

# Nxtwall Installation Instruction

## Installation Scenario:

Flexa Glass Door Hinge Installation

## Nxtwall Components Covered by this Instruction:

- Flexa Hinge
- Door Jamb

## Recommended Installation Tools:

- Drill
- Phillips Screwdriver
- Quick Square
- Shims (Adjusting Door Height)
- Suction Cup (Handling Door)

Fig. 1

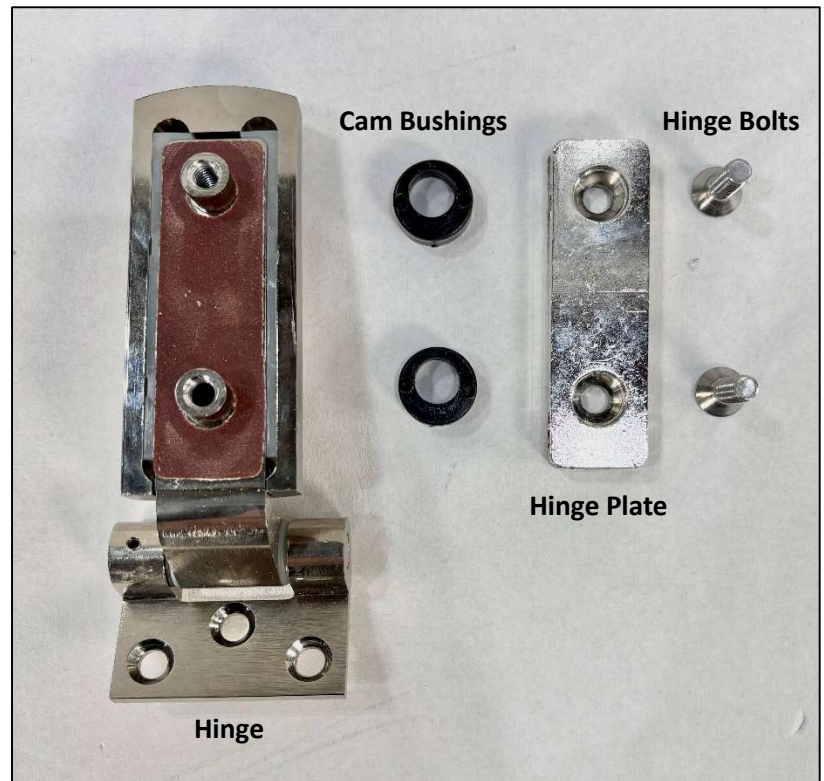


Flexa Hinge



Glass Door  
Backing Plate

1" Anchoring Screw



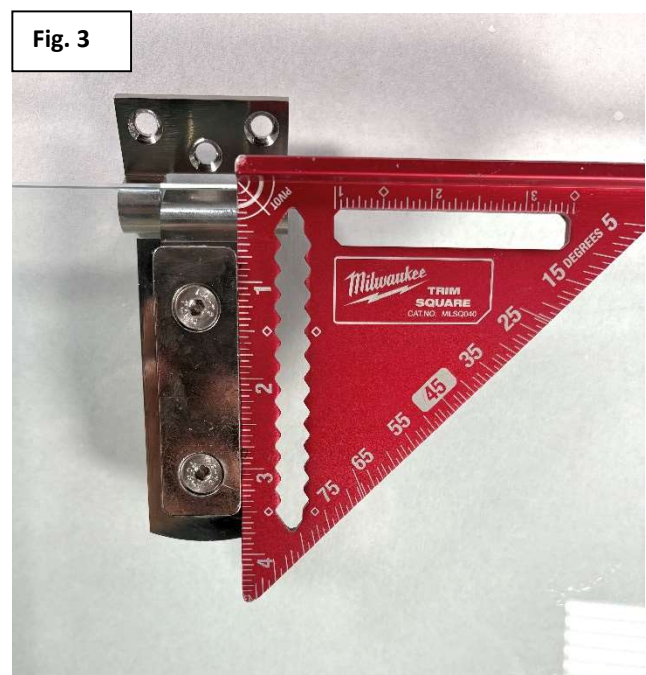
Flexa Hinge Components

# Nxtwall Installation Instruction

## Flexa Hinge Installation: Pre-Installing Hinges

The Flexa Hinges can be pre-installed onto the door prior to installing the door on the door jamb.

1. Determine which side of the door the hinge will be installed on based on the swing of the door.
  - a. The main section of the hinge will be on the inside of the room the door is swinging into.
2. Remove the pre-installed hinge plate from the hinge.
  - a. This will allow the hinge to be installed onto the door.
3. Place the hinge into the holes in the glass door.
4. **Important Step:** Install the cam bushings onto the hinge in the correct orientation. Fig. 2.
  - a. There is a small side and a large side of the cam bushing. The small side needs to be towards the edge of the door on the hinge side.
  - b. The cam bushing orientation allows the glass door to be pulled away from the hinge so it does not bind on the hinge.
5. Reinstall the hinge plate onto the hinge. Tighten the bolts to secure the glass door to the hinge.
6. Use a quick square on the edge of the door to ensure the hinge is square on the door. If needed loosen the bolts, square the hinge, then retighten the bolts. Fig. 3.
7. Install finish cover plate.
8. Repeat this process for the other hinge(s).

