

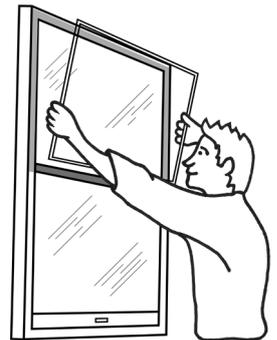
## Magnetglaze Sash Heavy Duty

### a versatile and robust fixing system for insulating sash windows

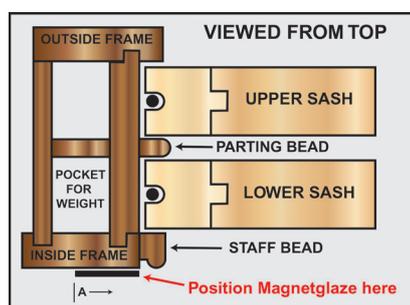
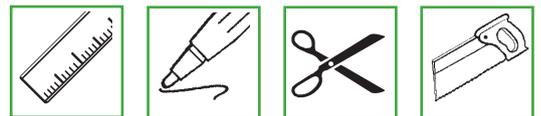
The Magnetglaze Sash Heavy Duty kit is an add-on to the popular and easy-to-use Easyfix<sup>®</sup> Magnetglaze and Magnetglaze Pro systems, both 13mm standard and 25mm Extreme versions. The kit has extra components specifically designed to work with sash windows, or any windows where frequently used part panels are required. Instead of a single panel covering the whole window, Magnetglaze Sash Heavy Duty uses a rigid jointing strip with bristle draught excluder so that 2 or more panels can be used while still maintaining a thermal seal. For example, on a sash window, the top or bottom panel can easily be removed for ventilation and be quickly refitted at night to keep in warmth and reduce external noise. The static panel can be supported or kept in place using turn buttons, if desired, and the kit contains sufficient of these to use on both panels in windy conditions.

Much simpler and more cost effective than other sash insulation products, Magnetglaze Sash Heavy Duty allows insulation alongside the convenience of normal use of the window. It can be retrofitted to existing Magnetglaze installations or used for first-time secondary glazing projects.

**Magnetglaze Sash Heavy Duty is for 4mm plastic sheet only**, it contains sufficient components for up to 4 windows and the Sash kit must be used in addition to the basic Easyfix<sup>®</sup> Magnetglaze, Magnetglaze Pro, Magnetglaze Extreme or Magnetglaze Pro Extreme packs. For details of these please go to our website [www.tubeway.co.uk](http://www.tubeway.co.uk). This kit is compatible with Magnetglaze Finishing Trim of both 20mm and 32mm width.



**TOOLS REQUIRED** - Tape measure, pencil, strong pair of scissors and fine toothed saw



### Measuring up for your 4mm Plastic Sheeting

1. You must allow for a flat surface of at least 13mm on each side of the frame after the staff bead - see diagram. Start your measurement from position A and measure horizontally and vertically across your window - this is the size of sheet you require.
2. You will require 2 lengths of any Magnetglaze product for the sides and 2 lengths for the top and bottom. Add these together for the amount of Magnetglaze you will need.
3. The Magnetglaze strip allows the glazing sheet to sit 3mm away from the window surround.
4. Decide where in your glazing coverage you want the join, and cut or order your plastic sheets accordingly. Considerations might include what can easily be reached when removing, and where external window frames are, in order to line up the join with them. Note that sash windows generally have a larger bottom frame than top frame.

### USING MAGNETGLAZE SASH HEAVY DUTY - STEP BY STEP

**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 not handled with respect.

5. Thoroughly clean and de-grease the window surround using the Easyfix<sup>®</sup> Surface Preparation Wipes provided.
6. Cut and stick the black magnetic strip to the 3 edges of the glazing panel that will be in contact with the window frame, repeat this step for both panels.
7. On one sheet, measure the gap on the open side between the magnetic strips and cut a strip of Bristle Seal to this length. Stick this length to the sheet in this gap ON THE OTHER SIDE TO THE MAGNETS, adjacent to the edge.
8. Repeat for the other sheet, again fixing the Bristle Seal on the other side of the sheet to the magnets.
9. Cut a length of the rigid Jointing Strip to the same gap between the magnets. On the sheet that will not be removed, clip the strip over the Bristle Seal using the narrow channel. This will cover the bristles and will stay in place throughout normal use.
10. Hold the jointed sheet up to the window (with assistance if required) and draw a pencil line around the edge of the sheet onto the window frame.
11. Carefully cut and fit the white metal strip to the window surround, sticking it just inside the pencil line.
12. Select the panel with the H section attached and offer this to the window and click into place. Holding the other panel at an angle, insert the edge into the H section and gently push the panel onto the metal strip.
13. Screw turn buttons to the window surround, to support and secure the panels as required.
14. Apply Magnetglaze Finishing Trim if required (requires separate purchase). The turn button clips fit with or without this trim.



**Please note:** When removing one panel from the other it is possible to dislodge both. To avoid this, turn button clips can be placed under the bottom panel to support it and help prevent slippage. Clips can be positioned elsewhere, as required.

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

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