

STEP BY STEP GUIDE TO Site Installation of Side Light or Top Light

Pre installation check list

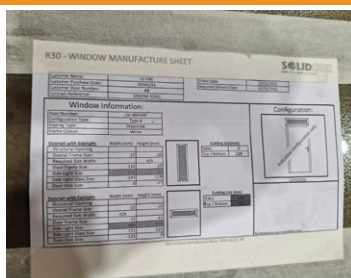
- Pre-made Top Light or Side Light.
- IGNIS Double Glazed unit (DGU) – Fire & Security – Fitted.
- Fixing screws 5 x 80 for Frame to Frame.
- 85mm or 150mm sill if required.
- End caps if there is a sill.
- 3-5 x 300ml Pyrostik Fire Resistant silicon for fire proofing. (Side lights x 5 tubes, Top lights x 3 tubes).
- V4 - Glazing clips (Side lights 8 x clips, Top lights 4 x clips).
- Fixing screws – 5mm x 38mm Pan Head (Side lights 8 x clips , Top lights 4 x clips).
- 3 and 5mm glazing packers will be in the window frame around the glass.

All Side Lights and Top Lights are pre-made and delivered to site with the Door Frames with the glass unit in them.

1. Preparing the side light

STEP 1

On arrival check you have the right window.



STEP 2

Carefully remove the glazing bead and put to one side.



STEP 3

The glass will sit in the rebate when the window is flat.



STEP 4

Mark out the positions of the packers, be careful not to mark the finished frame.



STEP 5

Remove the glass and packers from the window frame and store carefully.



SAFE TODAY SAFE TOMORROW

STEP BY STEP GUIDE TO Site Installation of Side Light or Top Light

2. Fixing the window frame

Where the frame is joined to another frame or a door, it is important to check all details before starting. All details are in the doorset installation guide, and it is important to follow closely to guarantee the fire integrity and the certified approval.

Run a generous bead of fireproof Silicone mastic on both sides of the window frame that butts up to the door frame and insert the timber packer/alignment. The Timber will fit between the two corner plates and not on them. Holding the two frames together with clamps and fix with 5 x 80mm wood screws at max 600mm centres and starting from 100mm in from the corner.

The other side of the window and door frame can be fixed to the structure.

STEP 1



Inside the frame you will find some pre-drilled holes. Insert the dome head screws provided, leaving them approx. 2mm away from the frame so that the clips will slide on later.

STEP 2



Seal around the joint between the window frame and the door frame and screw into place.

STEP 3



Finish fixing the frame to the remaining structure as required.

3. Fixing the DGU into the frame

STEP 1



Measure the position of the glazing clip fixings

STEP 2



Mark them on the window previously removed, do not forget there is a gap of approx. 8mm around the glass.

STEP 3



The clips can now be fitted to the glass DGU (double glazed Unit) Top and sides only. The top clips will slide towards the outside of the window frame when securing the DGU. The side clips will slide down the frame when securing the DGU.

STEP BY STEP GUIDE HOW TO Site Installation of Side Light or Top Light

3. Cont... Fixing the DGU into the frame

STEP 4



Clean the rubber seal around the window frame to remove any possible grit or grease.

STEP 5



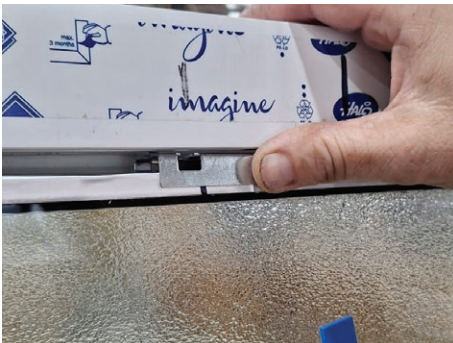
Put the bottom clips on the frame, slide in and then towards the outside of the window and place the packers into position.

STEP 6



Check the window is the correct way around, so the fire glass is on the inside and lift into place. Pyrobelite is the Fire Glass and is clear

STEP 7



Line up the glazing clips with the screw in the frame, and slide into place.

STEP 8



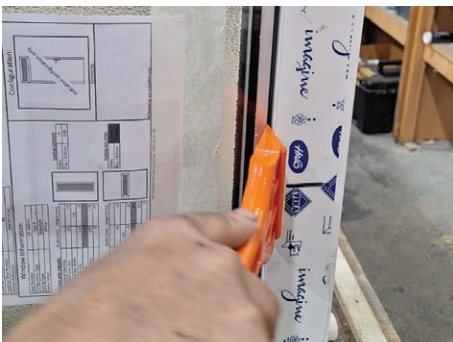
You may need to use a tool to slide the clips into place.

STEP 9



Check all clips are slid into place and secure.

STEP 10



Adjust the position of the DGU to centralise and leaving an equal gap all the way around.

STEP 11



Insert all the packers as originally supplied.

STEP BY STEP GUIDE TO Site Installation of Side Light or Top Light

3. Cont... Fixing the DGU into the frame

STEP 12



Fill gap with mastic to give a Fireproof and Air tight gap.

This guarantees that there is no air movement or flame of fire can escape in the event of an emergency.

STEP 13



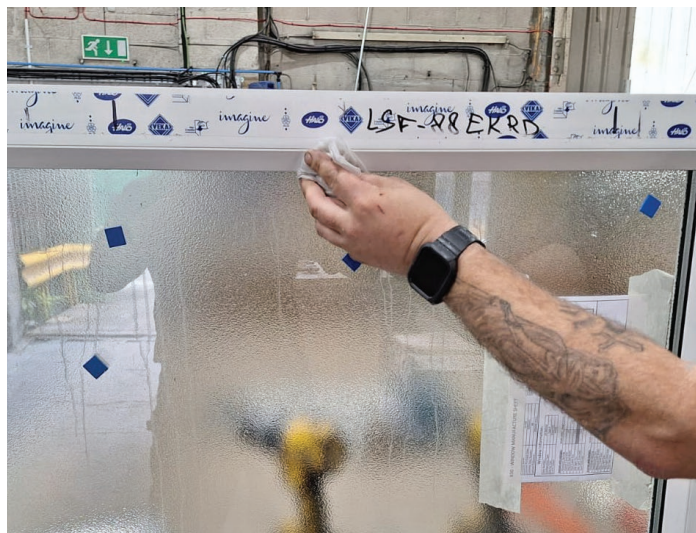
Starting with the shortest bead, wipe the rubber seal and tap the beads into place.

STEP 14



Complete all beads.

STEP 15



Clean around any excess mastic, film and labels and leave ready for the customer.