

Bedford Trade Frames

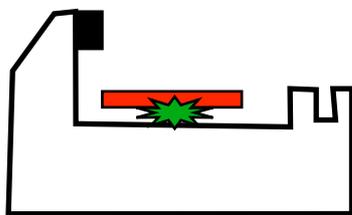
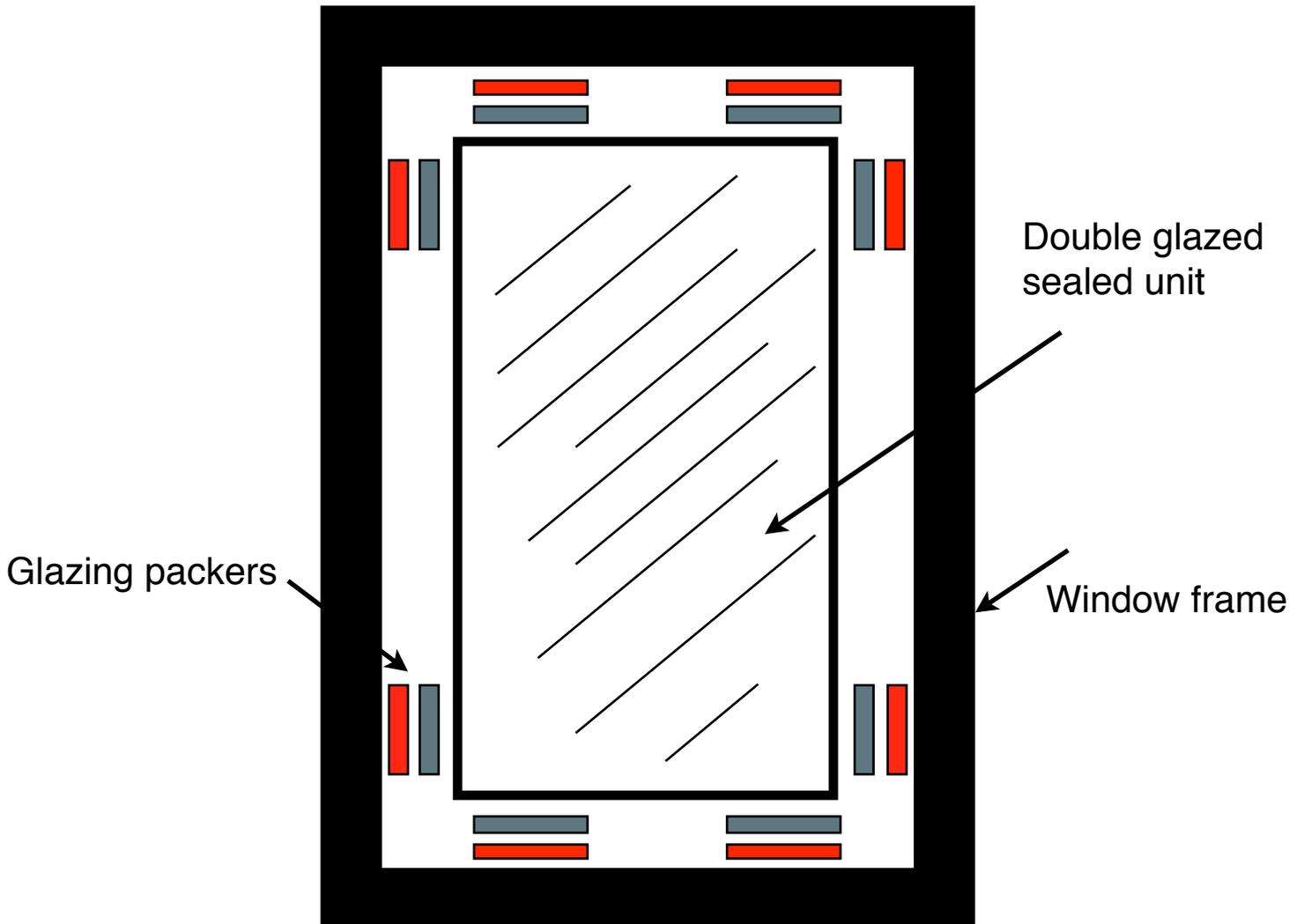
Glazing upvc and aluminium windows and doors

