



XS-ALU MODULUSZ 50 SLIDING DOOR

Installation instructions



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LIST OF REQUIRED TOOLS



Electric screwdriver



F-Clamp



Knife



Level



Tape measure



Rubber mallet



Screwdriver



Silicone caulking



Soap water



Suction cup



Piece of wood



Plastic Distancers



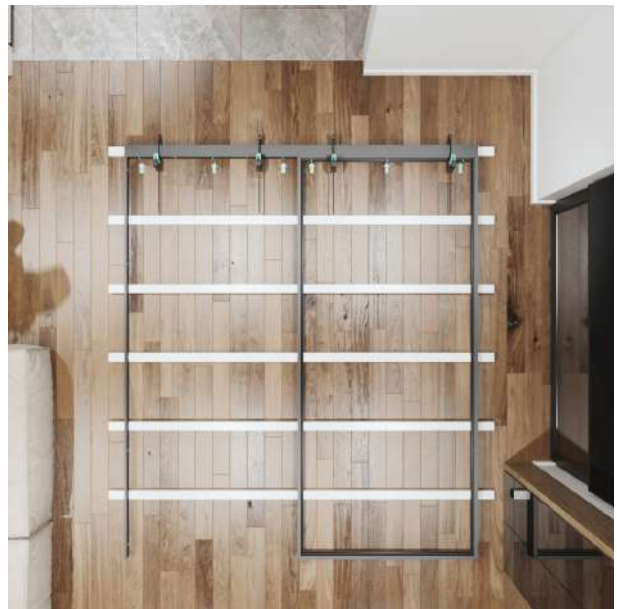
Before installation, check the wall opening for the door frame. The wall's opening must be square, level and plumb as on approved shop drawings – to ensure an easy installation process.



Carefully lift the frame from the package and place the door on a soft surface or wooden board. The frame is aluminium – please handle it with extreme care.



Secure the reinforcement profile tightly to the top using clamps. After they are positioned correctly, screw them together.



Use the image as a guide and secure the structure with screws, positioning each one in its pre-drilled holes.



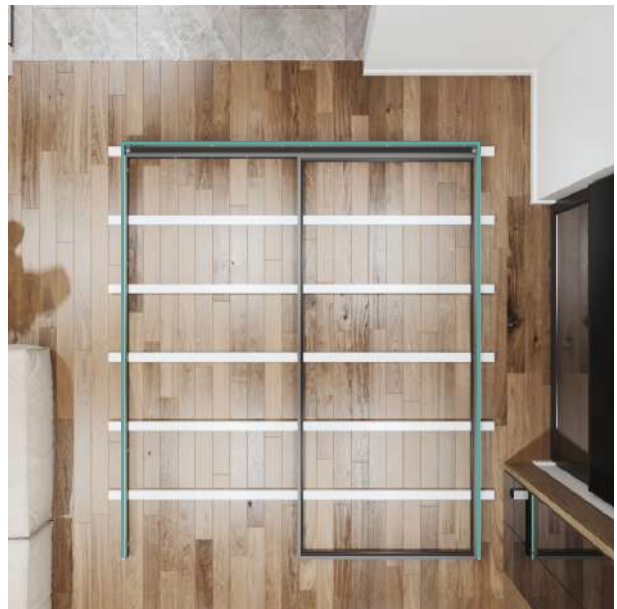
Secure the track base profile firmly to the top surface by fastening it with screws.



Use the image as a guide and secure the structure with screws, positioning each one in its pre-drilled holes.



If you use expanding gasket, attach it to the outer sides of the frame.



Follow the image provided and attach the expanding gasket to three sides.



Lift the frame and position it into the wall without screws. Use non-metal wedges to fix it. Make sure that the structure is level and plumb.



Loosen the wedges on both sides of the frame to adjust the screw shown in the picture. There should be a $10\pm 5\text{mm}$ gap between the opening and the side door frame.



If the gap is more significant than the screw can adjust, put extra underlay. Use a hex key to adjust the aperture. Make sure that the frame is level and plumb.



Using a screw driver, make a hole into the wall through the pre-drilled holes.



Secure the frame by screwing it to the wall.



Apply a small amount of silicone caulk to the inner side of the frame.



Secure the covering profiles to the inner side of the frame following the next picture.



Begin by positioning the profiles to the sides and then proceed to the top, as illustrated in the image.



