 488-2752

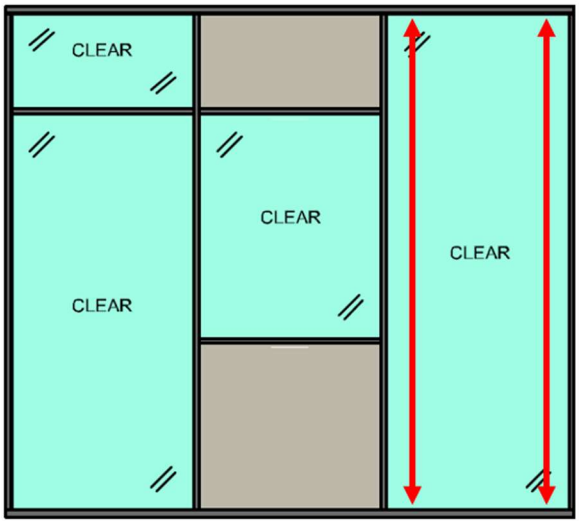
01/2024

Flex Series Glass Measuring: Glass Height Measurement – Full Height Glass

- **Flex Track at the Floor to Flex Track at the Ceiling**



Glass Height Measurement:
Top of Flex Track to Bottom of Flex Track Add 3/4"
Measurement Location Shown



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at multiple locations within the opening to verify height.
  - The height should be the same on each side of the opening.
  - If there is a variance in height due to an uneven floor use the shortest measurement for the opening.
- When installing the glass make sure to include the 1/2" Shim in the Flex Track at the Floor.

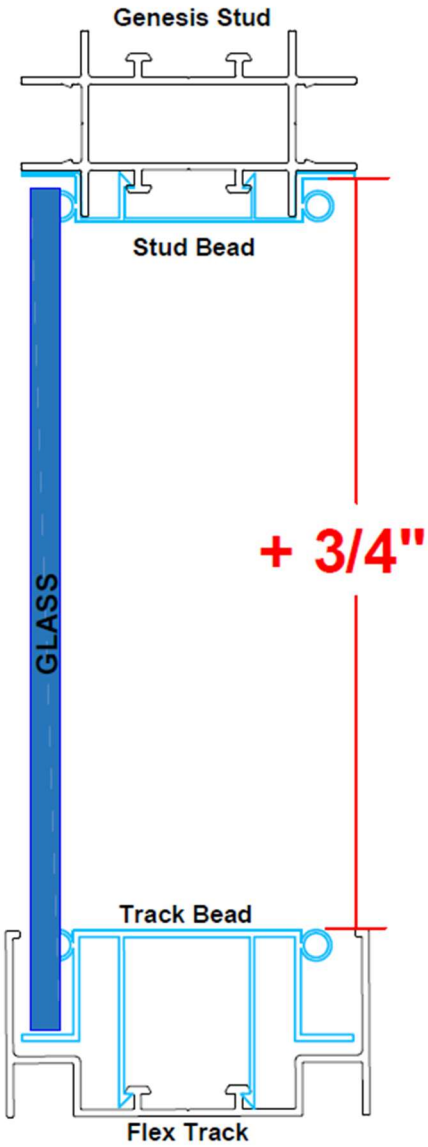
Nxtwall
Flex Series Glass Measuring Guide

Phone: (269) 488-2752

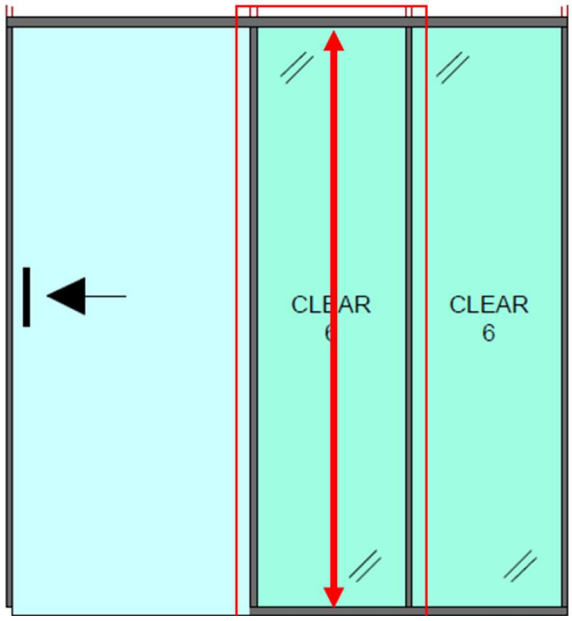
01/2024

Flex Series Glass Measuring: Full Height Sliding Door – Fixed Pane Height Measurement

