

# Hingeglaze Magnetic System

### the ultimate in convenience and insulation

Strong steel hinges for convenience, Magnetglaze Extreme for thermal and noise insulation, 4mm Polycarbonate glazing for strength and flexibility.

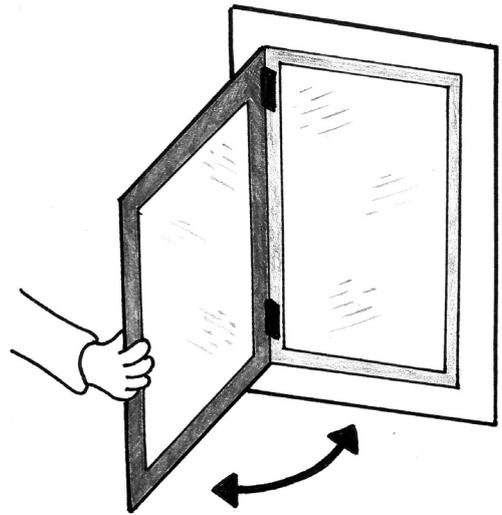
Easyfix DIY introduce **Hingeglaze**, an add-on to the popular and robust Magnetglaze Extreme insulation system. Hingeglaze comprises specially designed stainless-steel hinges that attach to 4mm Polycarbonate glazing sheet and your window surround. Magnetglaze Extreme is then also attached so that when the insulating window is closed, the magnets on the polycarbonate grip the steel on the window surround making a strong airtight seal. MG Extreme Finishing Trim then completes the installation for a very neat finish.

The hinged pane can be opened instantly for full access to the outer window and ventilation. It can be (space permitting) folded back to an open angle of 145°

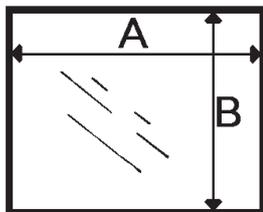
Polycarbonate sheet has strength around the screw holes, the ability to grip self-tapping screws and retains enough flexibility to take up the contours of an old, uneven window surround. The 4mm thickness fits the hinge design perfectly.

Magnetglaze Extreme provides ample grip for even the largest panes and has the exact proportions to fit within and alongside the hinges. Our 32mm Finishing Trim, in white or brown, completes the job with a functional, attractive appearance.

\*\*\*Although this is a DIY product, we will fit your hinges to your 4mm Polycarb sheet free of charge when ordered through [secondarydiyglazing.com](http://secondarydiyglazing.com)\*\*\*



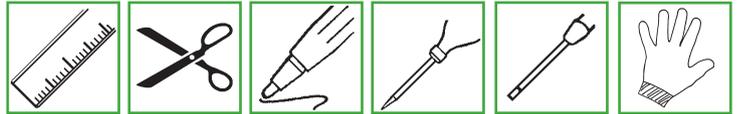
### Measuring up for your 4mm Polycarbonate Sheet and Magnetglaze Extreme



1. Decide where the sheet will best fit your window surround. You need a flat surface of at least 30mm on all sides except the hinged side, which needs 45mm width to permit the pane to open to 90 degrees.
2. Measure the window including any frame up to the point where the inside edge of the steel strip will be placed on the window surround. This will give you a vertical (A) and a horizontal (B) measurement.
3. Add 58mm to each measurement A & B. This will give you the size of the 4mm polycarbonate sheet you need to purchase.
4. Add up the lengths of all sides of your sheet(s) to calculate how much Magnetglaze Extreme and Finishing Trim you will need.

## TOOLS REQUIRED

Tape measure, strong scissors, pencil, bradawl, cross head screwdriver, gloves



## FIXING HINGEGLAZE STEP BY STEP

1. Your polycarbonate sheet will arrive with the hinges pre-fitted (if purchasing separately see later hinge fitting instructions). Woodscrews are also included for screwing to the window surround and will be taped to the hinge itself.
2. Peel back enough of the protective film to allow you to cut and stick the black magnetic strip to each edge of the plastic sheet, on the reverse side to the fitted hinges. The magnet should now cover the protruding points of the screws for each hinge. The screw tips may cause small bumps in the magnet, but this will not affect the insulation.
3. Now hold the panel to the window frame so that it overlaps equally at the top and bottom and the edges of each hinge sit up to where you made the measurements. This should leave the opposite edge magnetic strip running along the frame correctly.
4. Have one person hold the panel at the correct height while the other fits the top hinge loosely with one screw, first using a bradawl to make a pilot hole.
5. Now fit one screw into the bottom hinge, then any extra hinges in the same way while one person continues supporting the sheet weight. This should allow minor adjustments before tightening up.
6. Once all hinge screws are fitted the person supporting the weight can let go.
7. Clean and degrease the window surround using a suitable cleaner, such as Easyfix® Surface Preparation Wipes, for best adhesion results.
8. Draw a pencil line around the panel on the frame while carefully holding it in position.
9. Cut and fit the white metal strip to the window frame, sticking it just inside the pencil marks and inside the gaps between hinges butting up to the edge of each hinge. CAUTION - Care must be taken when handling the steel strip as the edges and trimmed corners can be sharp. This can cause paper cut injuries if mis-handled, gloves are recommended for your safety.
10. Peel back enough of the film on the room facing side to allow you to fit the Finishing Trim.
11. Cut a piece of Finishing Trim to length between the edge of the sheet and each hinge edge (this should be 60mm). One end will butt up to the hinge and the other can be cut to a mitre finished using a mitre block. Peel off a little of the backing strip and place one end into position and then gradually peel and stick down, do not peel the whole length before attempting to fit.
12. Cut Trim lengths for all remaining sides, including between the hinges, for a smart framed finish.
13. You can now remove the protective film from both sides of the sheet, making the window fully insulated and ready to use.

## Individual Hinge Fitting Instructions - should you wish to install these yourself

1. Firstly you will need a drill fitted with a 2.5mm bit. We recommend hinges are fitted 60mm from the top and bottom of the relevant sheet side.
2. The plate with the smaller holes is to be fitted to the sheet so the plate itself is facing into the room.
3. Hold the hinge in position and drill the first hole, then screw in the smaller self-tapping screw loosely, repeating for remaining holes.
4. Once all screws are in and the hinge is in position, tighten fully.



**PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE CUTTING OR FITTING ANY SYSTEM**

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