- It is very important to glaze your sealed units into the frames correctly as failure to do so will shorten the life of the sealed unit and also void the warranty given on the double glazed units.
- We recommend using 32mm glazing packers to glaze a 28mm double glazed sealed units into our products. This size of glazing packer will make sure that both pieces of glass will have the correct support to the top, sides and bottom of the sealed unit within the glazing chamber.
- We recommend that any glazing packers are secured in place using clear silicone as this will stop the glazing packers moving or dropping out of position due to vibration when the windows or doors are opened or closed.
- Upvc and aluminium windows and doors are generally glazed using the same rules to give long lasting results and correct performance.
- In our experience the most common reason for windows and door to function incorrectly is found to be due to incorrect glazing procedures.
- Tools needed for safe glazing are:

Glazing shovel, Silicone gun, Moon Knife, Clear Silicone and various thickness 32mm Glazing packers

Glazing a fixed pane or top opener of glass

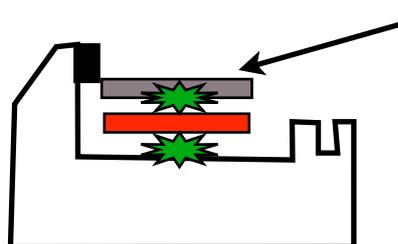
When glazing a fixed pane of glass there should be glazing packers to all sides to secure the sealed unit in the center of the glazing chamber.



Firstly position the eight 4mm packers (shown in red)  to all 4 corners of the glazing chamber as shown. Glue in place using clear silicone



Then position a second 4mm glazing packer on top of the first one already placed on the bottom of the glazing chamber.



A total of two 4mm glazing packers held in position with clear silicone.

With the two 4mm packers in position at the bottom of the glazing chamber you can now place the double glazed sealed unit into place on top of the packers.

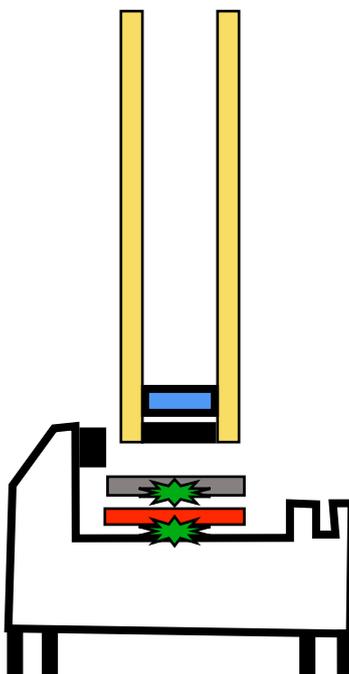
The rest of the packers can now be put into the glazing chamber to securely hold the glass central in the glazing chamber. Apply a small amount of silicone under the packers situated in the side so there is no chance they can slip out of the correct position.

The glazing beads can now be knocked into the window frame installing the shortest beads first.