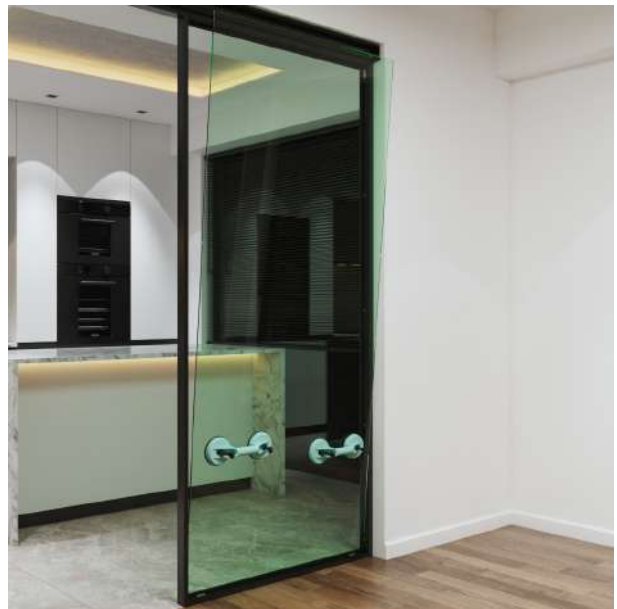
Insert the glazing blocks. Fit the rounded side into the frame, then push it down slightly to fit in place.



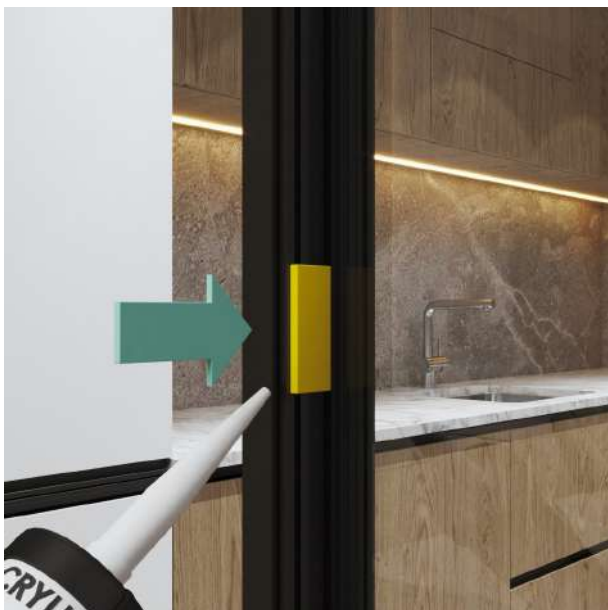
The placement of glazing blocks is essential, place four pieces as shown picture.



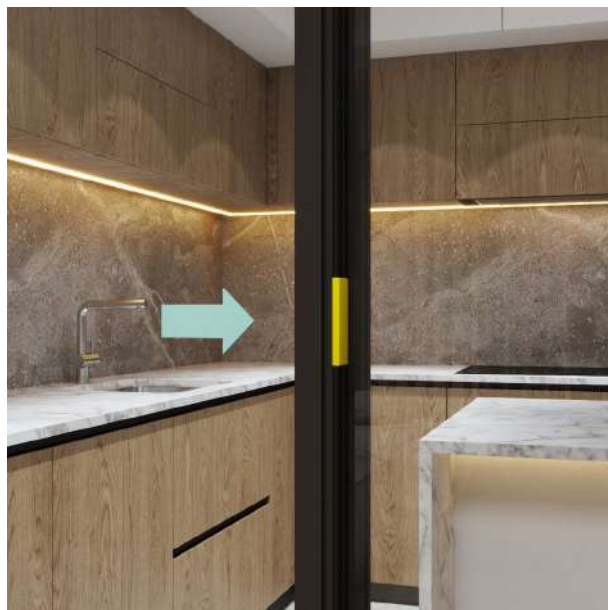
For vertically placed glazing blocks, make sure, that the blocks don't slide down. Use silicone if necessary.



Never put the glass on a hard surface. Clean the glass, place glass suction cups on it and position it into the frame, on top of the glazing blocks. Push the top of the glass into the frame at last.



Place a yellow plastic distance holder (4 mm) between the glass and the coupling frame with silicone caulking to secure it. This is to ensure the frame profile is not bending in the middle.



