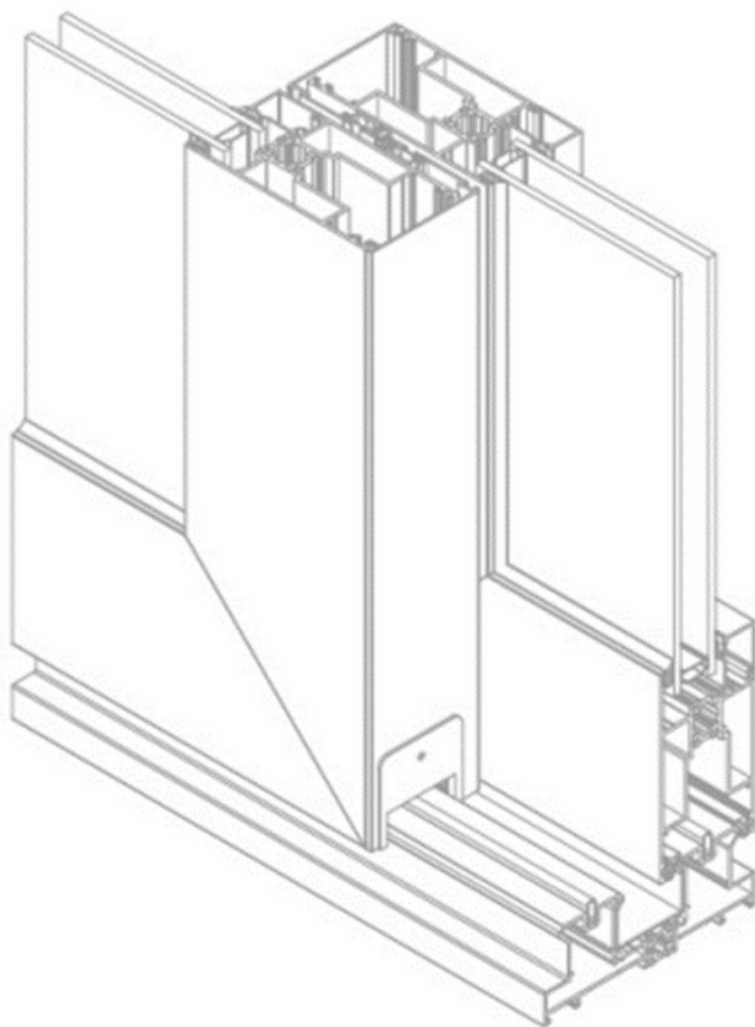


Installation Guide

Lift and Slide Door

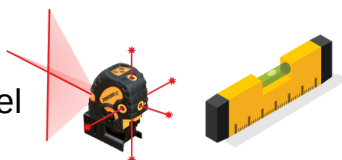


OVERVIEW

This guide will help you install your new lift-and-slide door system and assess possible problems.

The following tools will be required for the correct installation of your lift-and-slide door system:

- Spirit Level or Laser Level



- Tape Measure



- Drill/Driver



- Assortment of Glazing Packers and Packing Shims



- Glazing Paddle (optional)



- Hammer



- Rubber Mallet



- Suitable Fixings for securing the frame to the opening

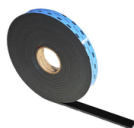


- Glass Suction Pad Lifter



- Polyurethane Construction Foam

- Double Sided Spacer Tape



- Silicone Adhesive



Installation Guide

1. Checking the Opening

1. Make sure that the ground where the installation will be made is clean of any outside elements. Also make sure that the designated opening for the installation is approx. 10mm larger than you lift and slide system in width and height.

