

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

**Tools to do the job:**

A pair of scissors

A tape measure

A feather duster or similar

A length of garden cane



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

### 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

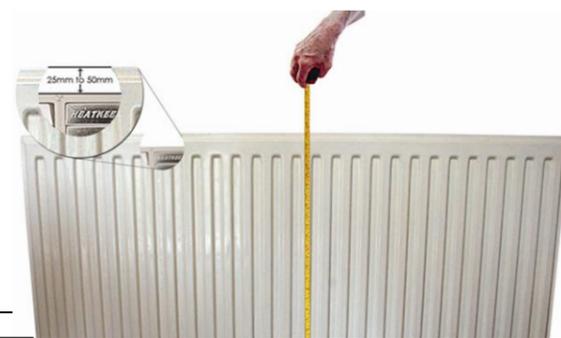
Clean behind the radiator with the feather duster, or similar, ensuring that no dust or cobwebs remain.



### 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



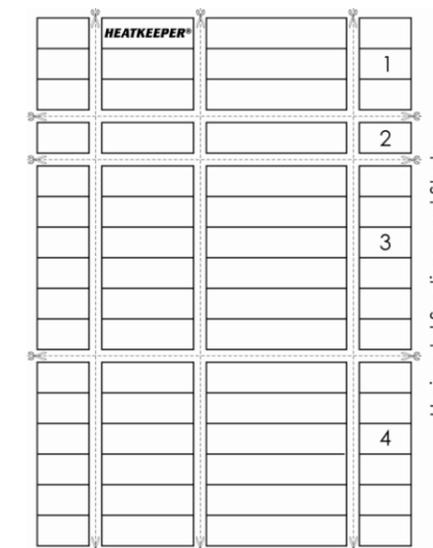
### STEP 3 - Cutting the panel to the correct height

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



Vertical Sections and Struts

Horizontal Sections and Struts

### 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

### STEP 4 - Fitting with DURAGRIP spines

- DURAGRIP spines are 300mm long ("A4" size) and 3mm deep. It takes 2-2½ HEATKEEPER panels to fit an average (1000mm) radiator. So you will need approximately 3 spines for a 1000mm radiator, covering the areas both between and either side of the radiator brackets. The spines can be cut to fit.
- Clip the DURAGRIP spines onto the top of the panels. They fit securely but can be slid along the top of the panels for precise positioning.
- With this method panel sections can also cover the area outside the radiator brackets (see illustration right), an advantage compared with other hanging products.
- Once the spines are in place so that the panels cover both between and either side of the radiator brackets slide the panel behind the radiator until the spines come to rest on the top of the brackets. Push the panel as close to the wall as possible to maximize its insulation property.
- The grip of the clips can be improved by using an offcut section of panel and removing a section of the flat surround. This can then be stuck using the double-sided fixing tape to the section of panel to which the spine will be fixed, thus thickening the panel where the spine will grip.