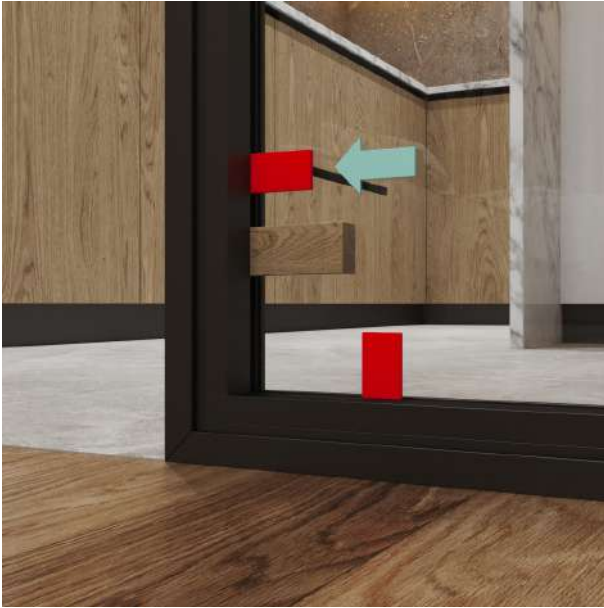
Push the profile slightly from the side to make sure that the silicone is pressed together.



Install the glazing beads around the glass on both sides. Put it to the frame at a slight angle and then push it down slightly until it clicks. First, snap in the top and bottom, and afterwards, the two verticals.



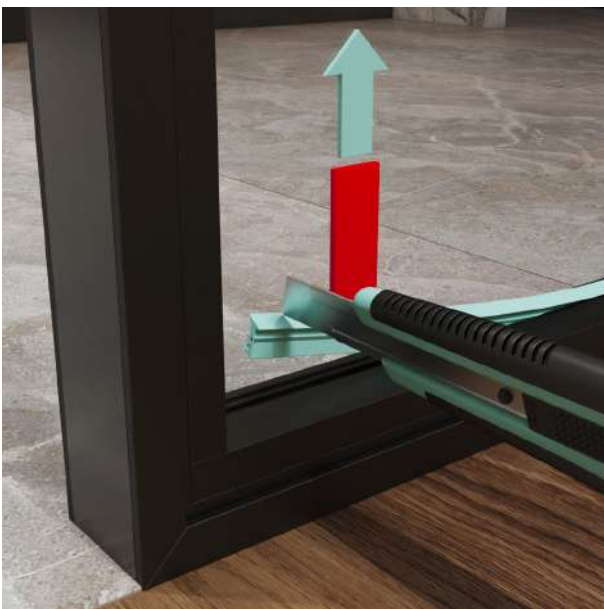
To ensure easy gasket insertion, secure the glass using non-metal wedge and then replace the wedge with a red plastic distance holder (3 mm).



Repeat the previous step on all corners.



Using soap water, insert the glazing gasket. Always start near the corner, near a plastic distance holder. Make sure to position the gasket with the lips touching the glass.



Cut the glazing gasket to the needed length, then remove the red plastic distance holder while inserting. The gasket may shrink in cold temperature, make sure you cut long enough piece.

Installing the door leaf:



Using a measuring tape, carefully position the set of bottom guides.



The bottom guides should be positioned 0-5 mm further inward than the inner side of the fixed frame, with a 50 mm gap between the frame and the end of the element, ensuring that it is placed parallel with both sides.



On the wall side, the bottom guide should be positioned 0-5 mm further inward than the inner side of the fixed frame, ensuring proper alignment and positioning.



Once the bottom guide elements have been positioned correctly, use their pre-drilled holes as a guide to create compatible holes in the floor.



Using a screwdriver, carefully secure the bottom guide elements in place.



Lift up then push the top of the door into the rail while making sure that the hinges on the top are positioned as shown in the picture.



Once the door is hanging on the rollers, tilt the bottom of the door carefully towards the frame.



By tilting the frame, make sure you stop before the bottom guide, try not to hit it.



After the leaf is aligned as shown on picture, grab the two vertical profiles of the leaf in the middle with both hands and start lifting vertically.



While lifting the frame push it inwards to align with the bottom guides until you reach the fixed frame.

