

**Before you start:** Please check that the pack you have bought is complete.

| Pack Size | Contents  |
|-----------|---|
| 5 panel   | 5 Heatkeeper® panels, one 25m roll of double sided tape; fitting instructions                 |
| 10 panel  | 10 Heatkeeper® panels, two 25m or one x50m rolls of double sided tape; fitting instructions   |
| 20 panel  | 20 Heatkeeper® panels, four 25m or two x 50m rolls of double sided tape; fitting instructions |

**Tools to do the job:**

A pair of scissors



A tape measure



A feather duster or similar



A length of garden cane



### Getting started

Fitting HEATKEEPER® Energy Saving Radiator Panels is a clean, fast and simple job for those with a little DIY experience - **IT IS NOT NECESSARY TO REMOVE THE RADIATOR.**

**Use the tape supplied to fit the panels to FLAT surfaces behind the radiators.** If you have an uneven or textured surface behind your radiator, such as contoured vinyl, wood chip, embossed or Hessian wallpaper, textured paint, painted brickwork or wooden panelling, you will need to use an impact adhesive (such as Evo-Stick) available from most DIY stores. For best results put the glue on the outside edges of the panel on top of the double-sided tape with the backing paper removed. Please follow the manufacturer's instructions when using impact adhesive.

**Ensure the walls are clean prior to fitting.** This is essential to ensure the tape sticks properly. Use a feather duster behind the radiator to remove dust and dirt.

### Fitting the panels

The following instructions refer to a normal household flat panel radiator with two or possibly three wall fixing brackets.

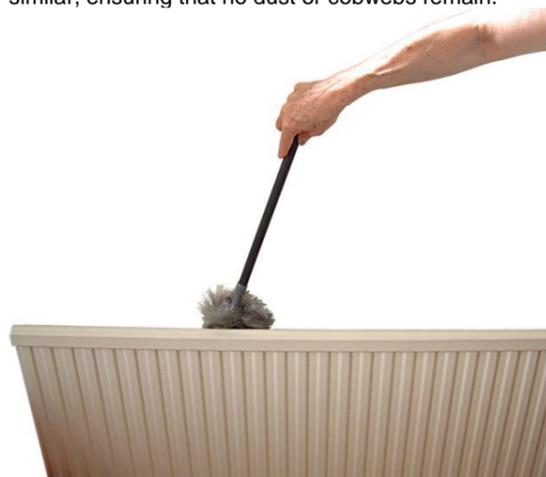
However your radiator is fixed you should find that the method described is easy to adapt to your needs.

Make sure you fit the panel with the HEATKEEPER® brand name in the panel uppermost (see picture right).



### STEP 1 - Cleaning behind the radiator

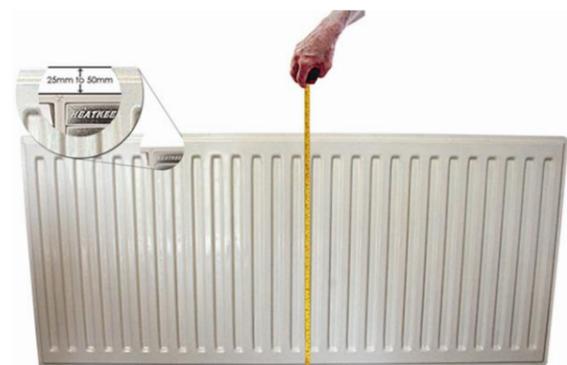
Clean behind the radiator with the feather duster, or similar, ensuring that no dust or cobwebs remain.



### STEP 2 - Measuring up and marking

Measure the radiator height to establish the correct combinations of horizontal panel sections to be used for that particular radiator height.

Panel Size: 450mm wide x 580mm high



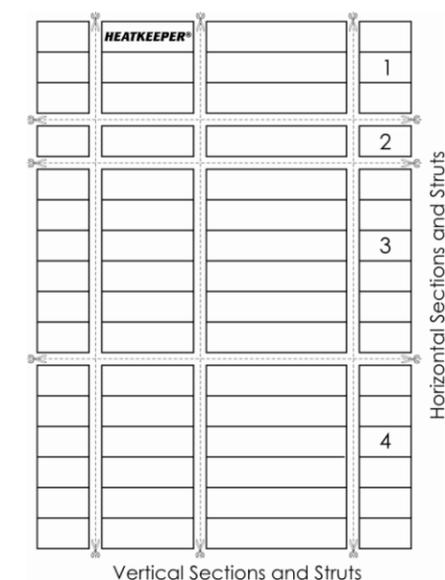
### STEP 3 - Cutting the panel to the correct height

The panels have three horizontal breaks, which divide the panel into four horizontal sections. Using the table below select the correct combinations of horizontal panel sections for the height of the radiator to be fitted. Cut with scissors along the horizontal dotted lines as appropriate.

For radiators with greater heights than the panels, join additional sections as appropriate by taping one edge and overlapping the other segment edge. For example in the case of a 700mm high radiator you can use a full panel plus horizontal section number 1 taken from another panel to give a height of 680mm.



| Radiator Height (mm) | Use Section Numbers* | Panel Height (mm) |
|----------------------|----------------------|-------------------|
| 300                  | 2 + 3                | 260               |
| 400                  | 1 + 2 + 3            | 375               |
| 450                  | 3 + 4                | 410               |
| 500                  | 2 + 3 + 4            | 465               |
| 600                  | 1 + 2 + 3 + 4        | 580               |



### Problem solving

- Any obstructions behind the radiator need to be removed.
- Wallpaper behind radiators tends to curl with the heat. If the loose wallpaper edge is pointing down, the panel can usually be fitted. However if the wallpaper edge is at the bottom and pointing upwards, the loose element must be removed so that the panels will slide down.
- Shelf or window ledge close to the radiator top: Remove the shelf if possible. If the panel won't fit between the radiator and window ledge, it can be fitted from the bottom. This will need two people and, to avoid the panel sticking to the wall before it is in place, the panel will need to be rapidly jerked up and down as it slides up the wall. If the bamboo cane can't be used from the top, then a feather duster can be pushed over the panel surface from the bottom.

### STEP 4 - Fitting and cutting the panel to the correct width

- Before applying the tape or adhesive, slide the panel behind the radiator to ensure there are no obstructions needing to be removed, and that it fits properly. Be aware of high skirting boards or wall vents.
- Apply the double-sided tape enclosed to all four outside edges, and the three vertical struts.
- Remove the backing paper on the tape and fit the panel 2cm to 5cm below the top of the radiator (to be below the line of sight) and next to and inside the left hand bracket, ensuring the top is in line with the level of the radiator. The tape on the panel top is stuck to the wall by running a finger along the top edge. The bottom edge is similarly secured by putting the hand under the radiator, and running a finger along the bottom edge. Then, using the garden cane, push the vertical edges and struts to the wall.
- Fit additional panels alongside the first panel until close to the right hand bracket. Measure the uncovered distance to the right hand bracket. The panel has three vertical struts dividing the panel into four vertical sections. Cut down the appropriate strut to obtain vertical segment(s) which best fit the width of the radiator. Use the smaller vertical segments to fit outside the brackets, so they are not visible.

