

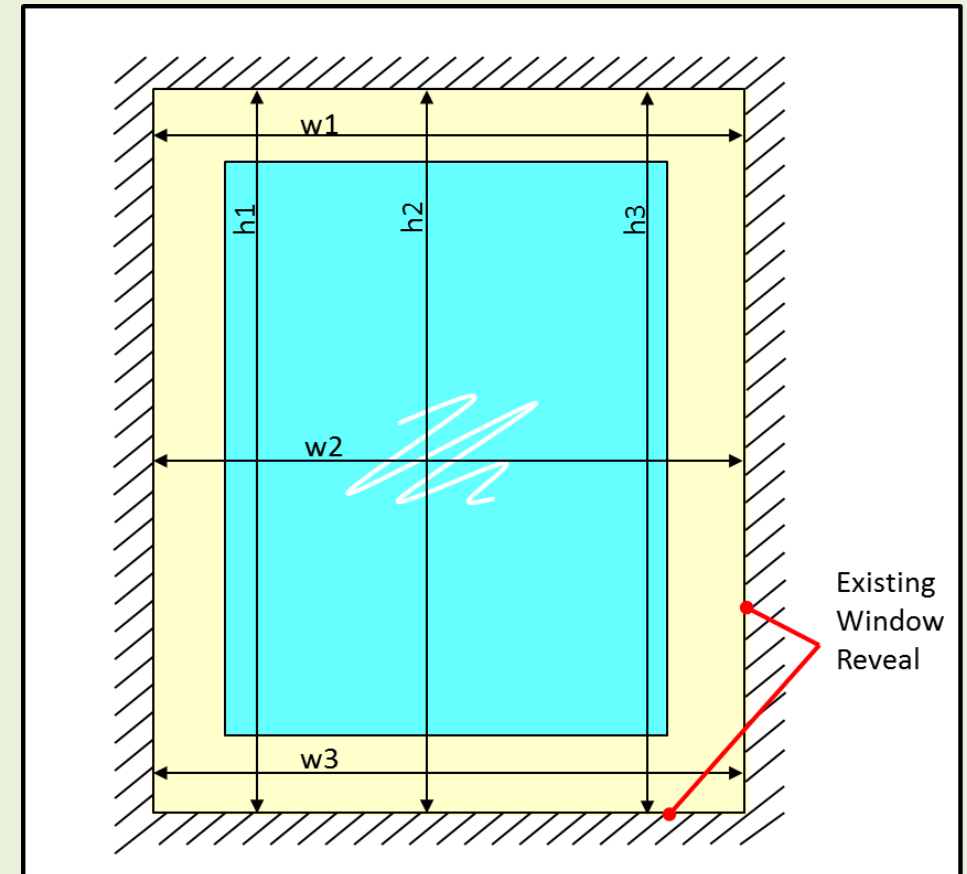
Tools/Useful Items:

Tool Description

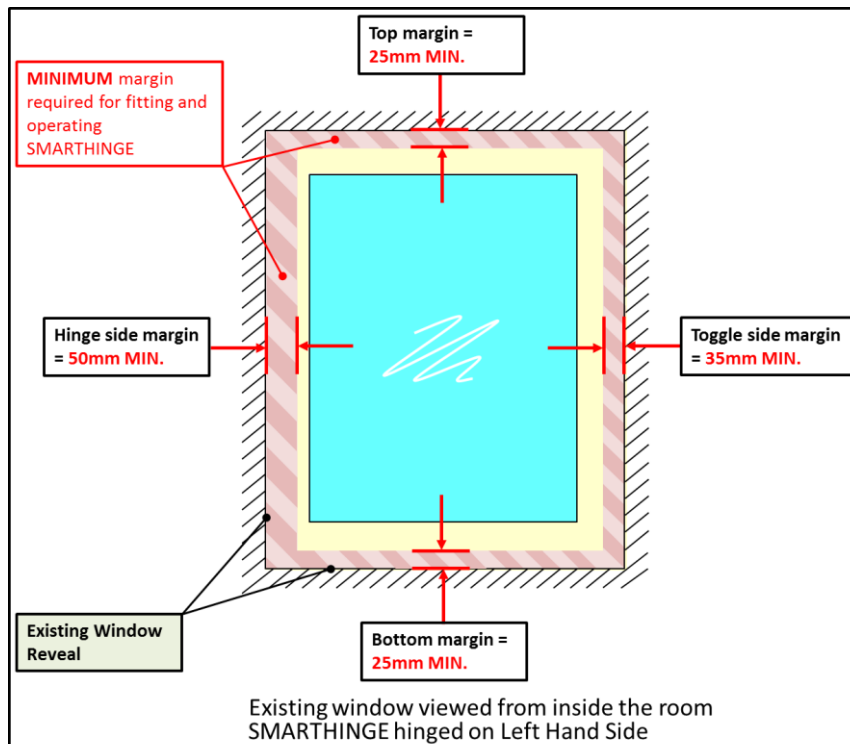
Cross Head 1PH (Philips Head No.1) screwdriver.
Hand (power drill)
2mm drill bit.
Spirit level.
Selection of wedges
Soft Pencil
Bradawl