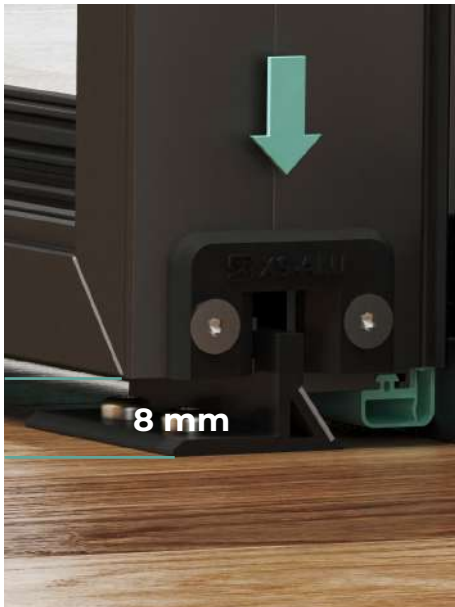


Once the door frame is properly positioned, lower it back on top of the bottom guide.



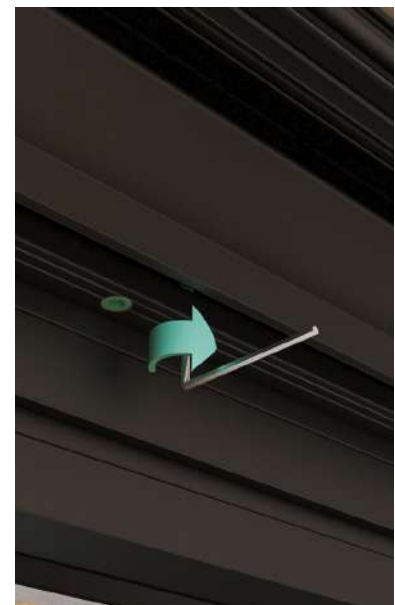
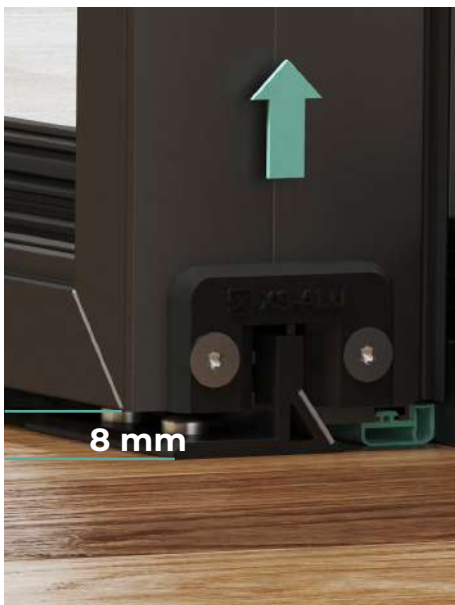
Close the door to check alignment. Follow the next steps to adjust the door as needed to ensure that it slides smoothly and evenly along with the track.

Height adjustment of the door leaf:



Height adjustment (↓)

There should be 8 mm between the bottom side of the door leaf and the floor. If light comes through in closed position, the gap is too much, therefore a minor adjustment downwards is necessary. Open the door, at first, release the fixing screw, then release the adjustment screw then strengthen the fixing screw. Follow these steps at each screw located at the top of the inner side of door frame.



Height adjustment (↑)

There should be 8 mm between the bottom side of the door leaf and the floor. If the bottom leaf seal is squeezed as shown in the picture, a minor adjustment upwards is necessary to open the door easier. To adjust the door leaf, open the door first, then strengthen the adjustment screw and finally the fixing screw. Follow these steps at each screw located at the top of the inner side of door frame.

Horizontal adjustment of the door leaf:

To ensure proper alignment between the frame and the door leaf, it may be necessary to make a slight horizontal adjustment. At first, locate the adjustment bolts on the track of the door.



Horizontal adjustment (←)

If there is a gap, please follow these steps: You can adjust the horizontal position of the rail by turning the adjustment bolts as shown on the picture. First, release the adjustment bolt at the gap-side, then strengthen the adjustment bolt at the other side. Finally, close the door to see if the adjustment was successful. If not, make further adjustments until the gap disappears.



Horizontal adjustment (→)

If there is a gap, please follow these steps: You can adjust the horizontal position of the rail by turning the adjustment bolts as shown on the picture. First, release the adjustment bolt at the gap-side, then strengthen the adjustment bolt at the other side. Finally, close the door to see if the adjustment was successful. If not, make further adjustments until the gap disappears.

