



# **FLEX SERIES GLASS MEASURING GUIDE**

*Phone Number: (269) 488-2752*

# Nxtwall

## Flex Series Glass Measuring Guide



Phone: (269) 488-2752

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### 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.

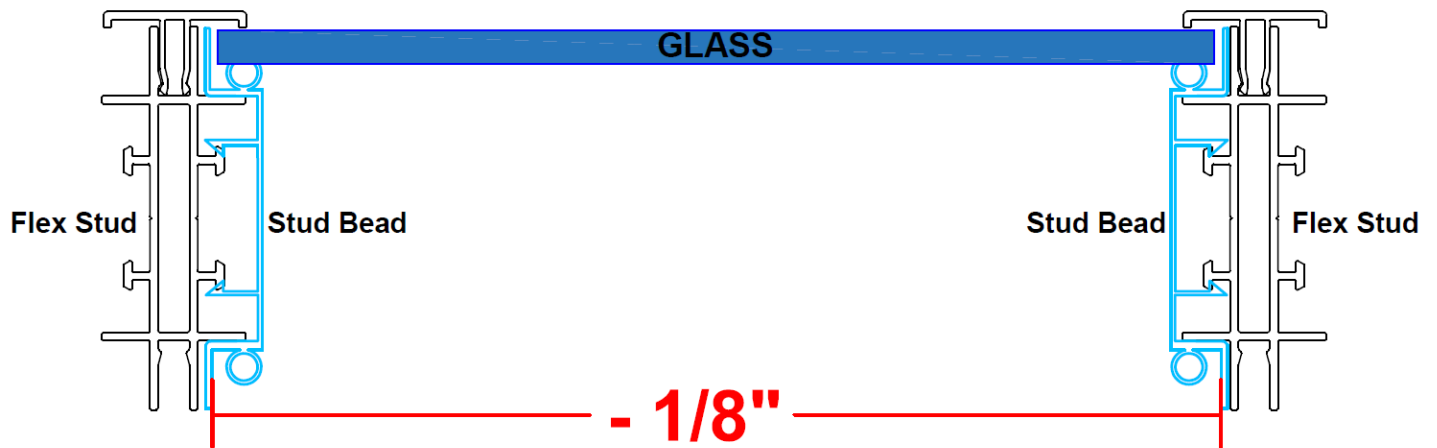
### Receiving Glass and Inspection

- 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.

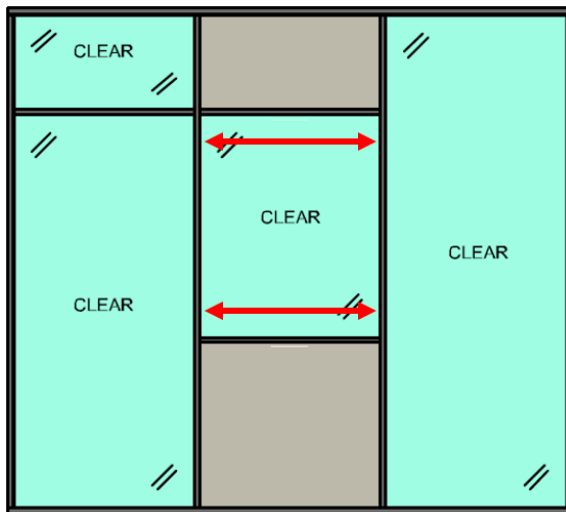
# Nxtwall Flex Series Glass Measuring Guide

## 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:

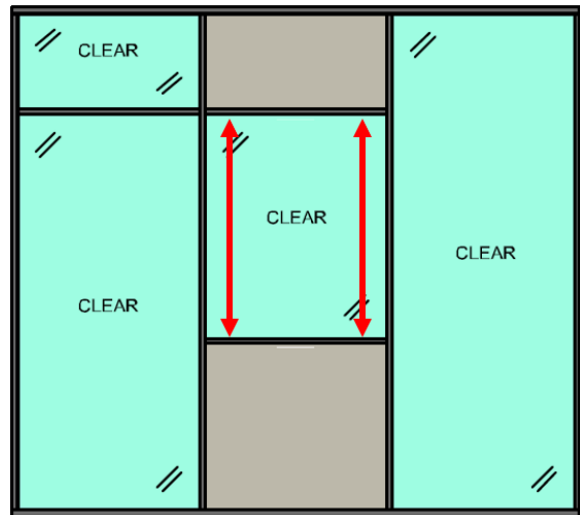
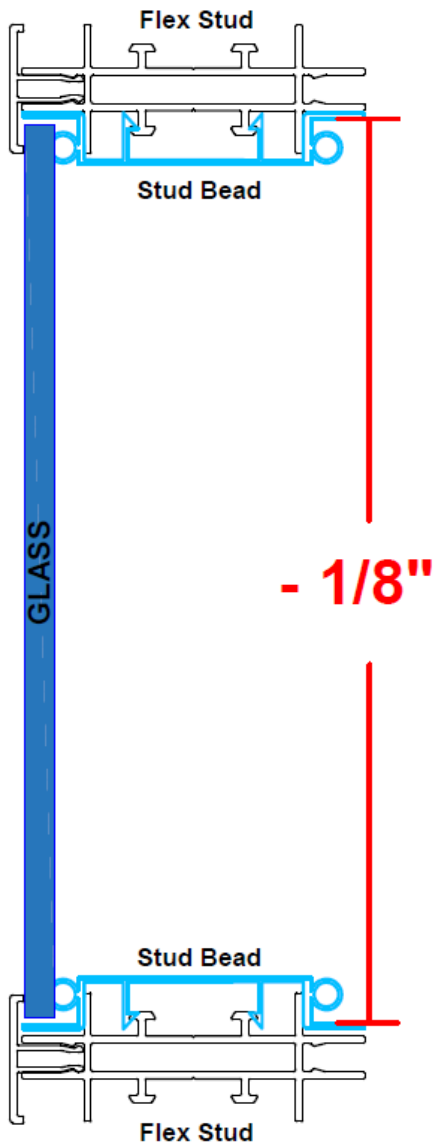
- The width measurement is the same for all measuring situations.
- Measure the width at multiple locations within the opening to verify width.
  - The widths should be the same at the top and bottom of the opening.