Measuring-Up for the SMARTHINGE Secondary Glazing Unit

- 1 Measure the Width and Height of the existing window REVEAL

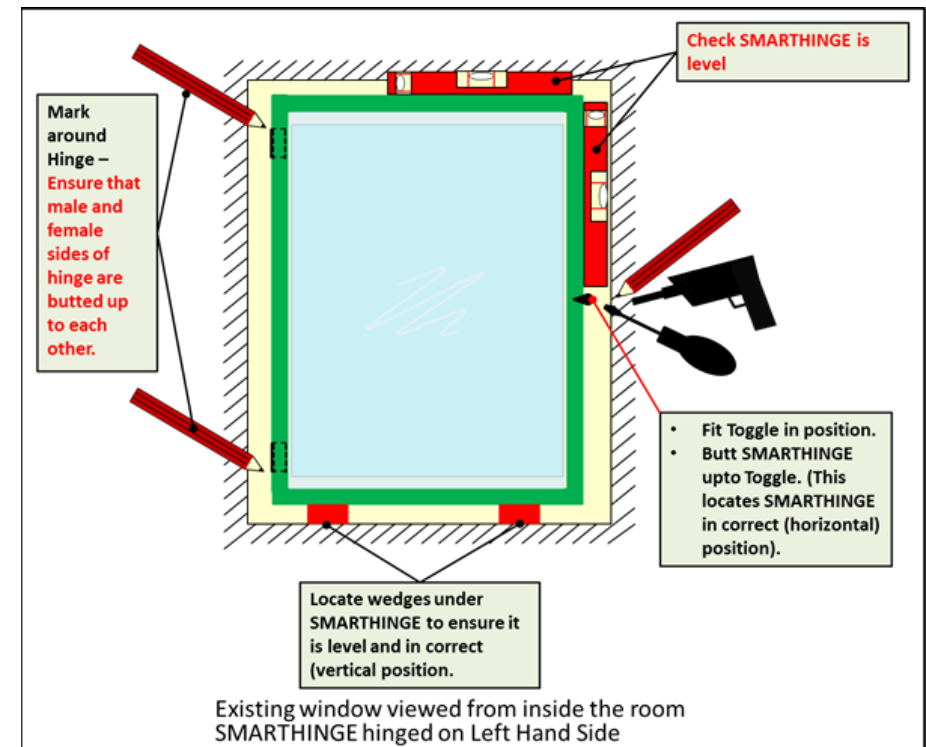


2 Check the dimensions required to install and operate SMARTHINGE can be achieved..