Adjustment of the dampener:



If your door is closing loudly, please adjust the door dampener. Follow these next steps:



Locate the dampener at the top of the sliding door. Turn the hex nuts as shown, to increase the dampener's resistance. (Or by positioning them closer to the rollers)



Close the door to see if the adjustment works. If not, make further adjustments until the desired level of resistance level is achieved.

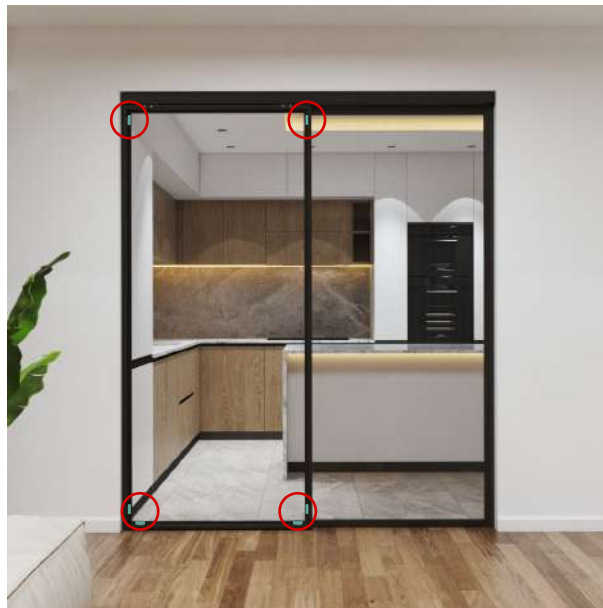


Place the cover profile at the top.

Glazing the door frame:



Insert the glazing blocks. Fit the rounded side into the frame, then push it down slightly to fit in place.



The placement of glazing blocks is essential, place four pieces as shown picture.



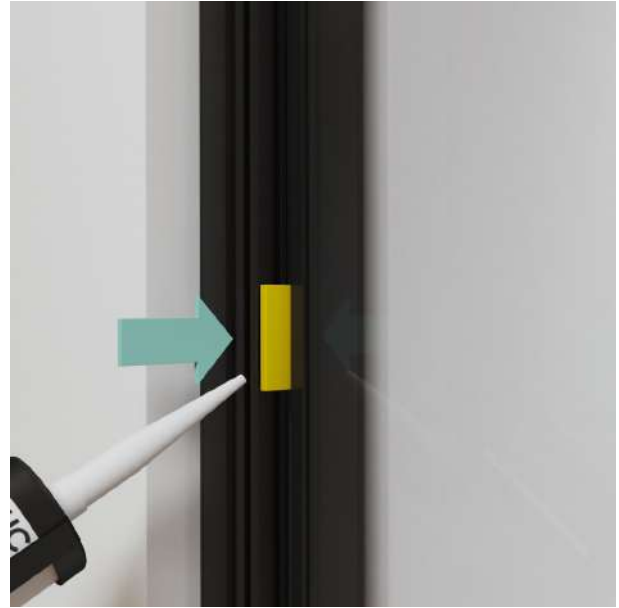
For vertically placed glazing blocks, make sure, that the blocks don't slide down. Use silicone if necessary.



Never put the glass on a hard surface. Clean the glass, place glass suction cups on it and position it into the frame, on top of the glazing blocks. Push the top of the glass into the frame at last.



To ensure proper installation, it is necessary to place two yellow plastic distance holders (4 mm) as shown on the provided picture.



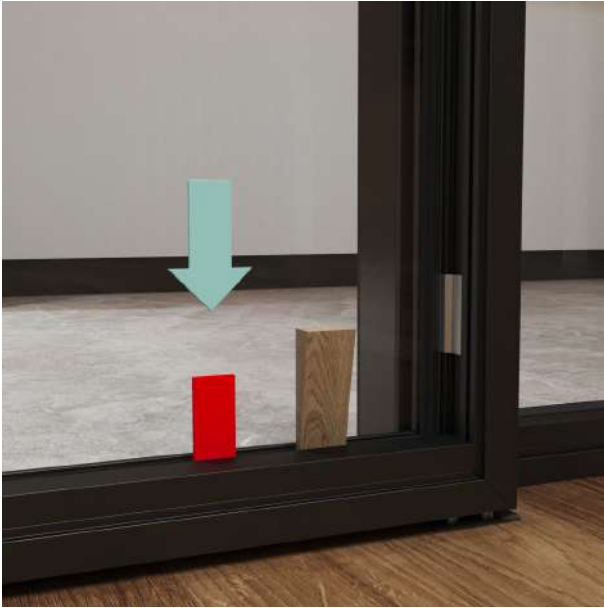
Place a yellow plastic distance holder (4 mm) between the glass and the coupling frame with silicone caulking to secure it. This is to ensure the frame profile is not bending in the middle.