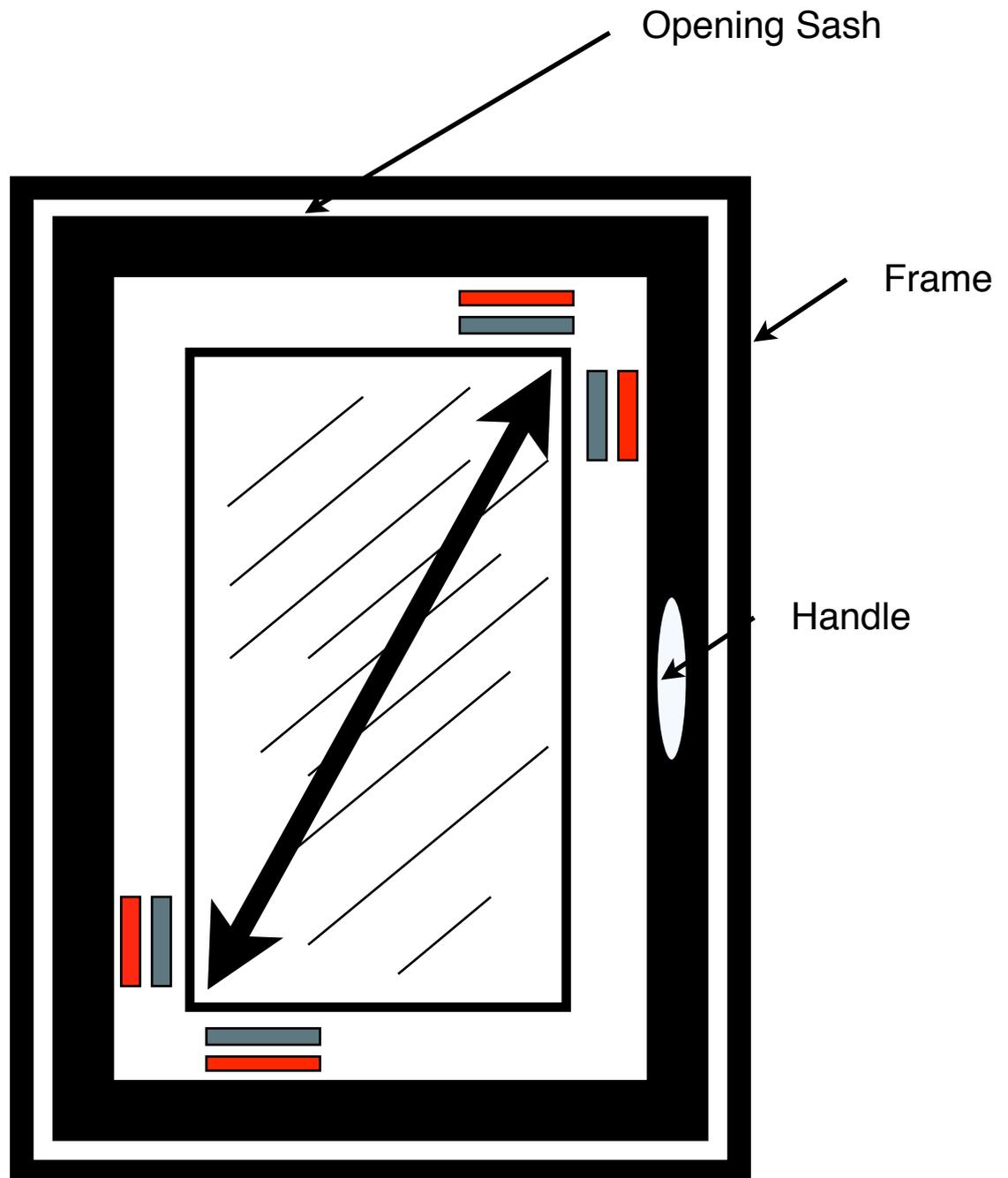
When sticking the glazing packers in position using clear silicone simply apply a suitable amount to hold the packers in place without it being visible and ousing out everywhere.

Always make sure that the glazing packers are supporting both skins of glass in every position.

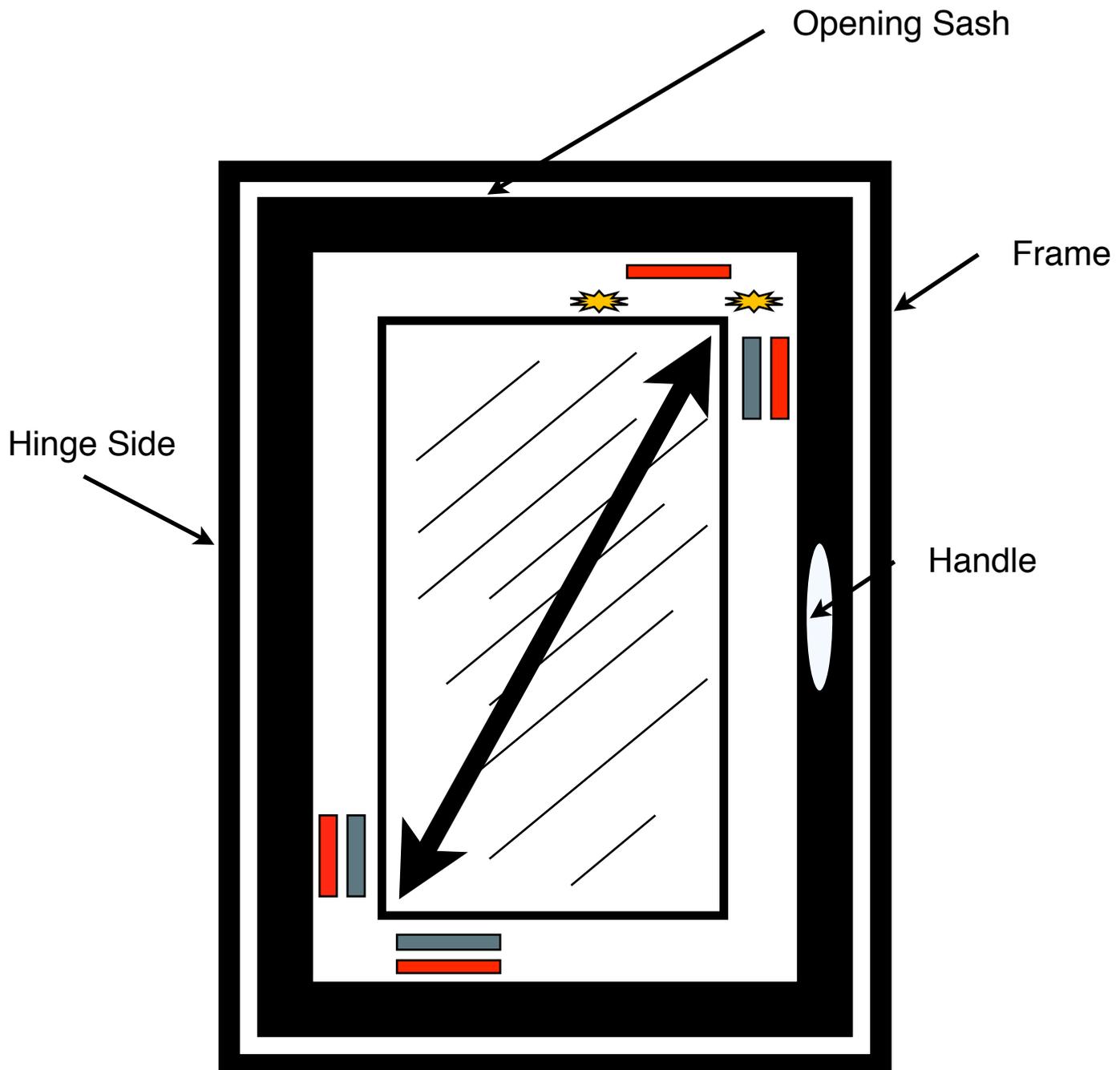
(Shown below)