- **Flex Track at the Floor to Genesis Stud at the Ceiling**



Glass Height Measurement:
Top of Flex Track to Stud Bead Add 3/4"
****Measurement Location Shown****



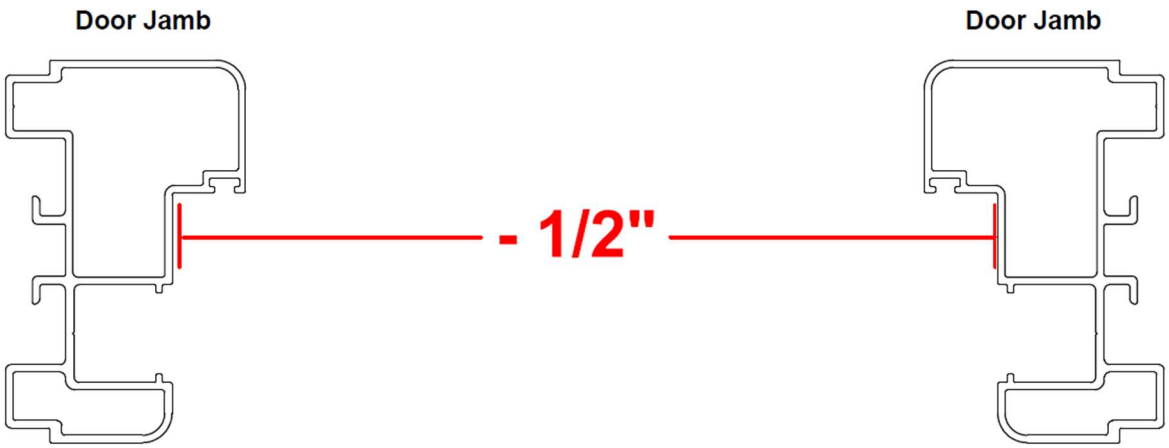
Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at multiple locations within the opening to verify height.
  - The height should be the same on each side of the opening.
  - If there is a variance in height due to an uneven floor use the shortest measurement for the opening.

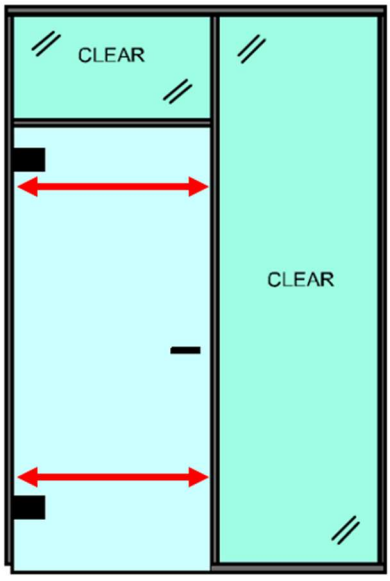
Phone: (269) 488-2752

Flex Series Glass Measuring: Single Glass Swing Door – Width Measurement

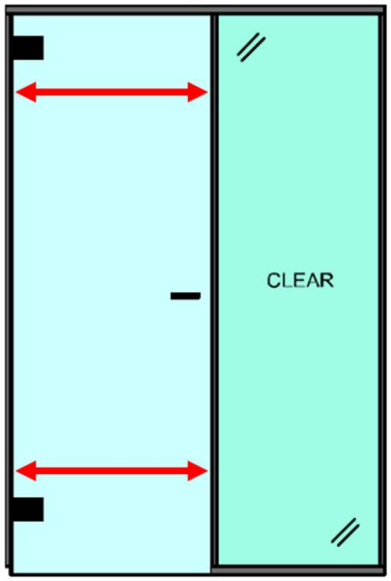


Single Glass Swing Door Width Measurement:
Door Jamb to Door Jamb Subtract 1/2"
****Measurement Location Shown****