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## Flex Series Glass Measuring Guide

### Flex Series Glass Measuring: Glass Height Measurement

- Horizontal Flex Stud to Horizontal Flex Stud



\*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.

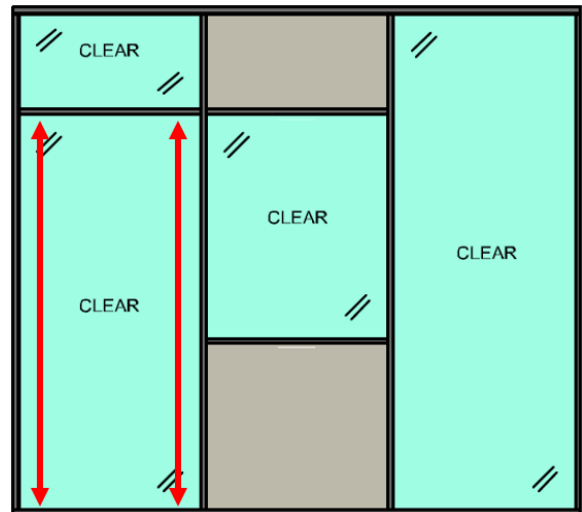
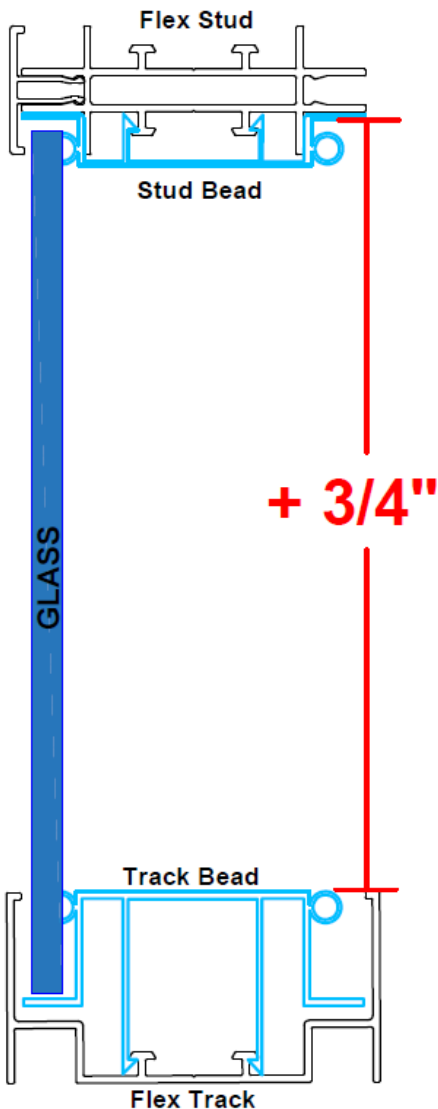
**Glass Height Measurement:**  
**Stud Bead to Stud Bead Subtract 1/8"**  
**\*\*Measurement Location Shown\*\***

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## Flex Series Glass Measuring Guide

### Flex Series Glass Measuring: Glass Height Measurement

- Flex Track at the Floor to Horizontal Flex Stud



\*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.

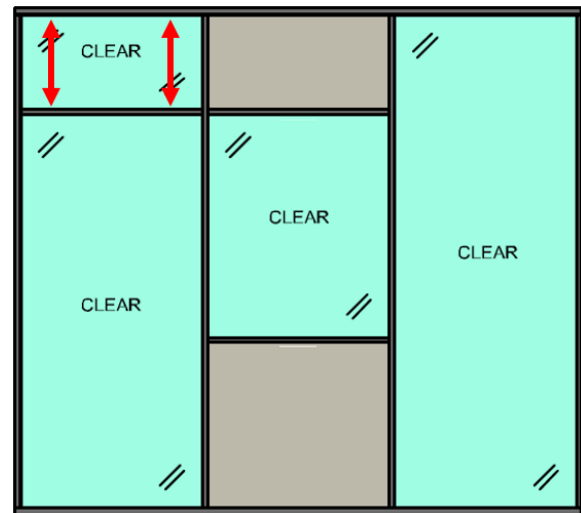
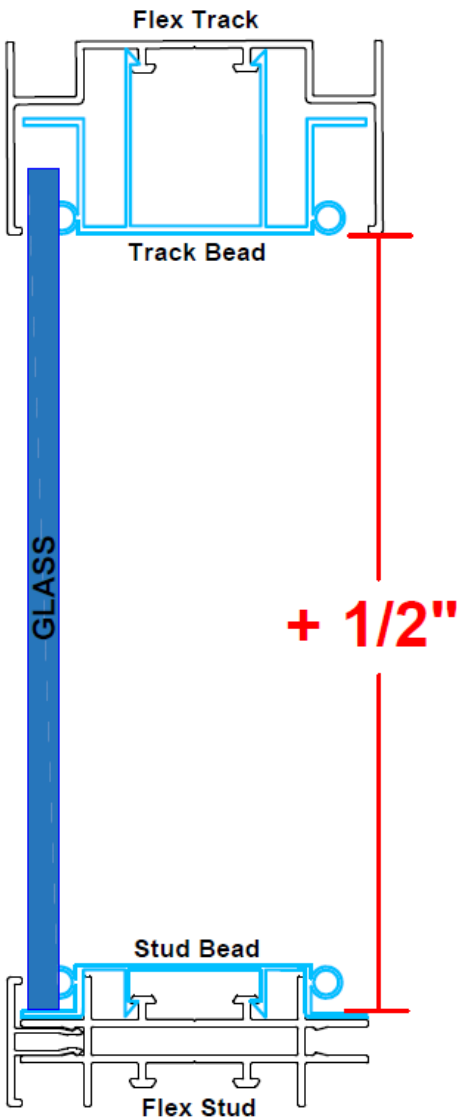
**Glass Height Measurement:**  
**Top of Flex Track to Stud Bead Add 3/4"**  
**\*\*Measurement Location Shown\*\***