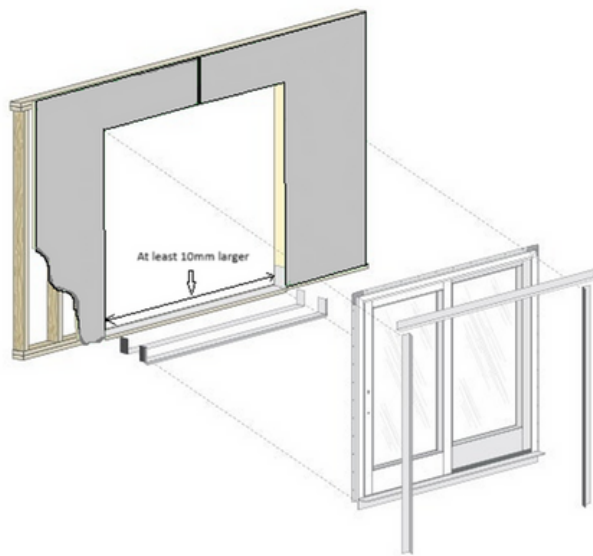
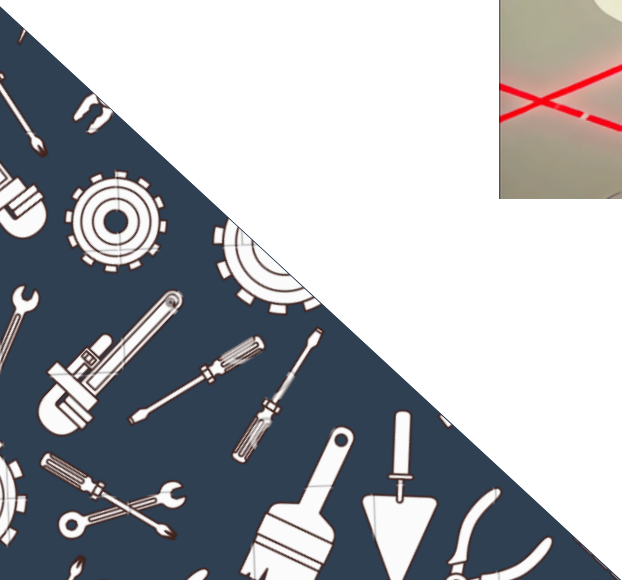


Fig 1

2. Make sure the floor is completely flat by using a laser level or a spirit level.



Fig 2



Installation Guide

1. Checking the Opening

3. Mark the area where the system will sit and make sure that the floor markings and the ceiling markings are aligned.

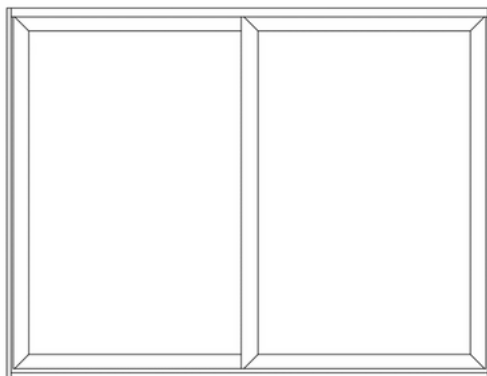


Fig 3

4. **(Optional)** If you are mounting your lift and slide system to be flush with the floor, make sure your drainage paths line up with the drainage vents on the door.