Non-Full Height Door



Full Height Door



Measuring situation as shown on elevation

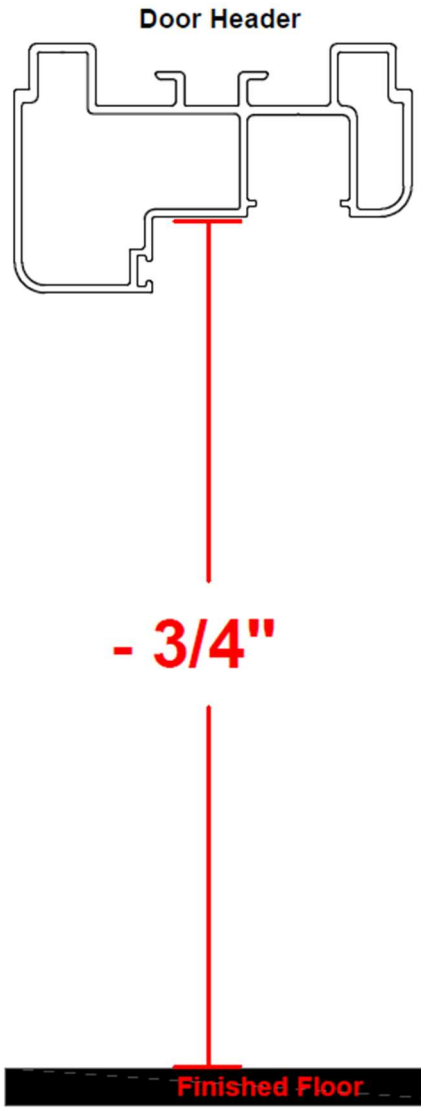
Measurement Notes:

- Measure the width at multiple locations within the opening to verify width.
  - The width must be the same from top to bottom to ensure proper fitment.
- For standard Single Swing Doors the width is typically 35 1/2" or 35 5/8”.
- The width measurement location is the same for Full Height Swing Doors.

Phone: (269) 488-2752

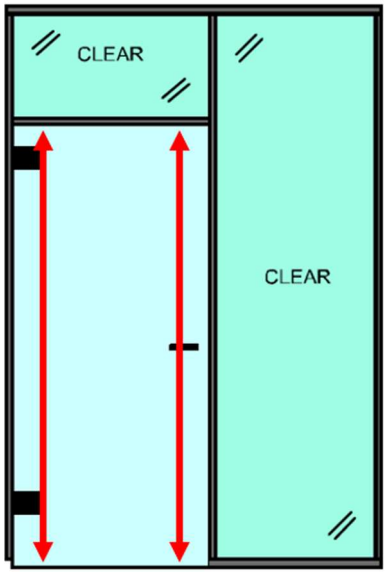
01/2024

Flex Series Glass Measuring: Glass Swing Door – Height Measurement

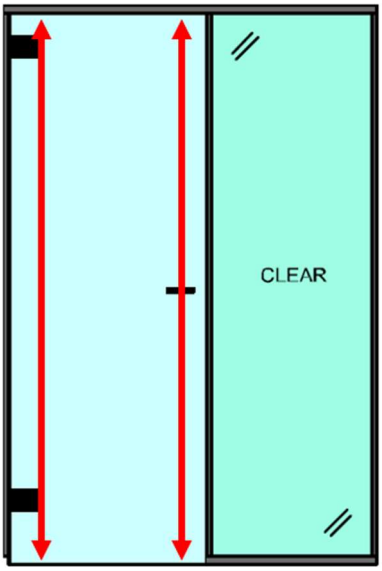


Glass Swing Door Height Measurement:
Finished Floor to Door Header Subtract 3/4"
Measurement Location Shown