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## Flex Series Glass Measuring Guide

### Flex Series Glass Measuring: Glass Height Measurement - Clerestory

- Horizontal Flex Stud to Flex Track at the Ceiling



\*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.

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

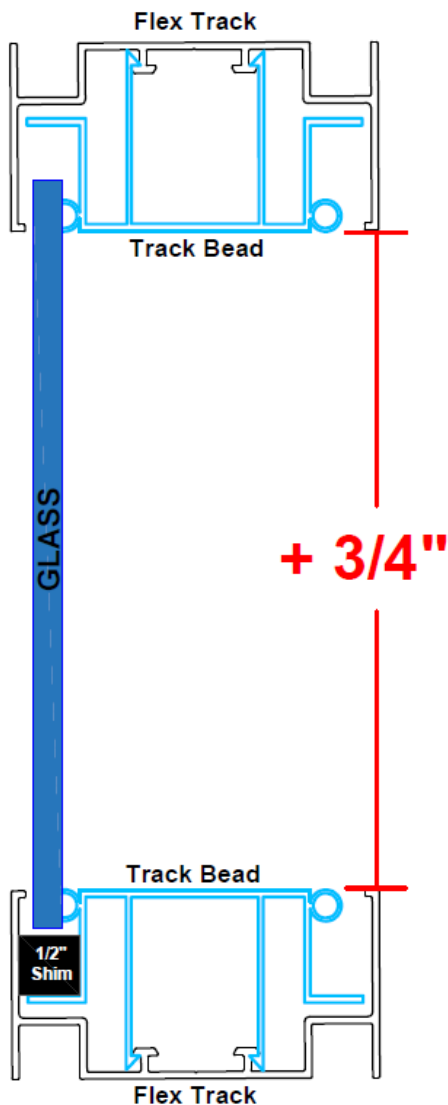
**\*\*Measurement Location Shown\*\***

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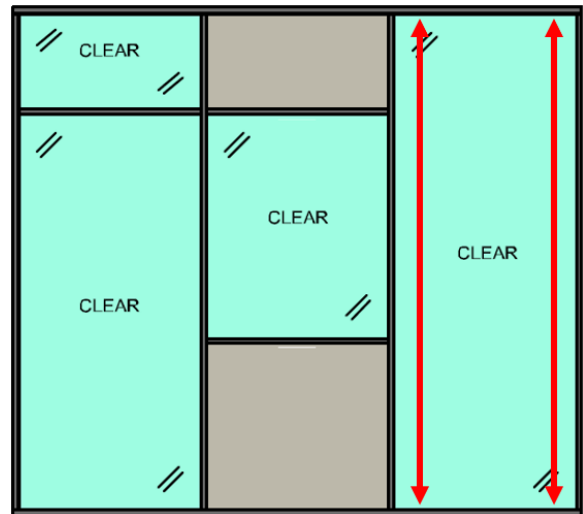
## Flex Series Glass Measuring Guide

### 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\*

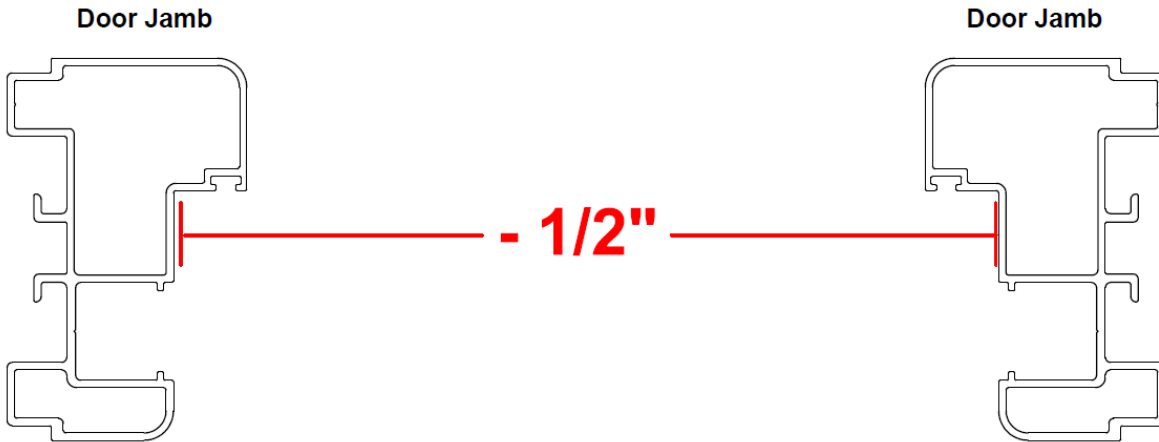
#### Measurement Notes:

- 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.