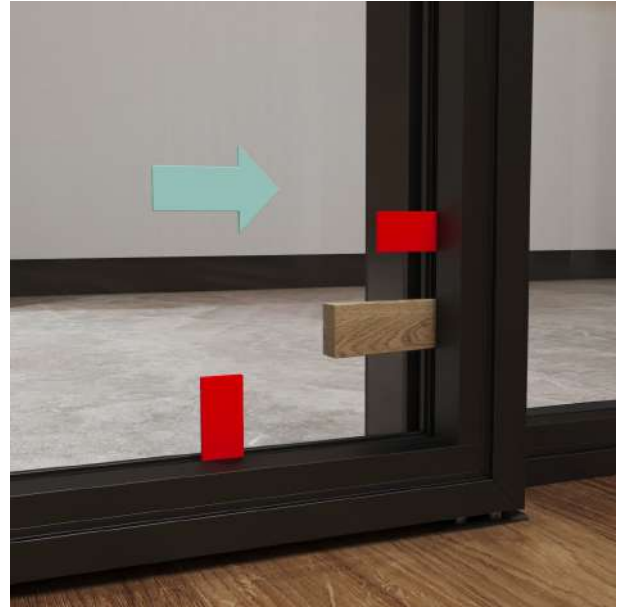
Push the profile slightly from the side to make sure that the silicone is pressed together.



Install the glazing beads around the glass on both sides. Put it to the frame at a slight angle and then push it down slightly until it clicks. First, snap in the top and bottom, and afterwards, the two verticals.



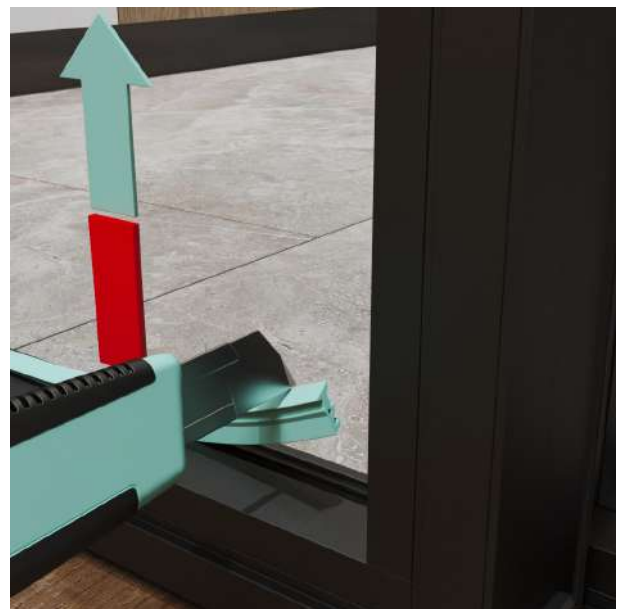
To ensure easy gasket insertion, secure the glass using non-metal wedge and then replace the wedge with a red plastic distance holder (3 mm).



Repeat the previous step on all corners.



Using soap water, insert the glazing gasket. Always start near the corner, near a plastic distance holder. Make sure to position the gasket with the lips touching the glass.



Cut the glazing gasket to the needed length, then remove the red plastic distance holder while inserting. The gasket may shrink in cold temperature, make sure you cut long enough piece.

Installing glazing bars (optional):

Note: It is recommended to clean the glass surface prior to installation for best results.



To install glazing bars, please follow these steps: Carefully remove the protective paper from the two-sided adhesive tape on the glazing bars.



Position the glazing bar onto the glass surface, ensuring that it is aligned correctly then firmly press the glazing bar onto the glass to provide a secure bond.



Optionally, you can secure the glazing bars using silicone sealants.

Installing handle (optional):



To install the handle, at first, carefully remove the protective paper from the two-sided adhesive tape on the handle.



Position the handle onto the glass surface, ensuring that it is aligned correctly, then firmly press the handle onto the glass to provide a secure bond. Repeat the steps on the other side, at the same position.



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