Non-Full Height Door



Full Height Door



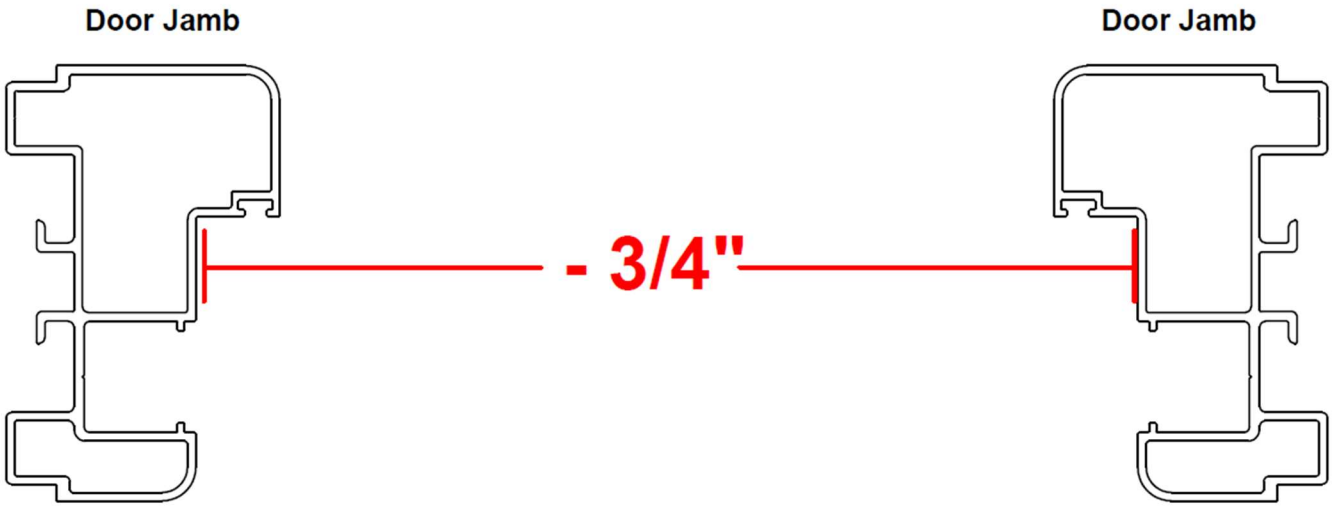
Measuring situation as shown on elevation

Measurement Notes:

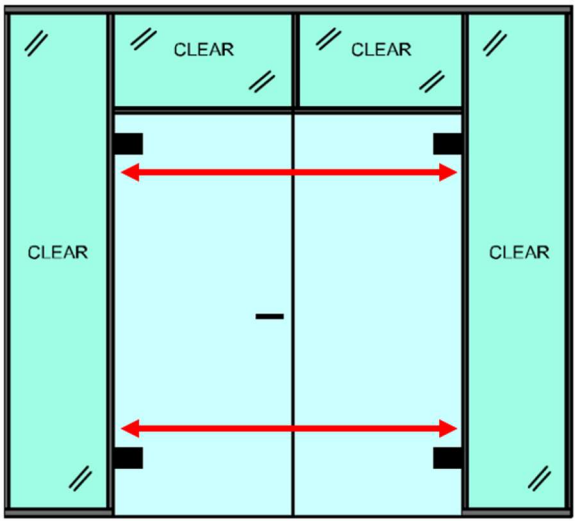
- Measure the height on each side of the opening to verify height.
  - Use the shortest measurement for the door height.
- The height measurement location is the same for Full Height Swing Doors.
- The height measurement calculation allows a 1/2" air gap at the floor and a 1/4" air gap between the top of the door and door header.

Phone: (269) 488-2752

Flex Series Glass Measuring: Double Glass Swing Door – Width Measurement



Double Glass Swing Door Width Measurement:
Door Jamb to Door Jamb Subtract 3/4"
Divide Measurement by 2 for Individual Door Width
****Measurement Location Shown****



Measuring situation as shown on elevation

Measurement Notes:

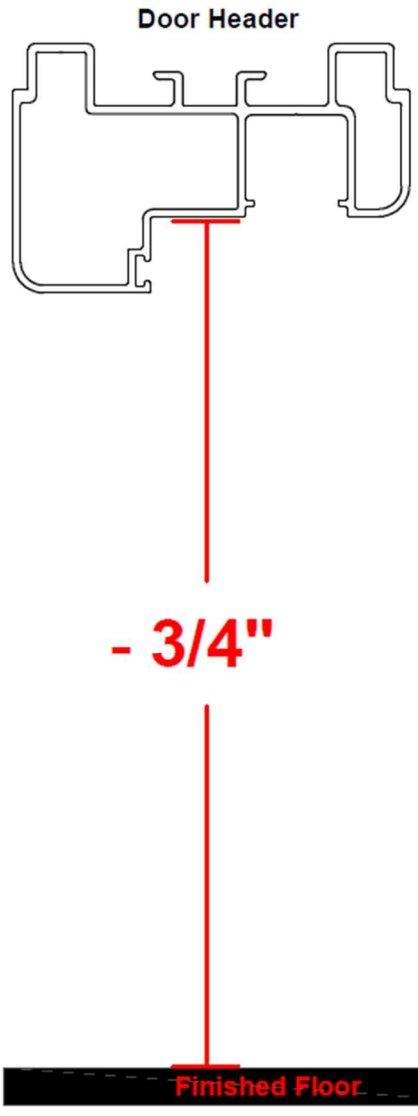
- Measure the width at multiple locations within the opening to verify width.
  - The width must be the same from top to bottom to ensure proper fitment.
- The width measurement location is the same for Full Height Swing Doors.
- Measurement will provide approximately 1/4" Gap between doors.

