



# **REVOLVING DOOR**

## **USER MANUAL**

### **GLASS INSTALLATION**

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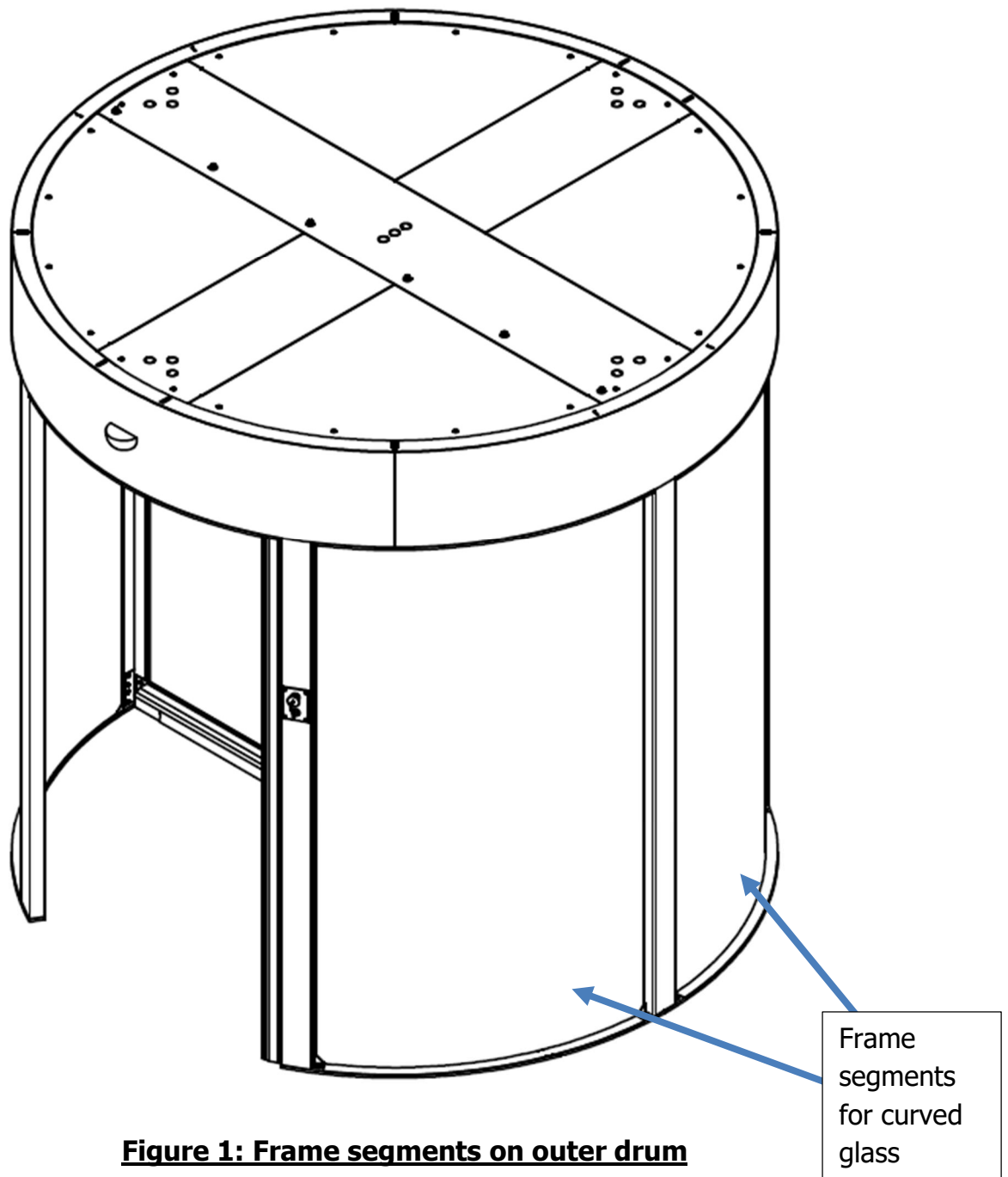
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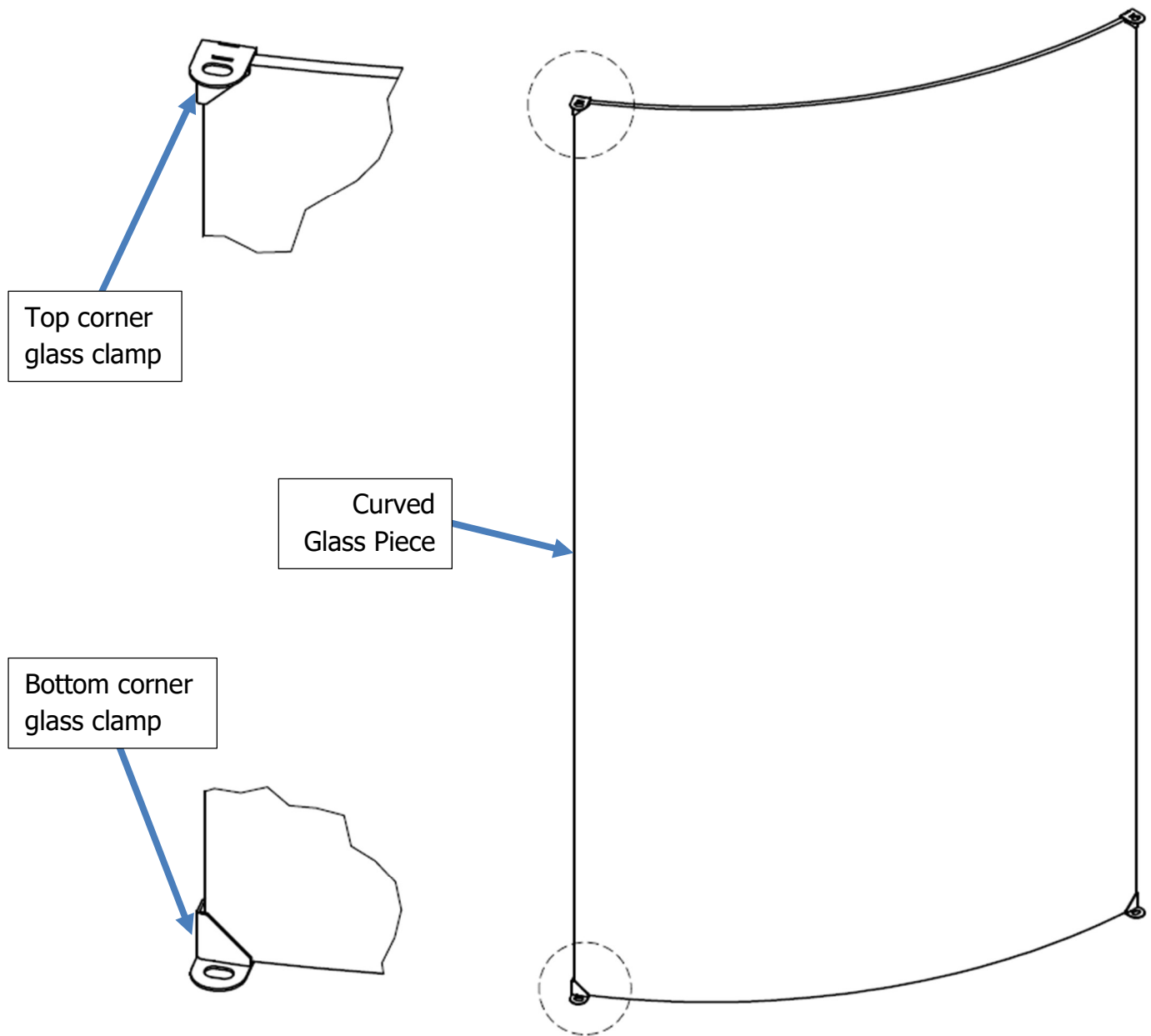
## **1. FOREWORD**