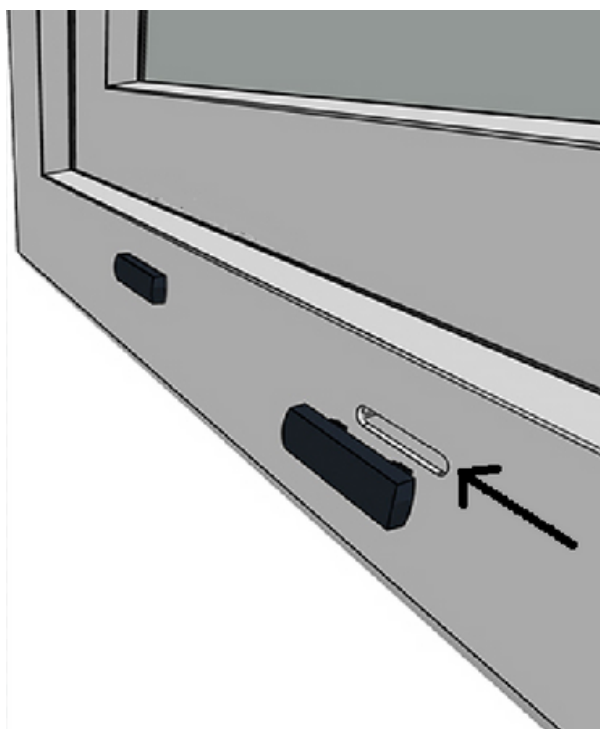


Fig 4



Installation Guide

2. Installing the Outer Frame

1. Cover the outside of the frame with double sided spacer tape.



Fig 5

2. Before the frame gets fitted in to the opening, place adjustment blocks. The horizontal blocks need to be 30 centimeters away from each other and the vertical block need to be 15 centimeters from the corner as depicted in Fig 6. Then place the lift and slide system onto the marked area and measure with a level to make sure the frame sits where it's supposed to. Then measure the two diagonals of the frame and make sure they are equal.