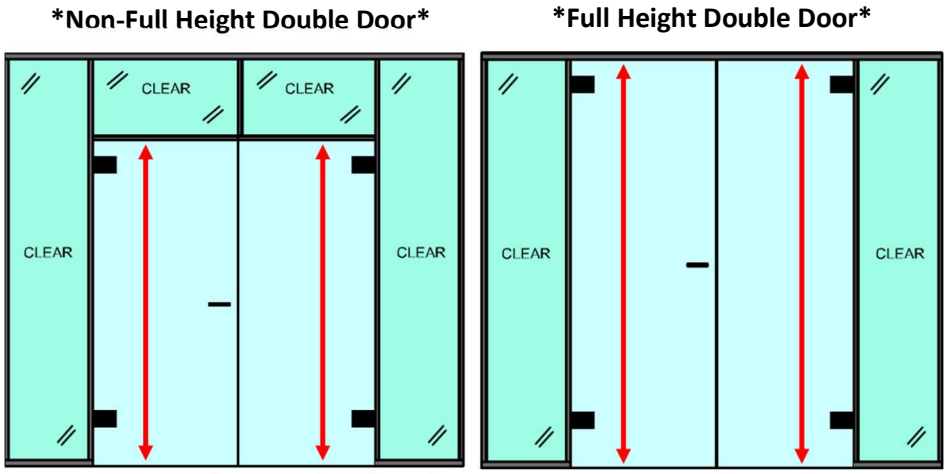
Nxtwall
Flex Series Glass Measuring Guide

Phone: (269) 488-2752

01/2024

Flex Series Glass Measuring: Double Glass Swing Door – Height Measurement





Measuring situation as shown on elevation

Measurement Notes:

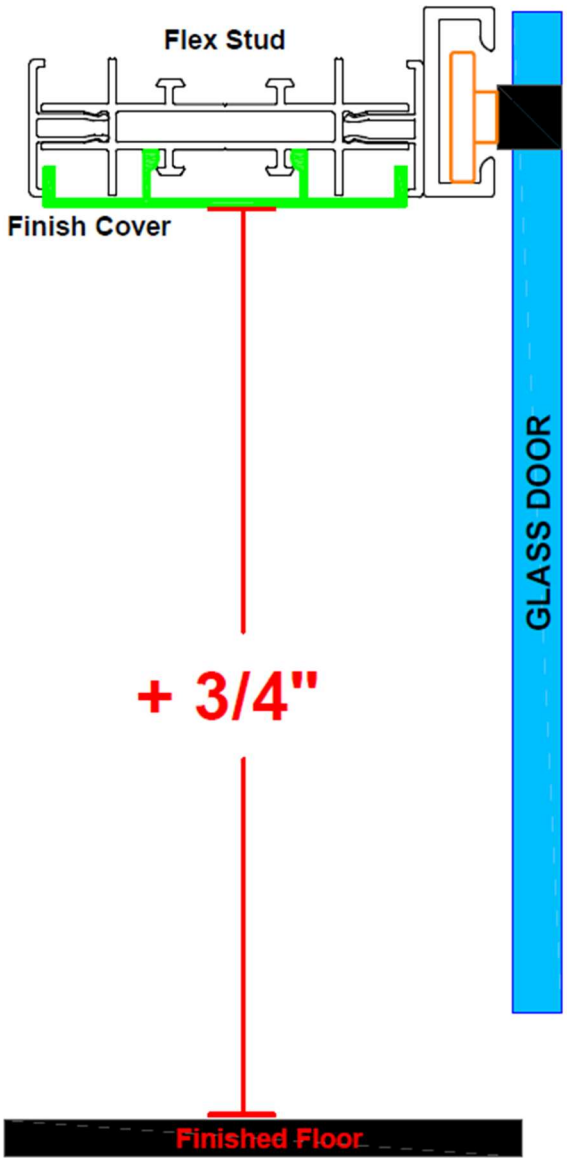
- Measure the height at 2-3 locations within the door opening to verify the height.
  - Use the shortest measurement for the door heights.
- It is important for door heights to match for the door handles to align with each other properly.
- The height measurement location is the same for Full Height Swing Doors.
- The height measurement calculation allows a 1/2" air gap at the floor and a 1/4" air gap between the top of the door and door header.