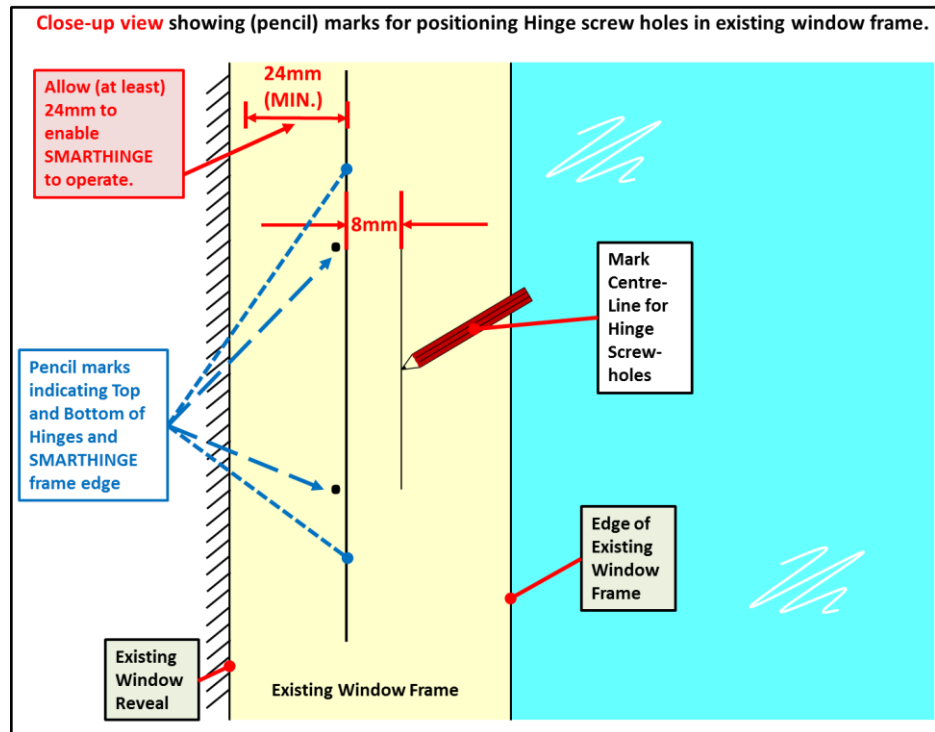


Fitting SMARTHINGE

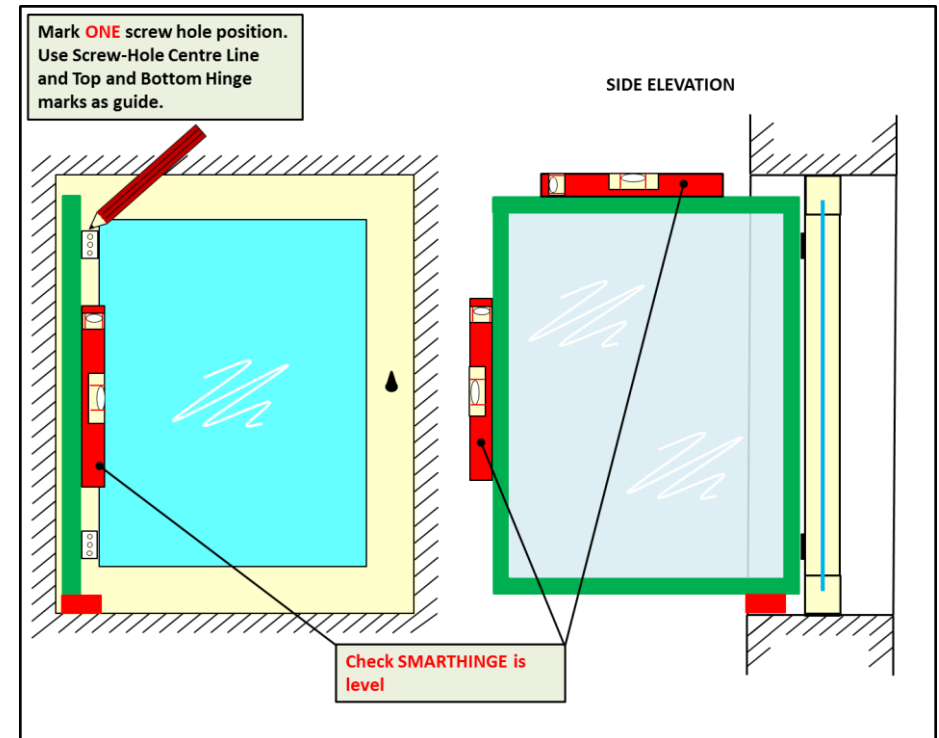
3 Arranging SMARTHINGE 'against' existing window rame in what will be its' final position.