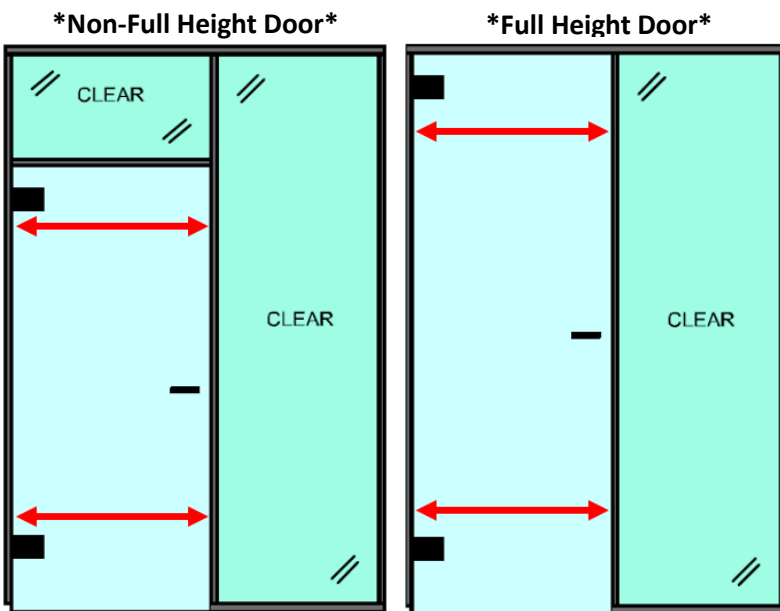
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## Flex Series Glass Measuring Guide

### 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\*\***



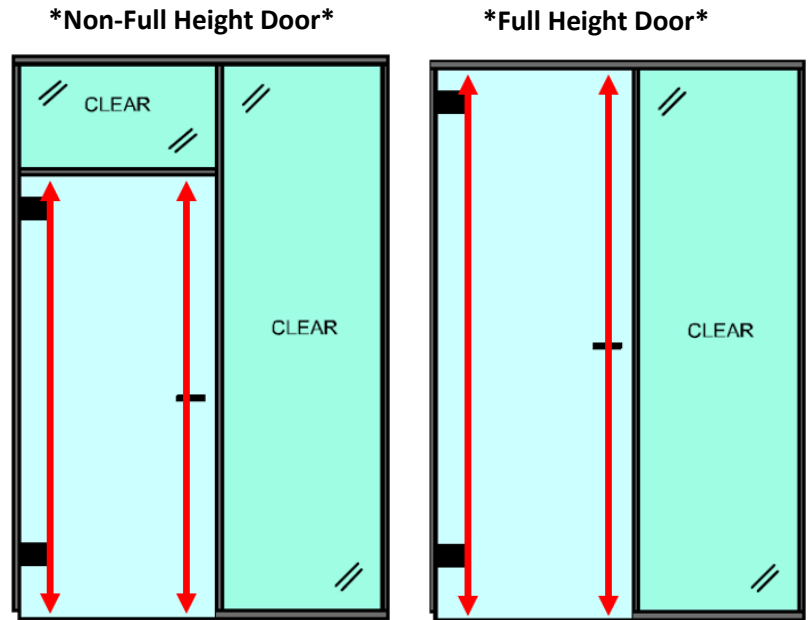
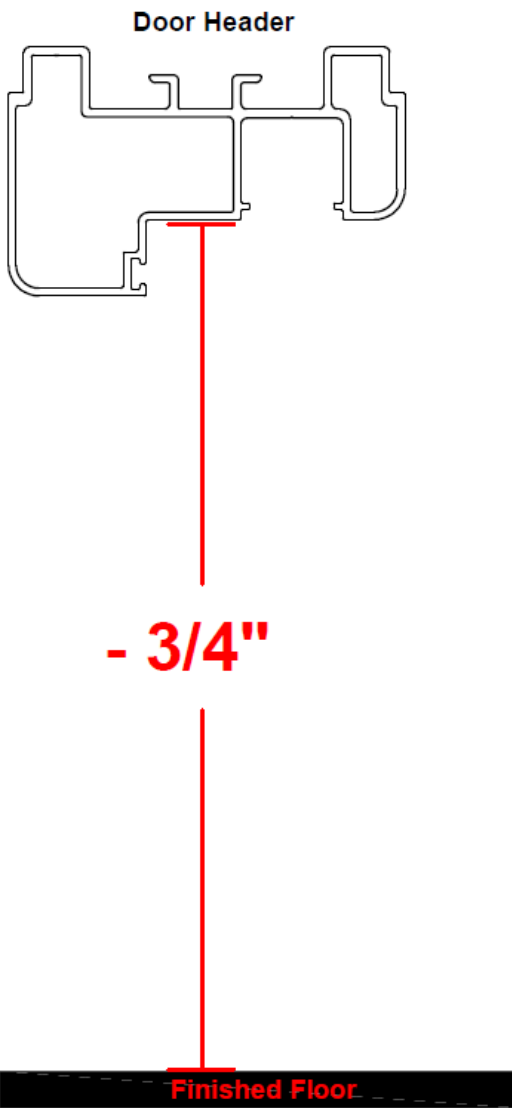
**\*Measuring situation as shown on elevation\***

- 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.