Glass Swing Door Height Measurement:
Finished Floor to Door Header Subtract 3/4"
****Measurement Location Shown****

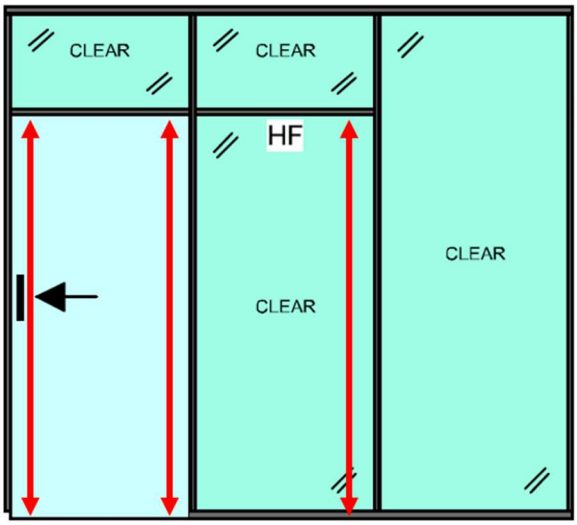
Phone: (269) 488-2752

01/2024

Flex Series Glass Measuring: Non-Full Height Single Glass Sliding Door – Height Measurement



Non-Full Height Sliding Door



Measuring situation as shown on elevation

Measurement Notes:

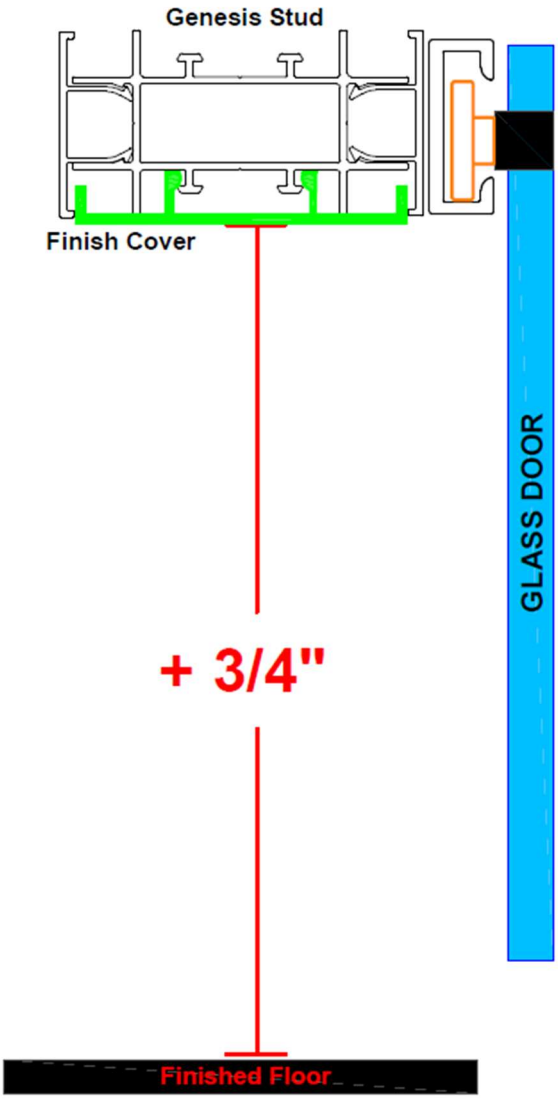
- Measure the height at 2-3 locations along the door opening to verify the height.
  - Use the shortest measurement for the door height. This will ensure the door does not contact the floor when opening and closing.
- With a 38” walkthrough opening the standard width for Sliding Glass Doors is 42”.