Glazing a side hung pane of glass



When glazing a side opener on a window or a door you should use the same Glazing practice as a fixed panel but a process known as “Toe and Heel” is to be used first. In basic terms you are using the rigidity of the glass to keep the opening sash in a solid state of support to keep the opening sash as a rectangle and eliminating the possibility of dropping and becoming a parallelogram which will prevent the correct smooth operation of the opening sash.

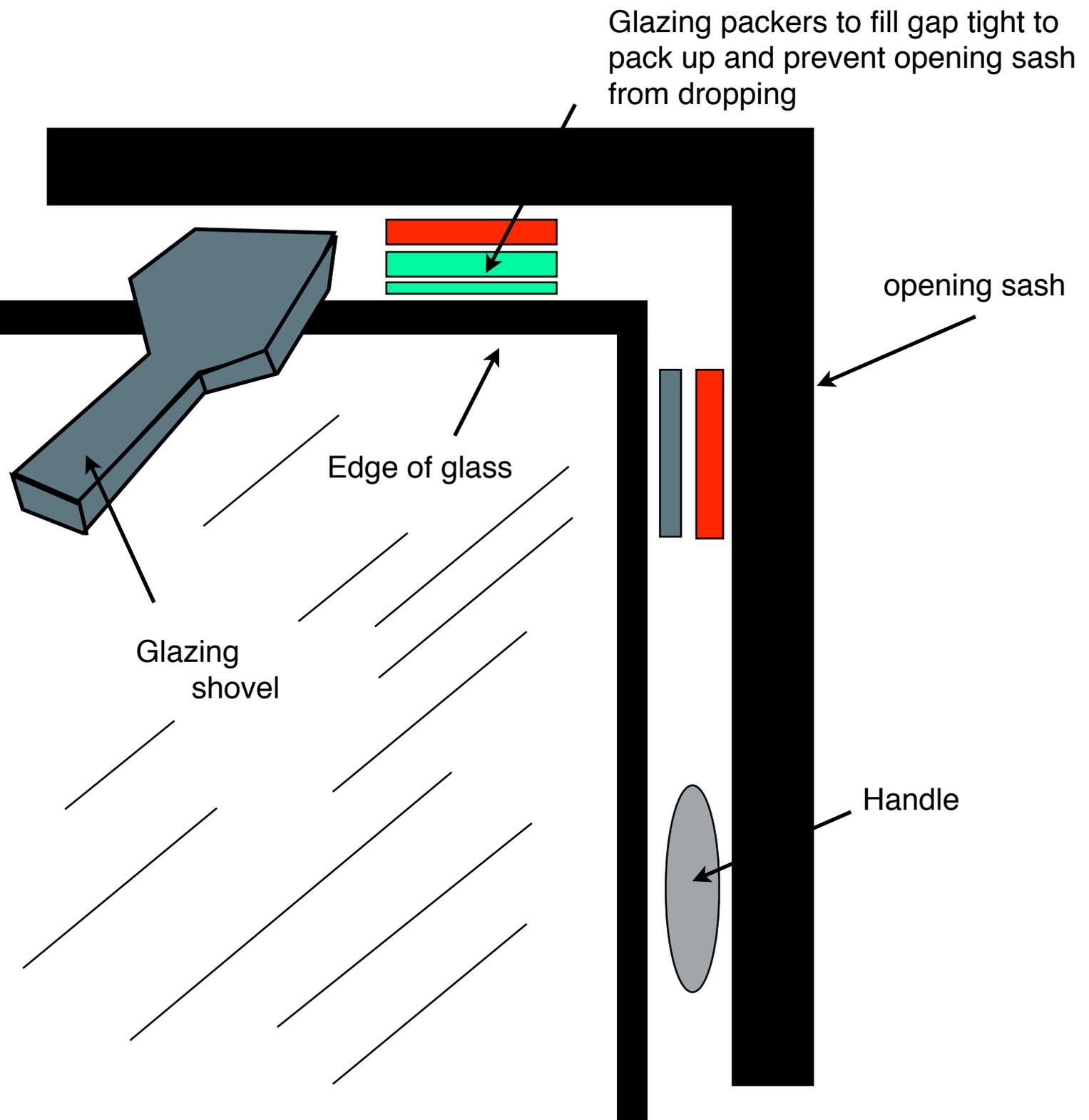


Firstly position and secure 8mm of packers to the bottom hinge side corner and the top handle side as shown above. Please note you are only to position one 4mm packer to the top handle side of the glazing chamber to allow enough clearance for the double glazed sealed unit to pass freely into the glazing chamber.

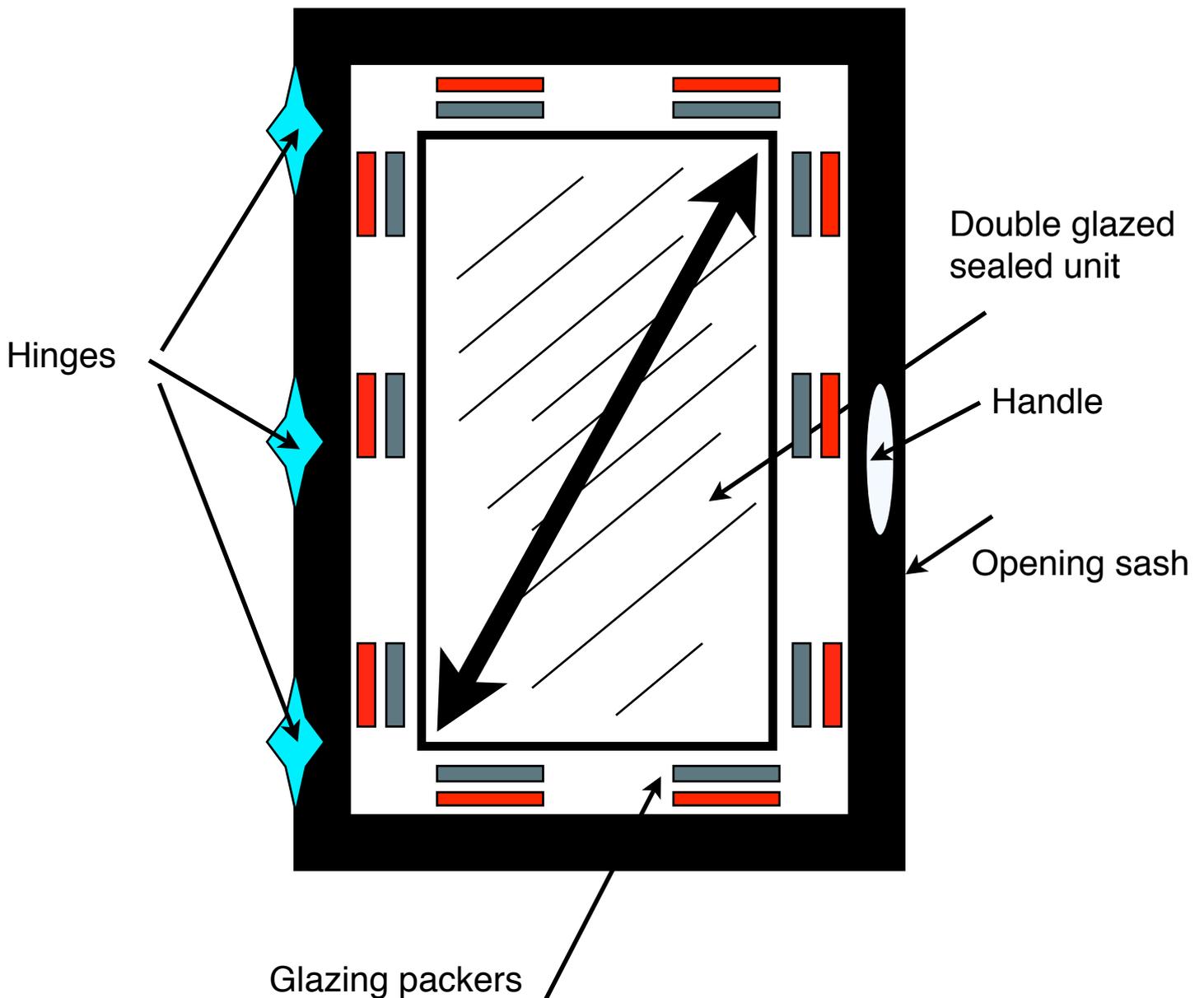
With all the packers in position you can now place the double glazed sealed unit into position.