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## Flex Series Glass Measuring Guide

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



\*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.

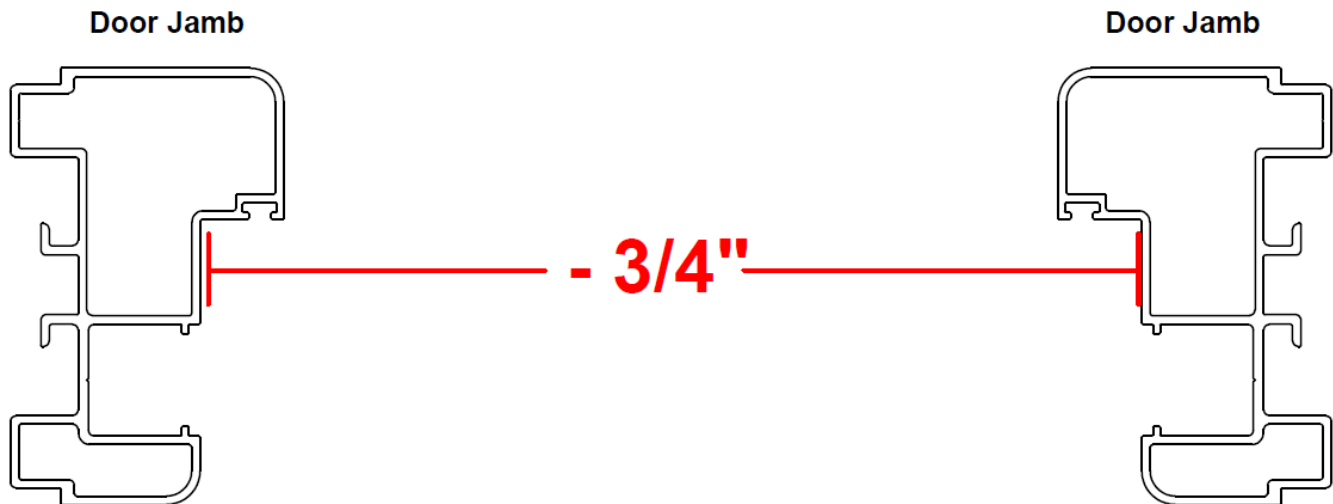
**Glass Swing Door Height Measurement:**  
**Finished Floor to Door Header Subtract 3/4"**

**\*\*Measurement Location Shown\*\***

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## Flex Series Glass Measuring Guide