Glass Sliding Door Height Measurement:
Finished Floor to Finish Cover Add 3/4"
****Measurement Location Shown****

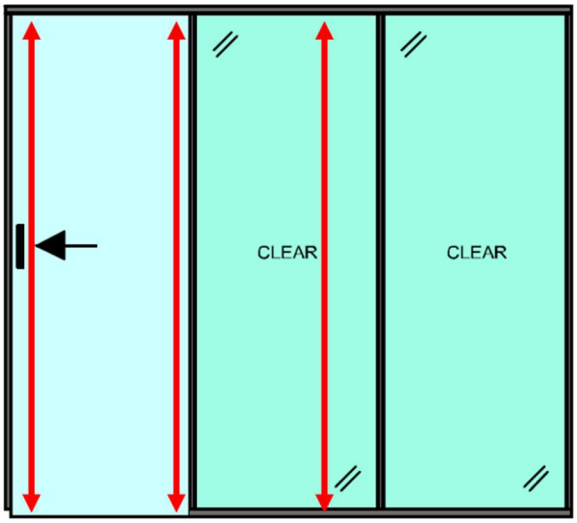
Phone: (269) 488-2752

01/2024

Flex Series Glass Measuring: Full Height Single Glass Sliding Door – Height Measurement



Full Height Sliding Door



Measuring situation as shown on elevation

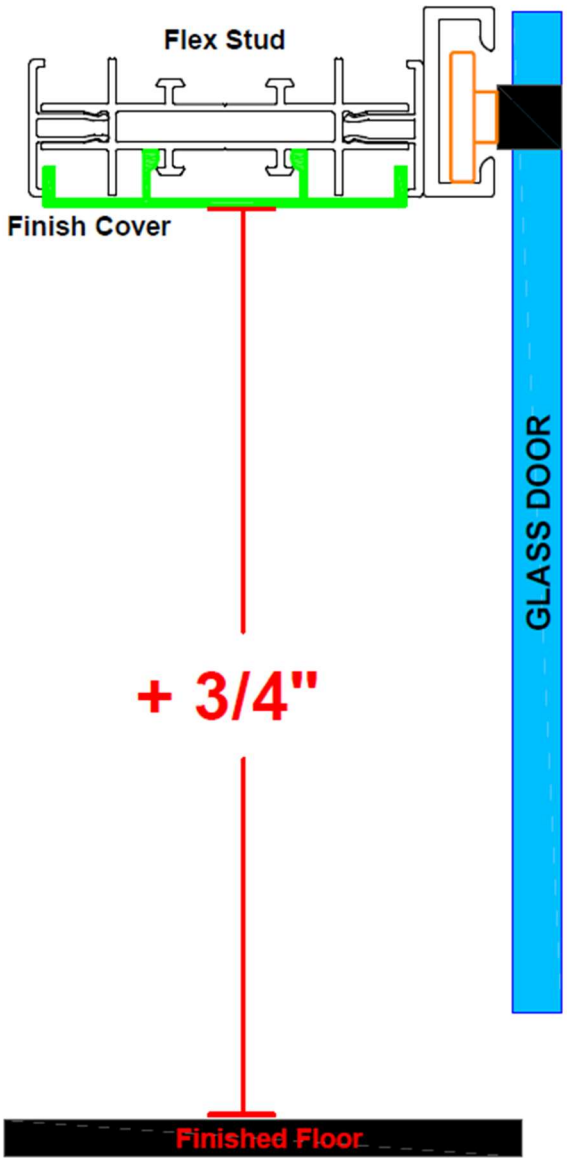
Measurement Notes:

- Measure the height at 2-3 locations along the door opening to verify the height.
  - Use the shortest measurement for the door height. This will ensure the door does not contact the floor when opening and closing.
- With a 38” walkthrough opening the standard width for Sliding Glass Doors is 42”.

Full Height Glass Sliding Door Height Measurement:
Finished Floor to Finish Cover Add 3/4"
****Measurement Location Shown****

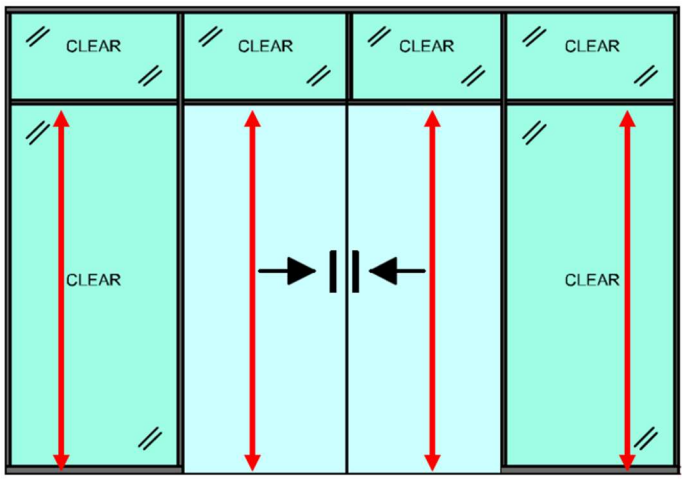
Phone: (269) 488-2752

Flex Series Glass Measuring: Non-Full Height Double Glass Sliding Door – Height Measurement