With the double glazed sealed unit placed into position you can now use a glazing shovel to lift the opening sash to the required position of height by inserting the glazing shovel into the void at the top handle side of the glazing chamber between the top of the glass and the opening sash material.

Once the opening sash is sitting at the correct height you can now fill the void between the glass and the sash profile. (see diagram below)

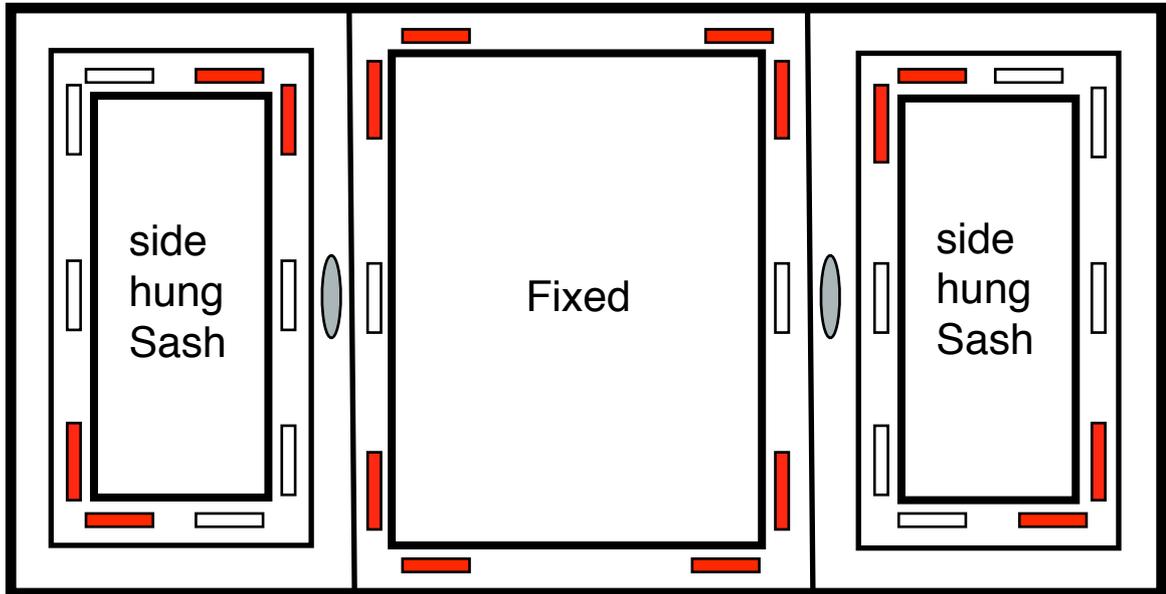


Once the correct supporting packers have been inserted to the top of the handle side of the glass and sash profile you must now secure the rest of the glazing packers into the glazing chamber to secure the double glazed sealed unit central in the opening sash. All the glazing packers should be secured with clear silicone to stop them from dropping out of position.



PLEASE NOTE: Double glazed units must be glazed as shown in these instructions to qualify for a warrenty With Bedford Trade Glass/Frames Ltd.

Here are some glazing examples for different designs of windows



Red packers are showing main support and white are showing filling space