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

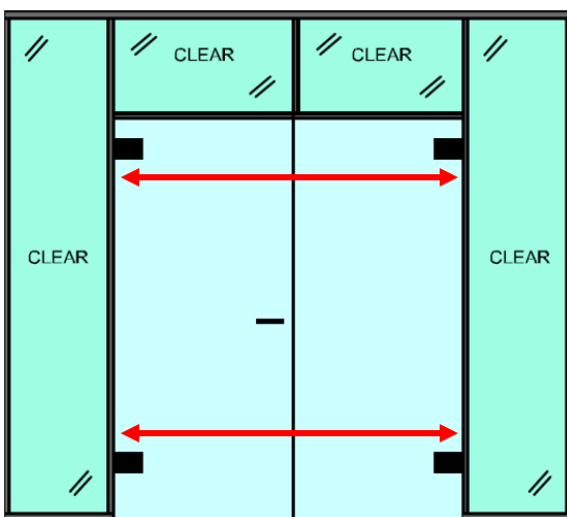


### Double Glass Swing Door Width Measurement:

**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\***

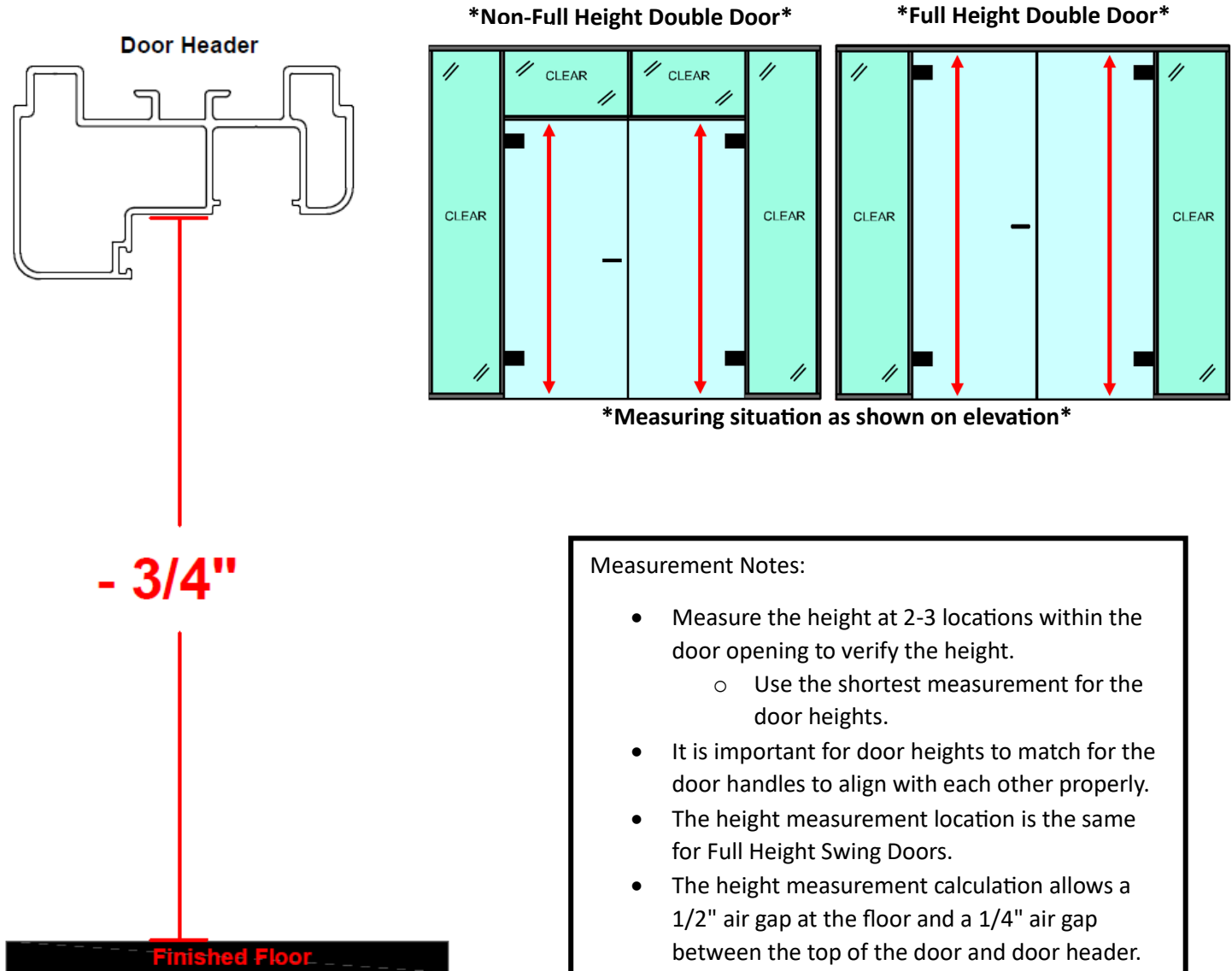
#### Measurement Notes:

- 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.

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## Flex Series Glass Measuring Guide

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



#### 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.

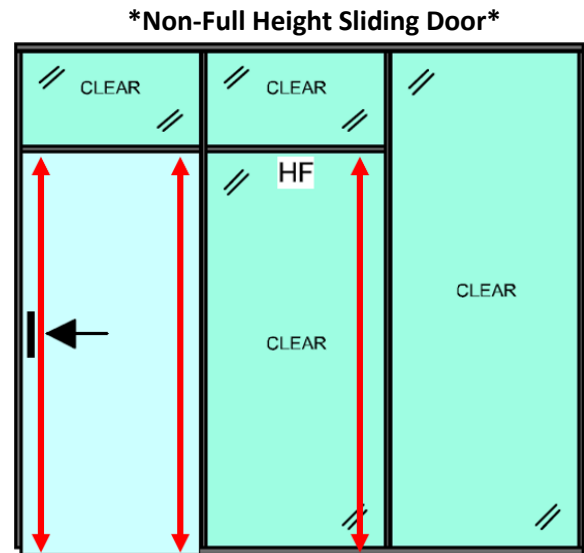
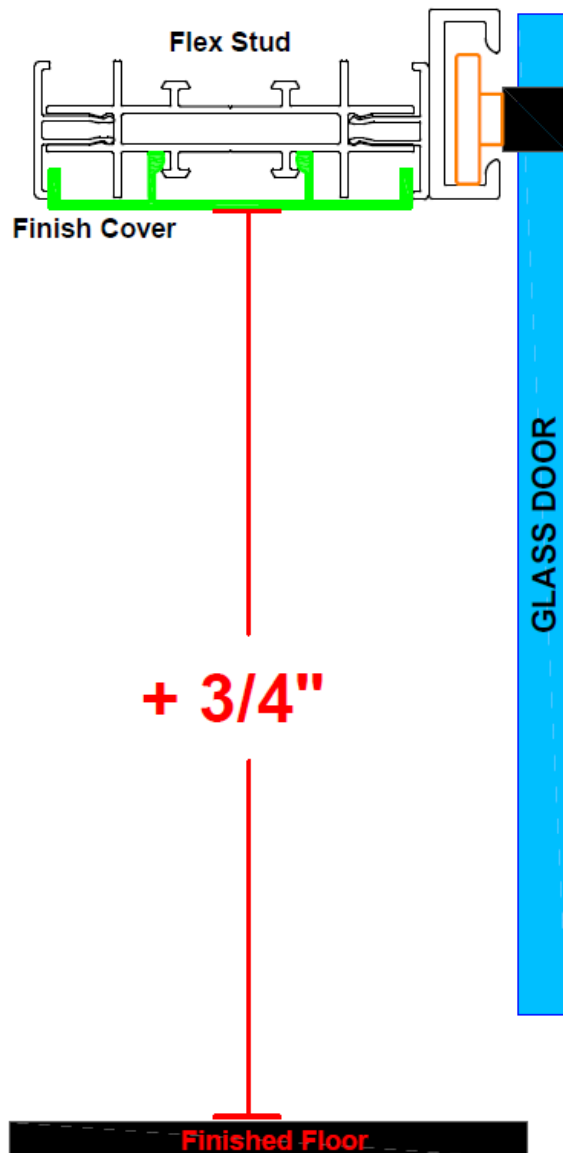
**Glass Swing Door Height Measurement:**  
**Finished Floor to Door Header Subtract 3/4"**

**\*\*Measurement Location Shown\*\***

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## Flex Series Glass Measuring Guide

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



\*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".