- 1.1. This manual explains how to install the curved glass on the outside drum of the revolving door.
- 1.2. The glass must be spaced up with rubber to maintain even gaps between the glass and the frame.
- 1.3. The glass will be finally secured by putting silicone all around to fill the gaps between the glass and the frame.
- 1.4. The glass is held in four corners by positioning clamps prior to putting the silicone.

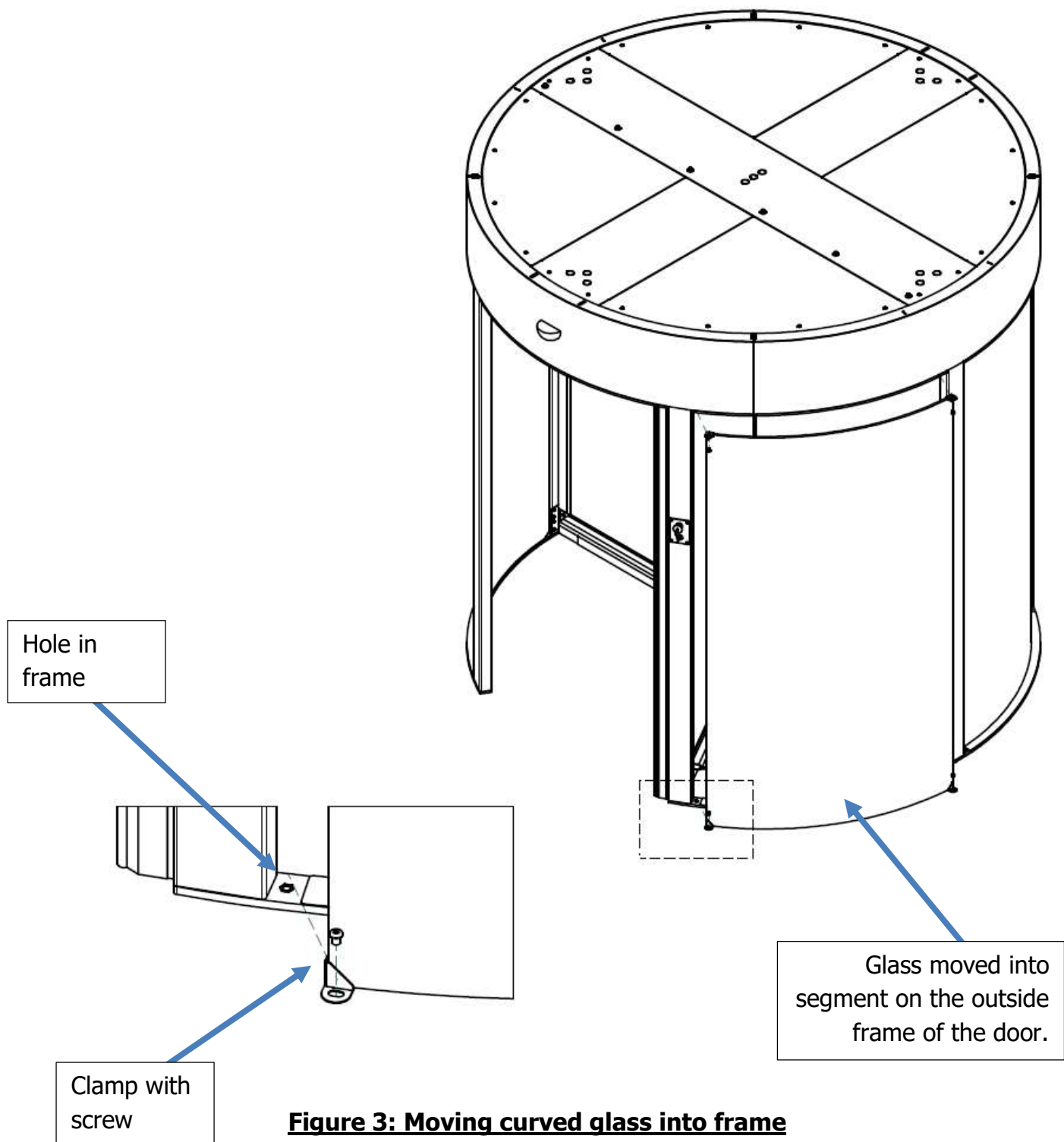
## **2. INSTALLATION STEPS**

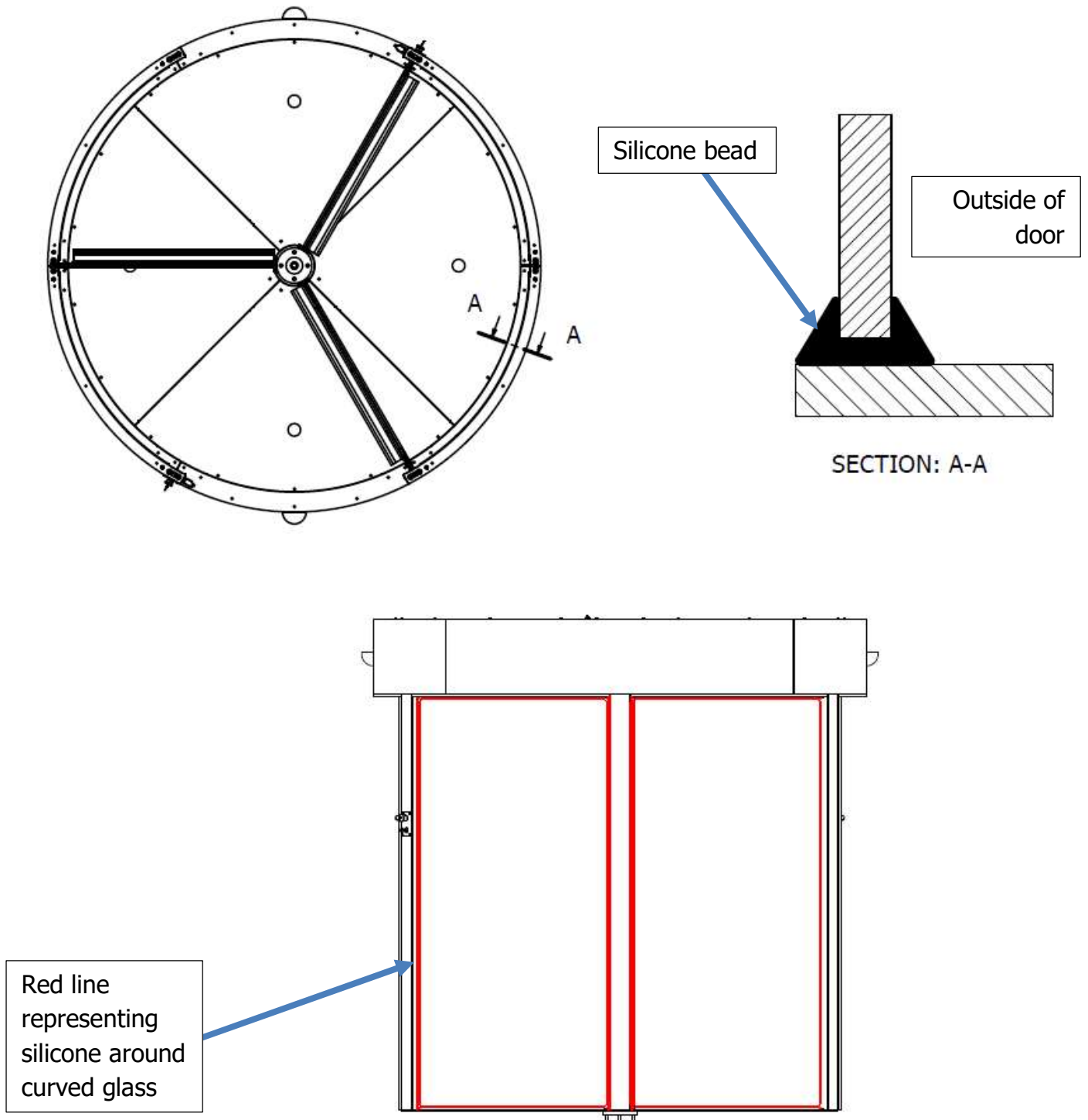
- 2.1. Proceed only after the door assembly is completed and installed, and the rotor has been installed and tested. Ensure the anchor cover plates on the outside drum have been placed.
- 2.2. Ensure the drum frame is clean and free from moisture and dirt.
- 2.3. There are four glass corner clamps per frame segment of the rotor drum. There are four frame segments. There will be sixteen glass corner clamps in total. *(Figure 1: Frame segments on outer drum)*
- 2.4. Place 4x off Glass corner clamps on the corners of the curved glass piece. The clamps need to have either silicone or rubber sandwiched between the plate and glass, to prevent cracking on the corners of the curved glass piece. *(Figure 2: Corner glass clamps)*
- 2.5. Move the glass with the corner clamps into the frame from the outside. Align the clamps with the holes in the top and the bottom. Use the provided screws to fit the clamps to the frame. *(Figure 3: Moving curved glass into frame)*
- 2.6. Use rubber spacers to even the gaps around the glass edges and the frame to be equal.
- 2.7. Put silicone to fill the gaps between the glass edges and the frame and finish neatly. *(Figure 4: Silicone around curved glass)*
- 2.8. Leave silicone to dry as recommended before operating the door. The recommended duration is 2 days.
- 2.9. After silicone is dry, clean with water with a mild detergent if required.





**Figure 2: Corner glass clamps**





**Figure 4: Silicone around curved glass**