4) Mark Centre-Line of Hinge Screw-Holes.

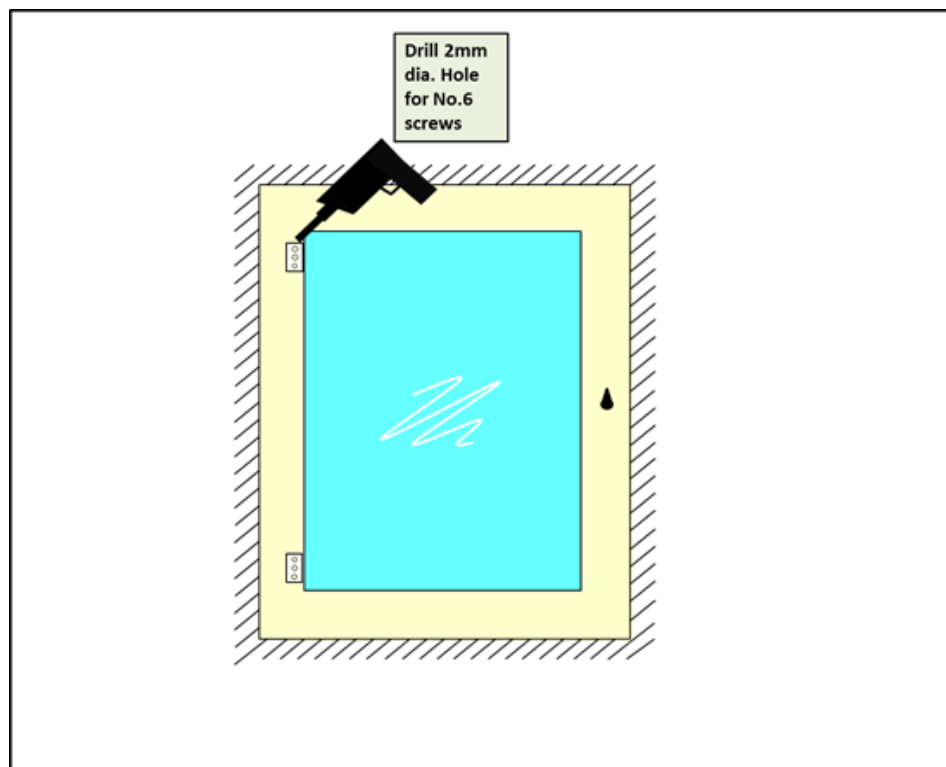


5) Mark First Hinge Screw-Hole position

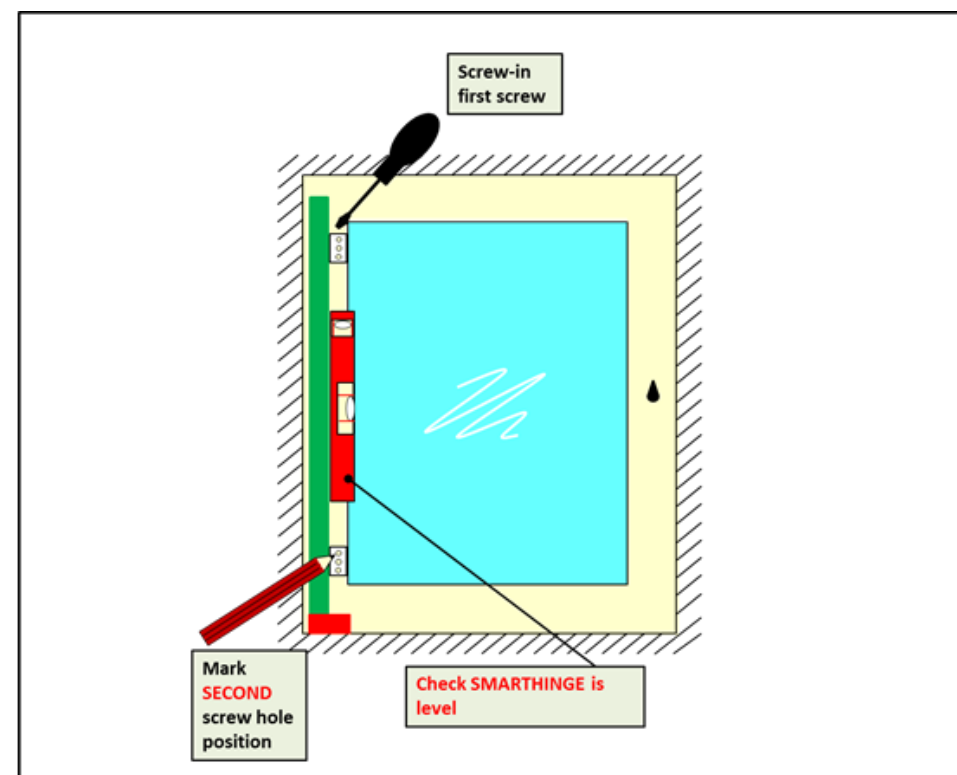


CARE POINT Ensure that male and female parts of hinge are butted upto each other.

6 Drill First Hinge Screw Hole



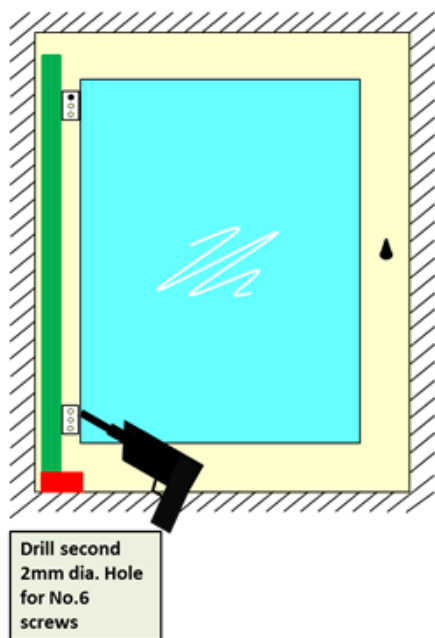
7 Screw-in first screw, mark Second Hinge Screw Hole



CARE POINT Ensure that male and female parts of hinge are butted upto each other.