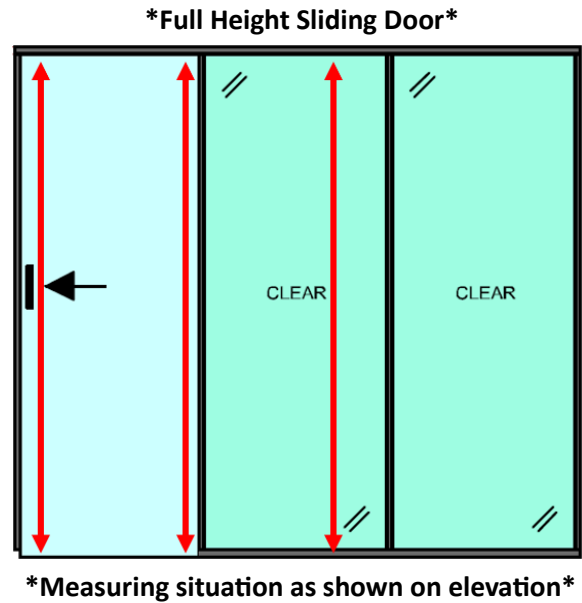
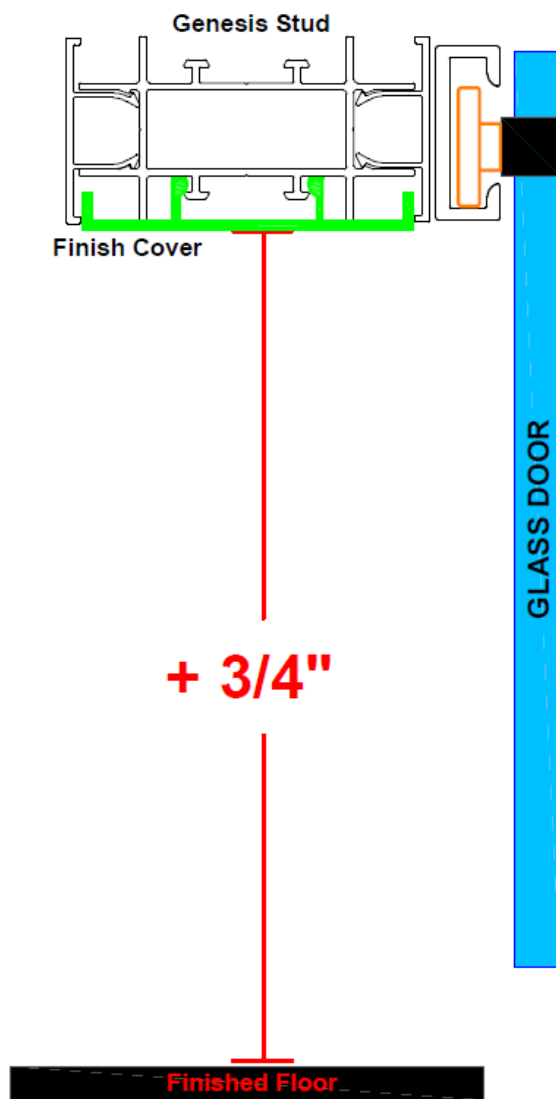
**Glass Sliding Door Height Measurement:**  
**Finished Floor to Finish Cover Add 3/4"**

**\*\*Measurement Location Shown\*\***

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## Flex Series Glass Measuring Guide

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

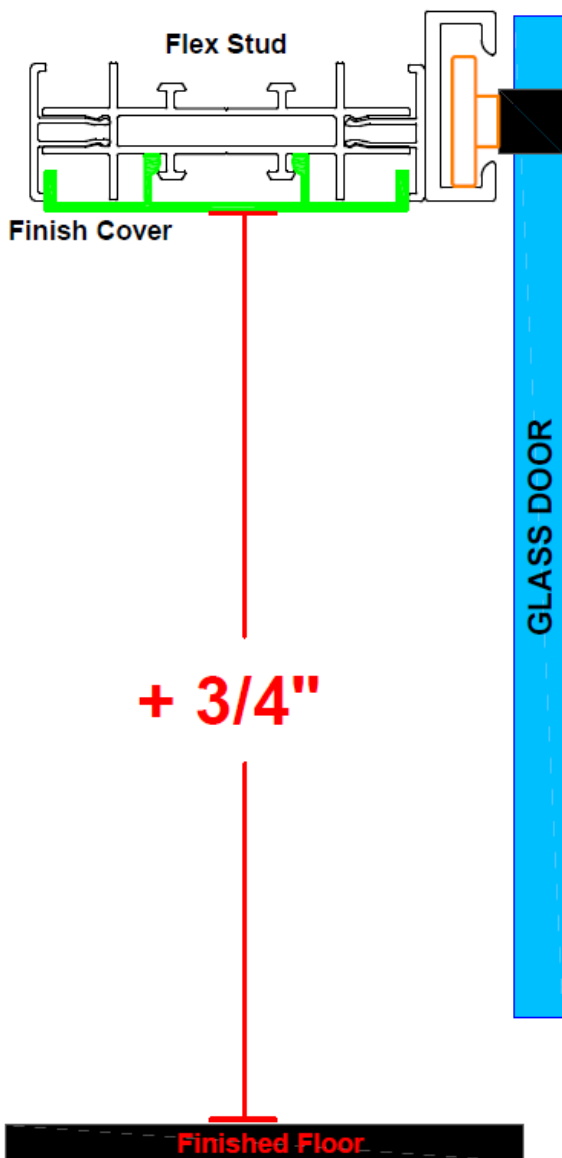


- Measurement Notes:
- Measure the height at 2-3 locations along the door opening to verify the height.
    - Use the shortest measurement for the door height. This will ensure the door does not contact the floor when opening and closing.
  - With a 38" walkthrough opening the standard width for Sliding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