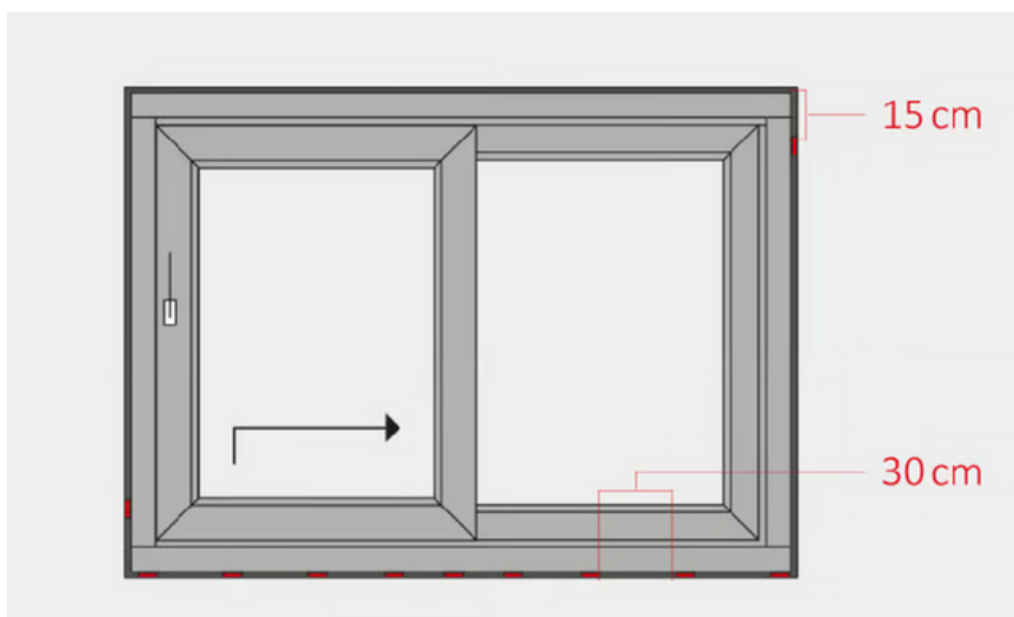


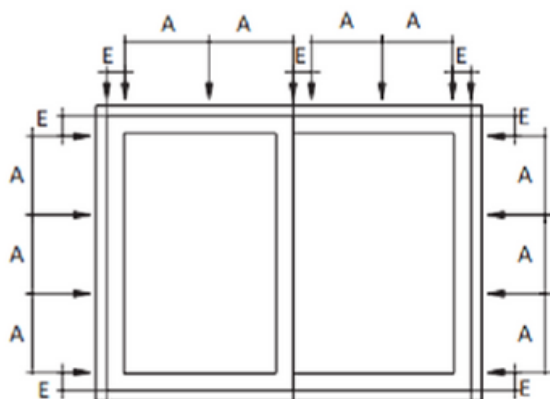
Fig 6



Installation Guide

2. Installing the Outer Frame

3. Mark out the spots where the frames need to be screwed in (Fig 7,8,9). Follow the guidelines as depicted in Fig 7, the vertical screws will be placed behind the gaskets, in order to screw in the verticals, lift the gasket slightly and screw the piece in place, then place the gasket back into the socket. The upper screws will be placed as depicted in Fig 9. If your system contains more than 1 moving sash, place the screws of the vertical sides of the frame in a staggered configuration as depicted in Fig 8.



A = Distance between each other 700 mm
E = from the inner corner 150 mm

Fig 7



Fig 8



Fig 9



Installation Guide

2. Installing the Outer Frame

4. Fill the part that is between the frame and the wall with polyurethane construction foam, make sure that the foam overfills the areas for a tight and secure connection.

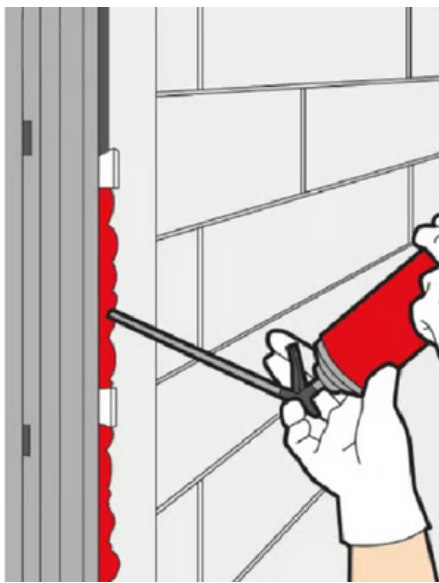


Fig 10

5. Once the expanding foam dries, trim off the excess.



Fig 11



Installation Guide

3. Installing the Sashes

1. Put the sashes in place, start with the upper rails and once it is in place, slide the lower half in. Make sure that the sashes are sitting flat by taking measurements from the bottom and the top parts of the sash. If the measurements indicate that the sash is not sitting flat, please refer to the possible problems section.

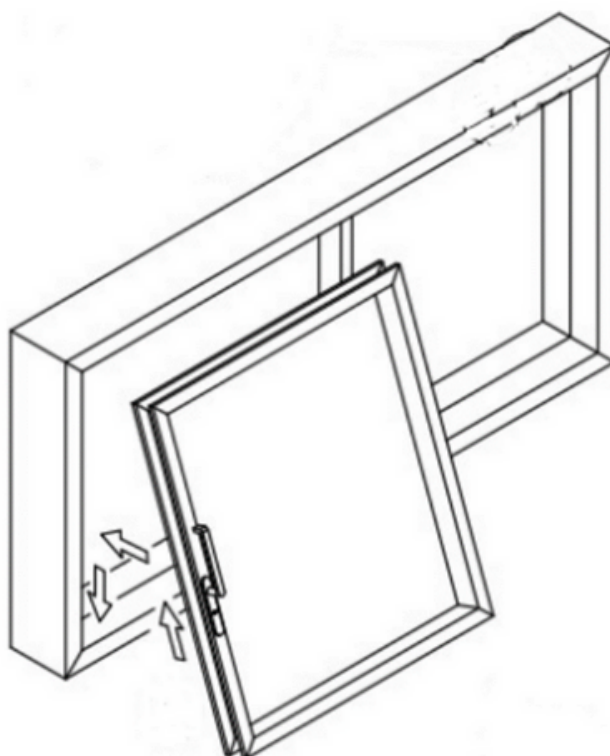


Fig 12



Installation Guide

4. Installing the Glasses

1. Remove the glazing beads before setting the glass in place. Place glass support packers and spacer packers 5 cm in from the corner (Fig 13), use silicone adhesive to fasten the packers in place.