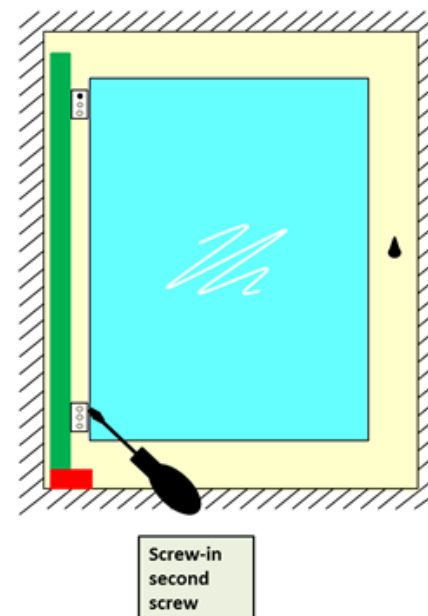
8

Drill Second Hinge Hole

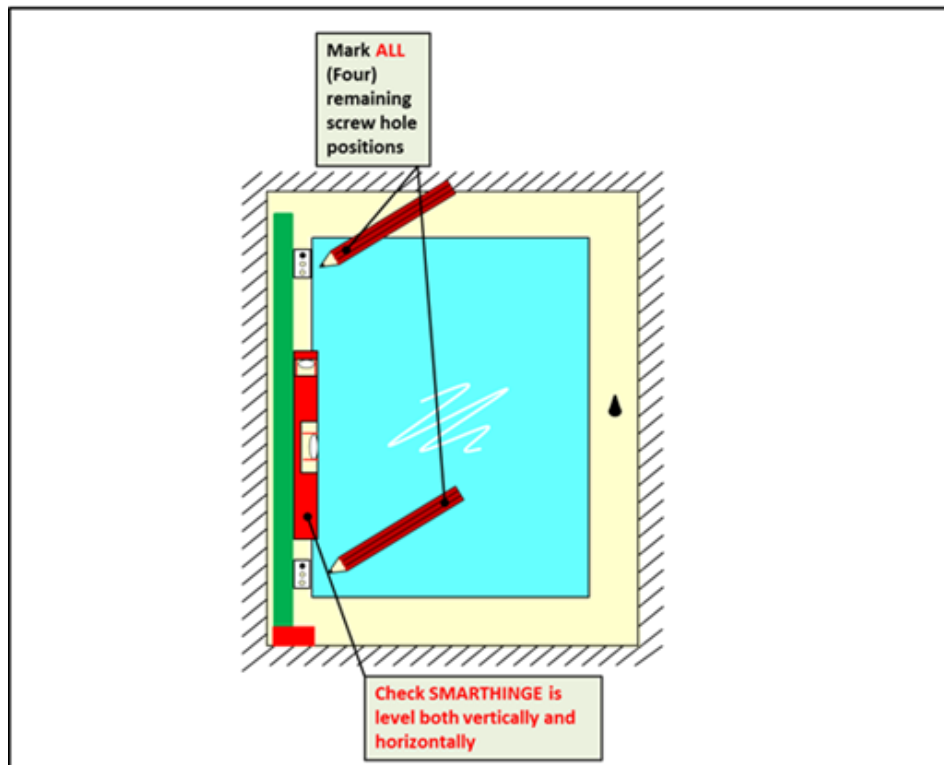


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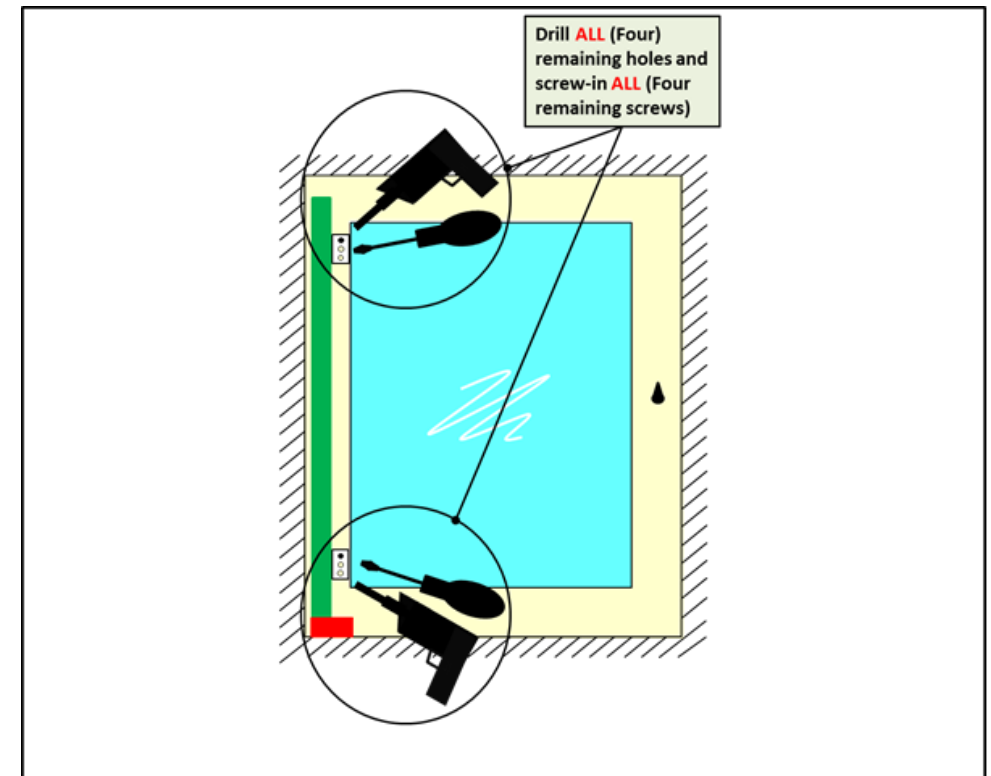
Screw-in Second Screw