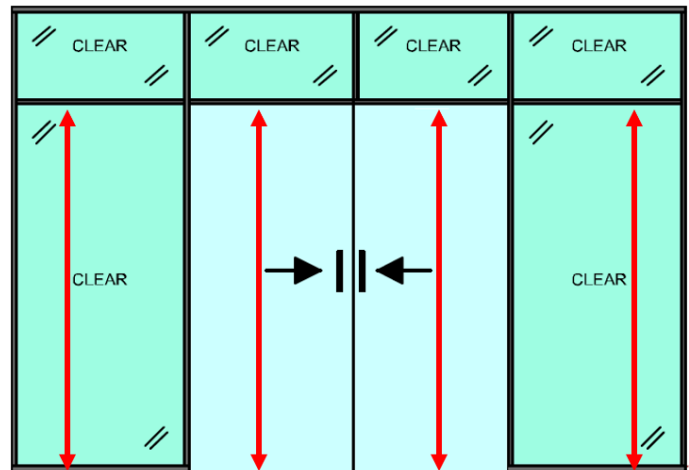
**Full Height Glass Sliding Door Height Measurement:**  
**Finished Floor to Finish Cover Add 3/4"**  
**\*\*Measurement Location Shown\*\***

# Nxtwall Flex Series Glass Measuring Guide

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



**\*Non-Full Height Double Sliding Door\***



**\*Measuring situation as shown on elevation\***

**Measurement Notes:**

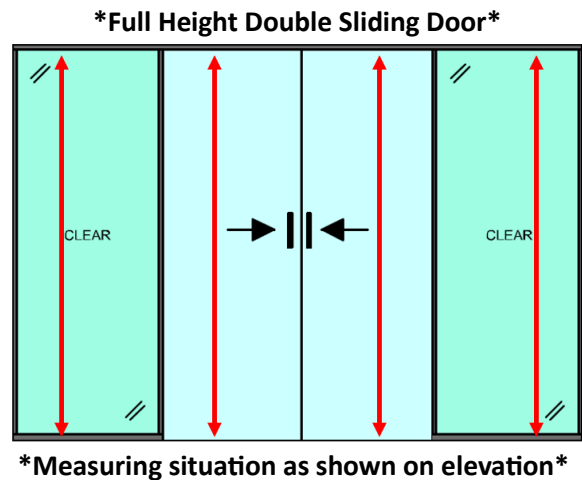
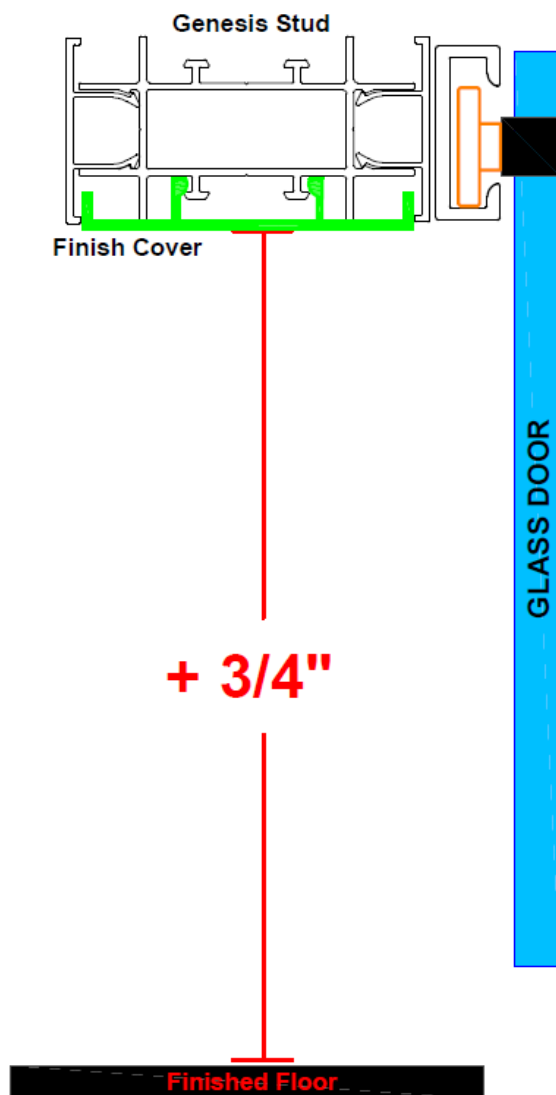
- Measure the height at 3-4 locations within the door opening to verify the height.
  - Use the shortest measurement for the door heights. This will ensure the doors do not contact the floor when opening and closing.
- It is important for door heights to match for the door handles to align with each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

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

**\*\*Measurement Location Shown\*\***

# Nxtwall Flex Series Glass Measuring Guide

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



**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\*\***