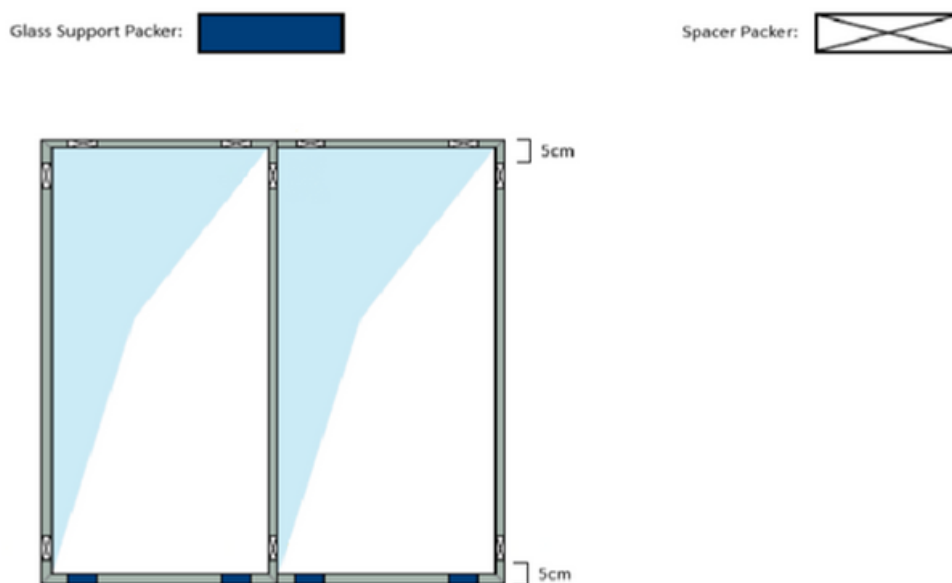


Fig 13

2. Place the glass in place, and wedge shims on all sides to secure the glass in place.

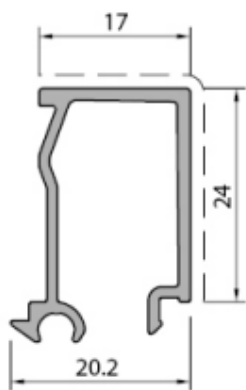
Note: The glass unit should not stay inside or protrude from the general edges of the sash, if this is the case it should be supplemented with additional packers.



Installation Guide

4. Installing the Glasses

3. Once you are sure the glass is aligned and sitting well, put the upper and lower glazing beads (Fig 14) back in place.
4. Put the vertical glazing beads back in place as well.
5. Place the gaskets so they sit flush with the glass, if you have trouble securing the glass in place during this, you can wedge shims to push the glass back (Fig 15). Make sure the gaskets are cut 1-2 percent larger than the exact measurement to combat any shrinkage from weather conditions. If the gasket sits short when placed, do not try to stretch it, start over and cut a new one.



Cross-Sectional View of a Glazing Bead

Fig 14



Fig 15

6. Make sure the rails on the frame and the rollers on the bottom of the sash are free of any outside elements, you can wipe them and clean them with WD-40.



Installation Guide

Possible Problems and Solutions

- **The locks aren't engaging correctly.**

Check that the frame is plumb and level.

Check that the glass is correctly packed.

- **The glazing bead does not fit.**

Check the thickness of the glass and compare it with specification, also check if there is any damage on the sash and the glazing bead.

- **The sashes do not slide smoothly.**

Clear the track of any outside contaminants as instructed at the end of the manual.

Check that the head rail is not bowed up or down.

- **Water collects in the track.**

Clear any blockages from the drainage holes.

- **The sashes are not correctly aligned.**

Adjust the rollers with the screws to alter its' height and align the sashes with the frame.