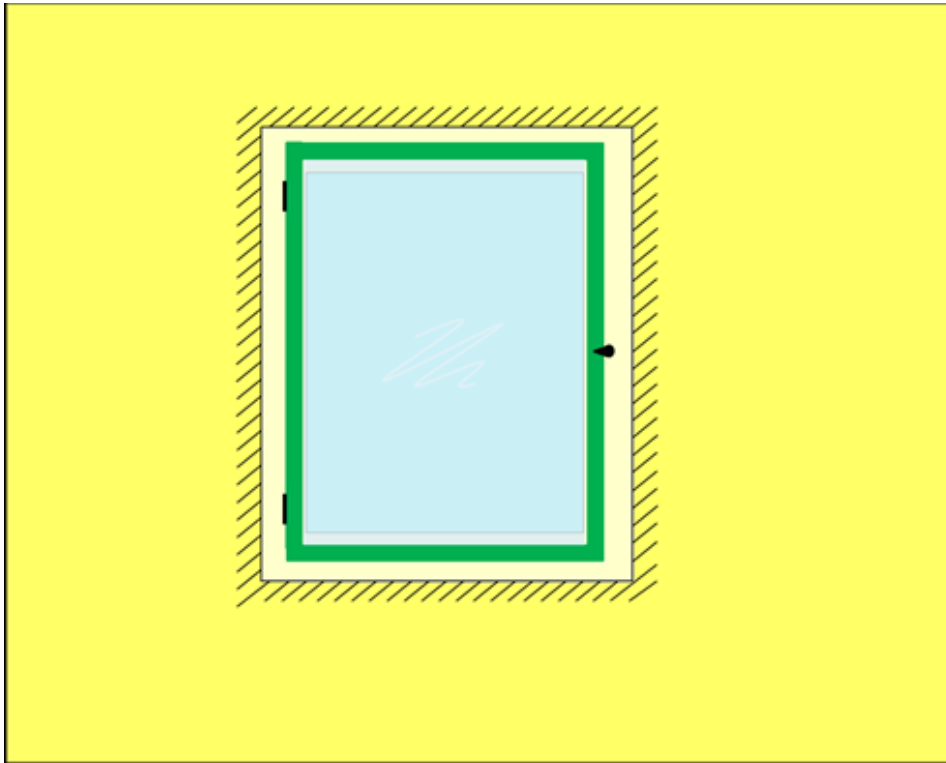


10 Mark all remaining Hinge Screws



11 Screw-in remaining (four) Hinge Screws





Care and Maintenance

Your Omega Secondary Glazing Unit will require very little care and maintenance. The aluminium frames are powder coated in polyester.

The glazing panels are: Plate Polycarbonate.

Cleaning

1. The metalwork can be cleaned with a soft cloth and soapy water.
2. The Polycarbonate Glazing Panels can be cleaned:
 - a. Gently wash sheet with a solution of mild soap + lukewarm water, use a soft, grit-free cloth/sponge to loosen any dirt or grime.
 - b. Fresh paint-splashes, grease and smeared glazing compounds can be removed easily before drying by rubbing lightly with a soft cloth using petroleum ether (BP65), hexane or heptane. Afterwards, wash the sheet using mild soap and lukewarm water.
 - c. Scratches and minor abrasions can be minimised by using a mild automobile polish. Test on a small area of sheet before using on the entire sheet is recommended.
 - d. Finally, thoroughly rinse with clean water to remove any cleaner residue and dry surface with a soft cloth to prevent water spotting.
3. Glass Glazing Panels can be cleaned using proprietary glass cleaners.

Other important instructions for Polycarbonate Glazing Panels:

1. Never use abrasive or highly alkaline cleaner on polycarbonate materials.
2. Never use aromatic or halogenated solvents like toluene, benzene, gasoline, acetone or carbon tetrachloride on polycarbonate materials.
3. Use of in with polycarbonate sheet can cause structural and/or surface damage.
4. Contact with harsh solvents such as methyl ethyl ketone (MEK) or hydrochloric acid can result in surface degradation and possible crazing of polycarbonate sheet.
5. Never scrub with brushes, steel wool or other abrasive materials.
6. Never use squeegees, razorblades or other sharp instruments to remove deposits or spots.
7. Do not clean polycarbonate in direct sunlight or at high temperatures as this can lead to staining.
8. For all mentioned chemicals consult the manufacturers' material safety data sheets for proper safety precautions.