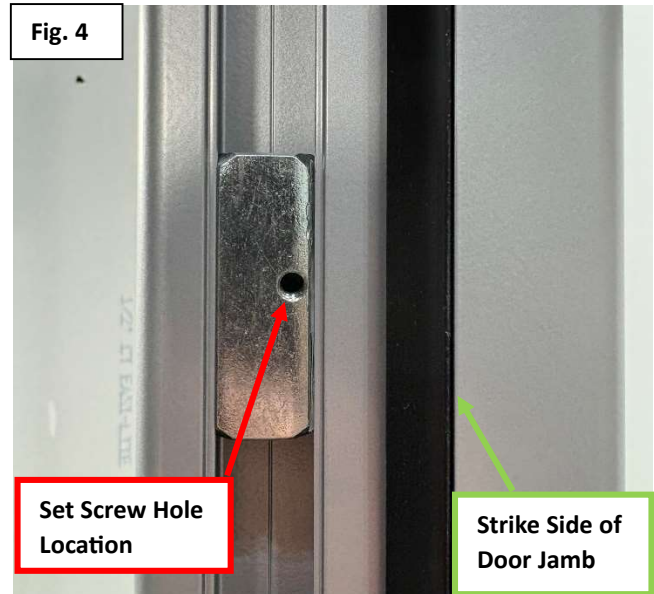


# Nxtwall Installation Instruction

## Flexa Hinge Installation: Installing Door onto Door Jamb

When installing the door use at least two people. One person to handle the door, the other person to install the hinges onto the door jamb.

9. Place the door near the door jamb.
10. Install the backing plate into the door jamb in the orientation shown in Fig. 4.
  - a. The hole for the set screw will be towards the strike side of the door jamb.
11. Adjust the door to align with the center hole of the hinge with the hole in the backing plate. Fig. 5.
  - a. The two other holes on the hinge will overlap the door jamb. The anchoring screws will attach the hinge to the door jamb through the open holes.
12. Install and tighten the set screws to secure the hinges to the door jamb.



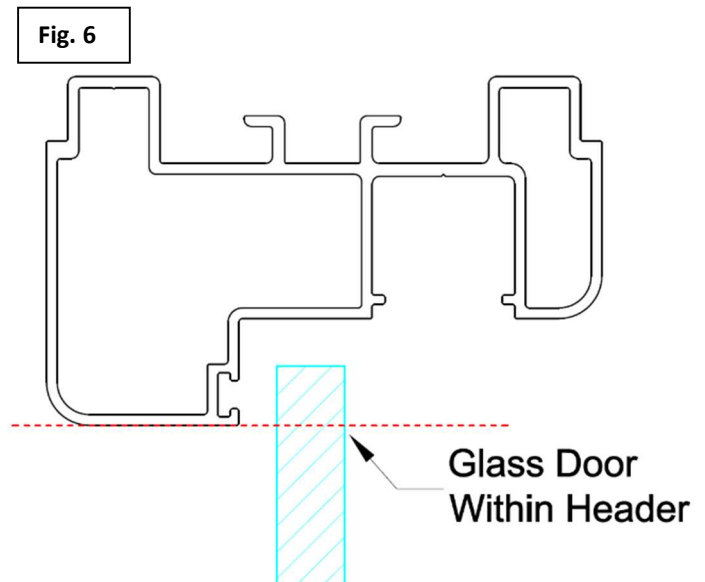
# Nxtwall Installation Instruction

## Flexa Hinge Installation: Adjusting Door Height

The door height calculation allows for a 1/2" gap between the bottom of the door and the floor and a 1/4" gap between the top of the door and the inside of the header.

13. Loosen the set screws to allow the door to move up and/or down on the door jamb.
14. Place the door on shims to create a gap at the floor.
15. Tighten the set screws to secure the door.
16. Operate the door to make sure there is clearance at the floor and the door is within the header at the top of the door.

**\*\*Note:** If the set screws cannot hold the weight of the door to allow the door to be operated for testing, set the door on shims at the height needed and run the anchoring screws to secure the hinges to the door jamb. Hinge anchoring details on the next page.



# Nxtwall Installation Instruction

## Flexa Hinge Installation: Anchoring Hinges

With the door set at the correct height the anchoring screws can be installed.

17. Pre-drill holes into the door jamb through the holes in the hinge using an 1/8" drill bit.
18. Attach the hinge to the jamb using the 1" attaching screws.
19. Repeat process for the other hinges on the door.

**Installation Complete**

Fig. 7