Glass Sliding Door Height Measurement:
Finished Floor to Finish Cover Add 3/4"
****Measurement Location Shown****

Non-Full Height Double Sliding Door



Measuring situation as shown on elevation

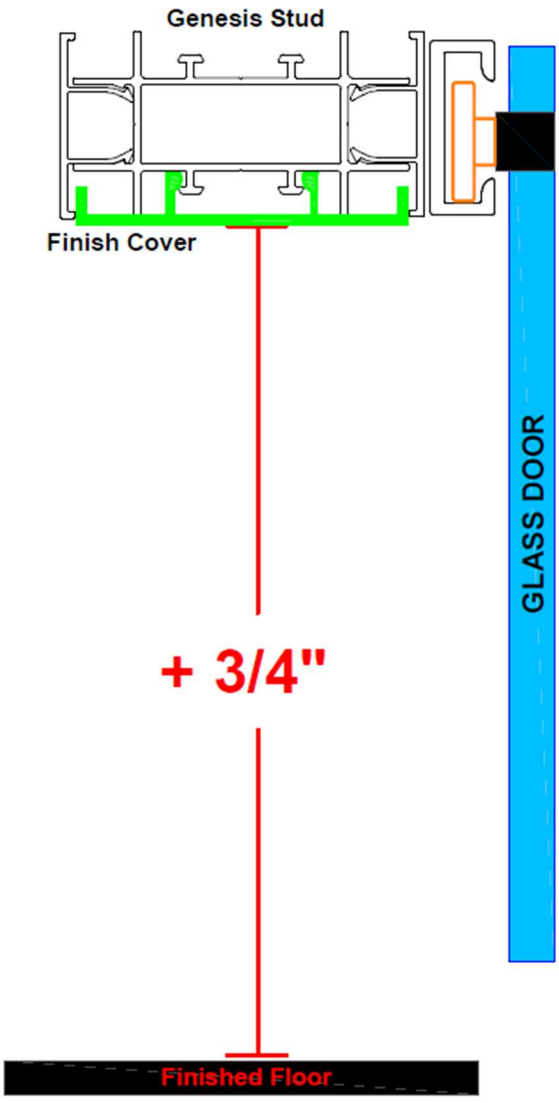
Measurement Notes:

- Measure the height at 3-4 locations within the door opening to verify the height.
  - Use the shortest measurement for the door heights. This will ensure the doors do not contact the floor when opening and closing.
- It is important for door heights to match for the door handles to align with each other properly.
- Each door width will be 42”.

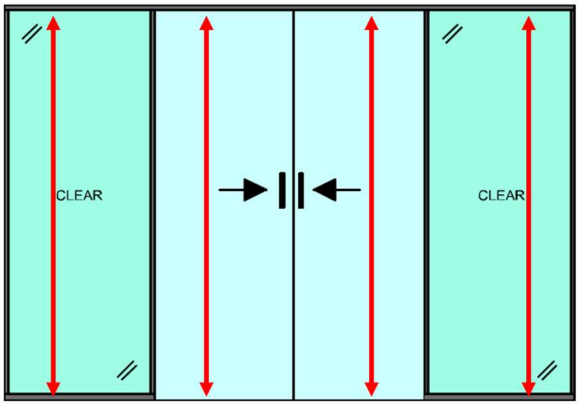
Phone: (269) 488-2752

01/2024

Flex Series Glass Measuring: Full Height Double Glass Sliding Door – Height Measurement



Full Height Double Sliding Door



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at 3-4 locations within the door opening to verify the height.
  - Use the shortest measurement for the door heights. This will ensure the doors do not contact the floor when opening and closing.
- It is important for door heights to match for the door handles to align with each other properly.
- Each door width will be 42”.

Full Height Glass Sliding Door Height Measurement:
Finished Floor to Finish Cover Add 3/4"
Measurement Location Shown