



radiator pipe guide & seal range

including 4" soil pipe seal



radiator pipe guide & seal range

GRS

radiator pipe
guide & seal



A significant development in
the drive to reduce air leakages
and heat loss

- A Pipe clamp – preventing chafing of pipes
- B Skim-bead – provides guide for plastering up to
- C 80mm radius pipe guide – eliminates kinks and helps prevent pipe sag
- D Air tight foam gasket prevents air leakage
- E Fixing point – one of four secure fixing points
- F Allows accurate installation

As builders throughout the country seek to comply with the Revised Part L Building Regulations to make new homes more energy efficient, the area behind central heating radiators where the pipes exit the wall has been identified as a key point of heat loss.

Because, until now, there has been no satisfactory method of properly sealing this area, many installations leave gaps around the pipes that allow heat to escape and bills to be pushed up.

This is an unsatisfactory state of affairs from every point of view, and one that could well result in failure of the now mandatory pressure test with all of its practical and financial consequences.

Designed specifically for users of plastic pipes, an increasingly popular option, the original Radiator Pipe Guide and Seal and the face-fix version which is particularly suited to studded walls provide a complete solution to this problem by ensuring there are no gaps through which heat can be lost. In addition, their innovative developments guide pipes to the radiator, preventing kinks and twists.

Inexpensive, quick and easy to fit, the Radiator Pipe Guide and Seal provides a highly effective barrier, conserving energy and reducing householder's fuel costs. For builders, it is an ingeniously simple way of complying with the Revised Part L Regulations regarding air leakage.



The new Radiator Pipe Guide and Seal provides a complete solution, ensuring there are no gaps through which heat can be lost.



Installations such as these are all too common. They allow heat to escape and they could cause failure of the now mandatory pressure test.

GRS-FF face-fix version



- A - Fixing point, one of three secure fixing points
- B - Rubber grommets hold pipe and prevent air leakage

GRS-SE single exit version



- A - Fixing points
- B - Rubber grommet to hold pipe and prevent air loss
- C - Convex design helps to ensure air tight seal when fitted

GRS-FF Configurations

The **GRS-FF** has the versatility to be fitted in a wide range of details. The face-fix nature of the product enables the user to fit both block and studded wall details without the need for any additional preparation work. Also the **GRS-FF** will work with pipework coming from above, below or from the side of the radiator. Fixing instructions are included.



Face-fix version shown with pipes thread through grommets.

Single Exit Radiator Pipe Guide & Seal (GRS-SE)

The Single Exit Radiator Pipe Guide & Seal (**GRS-SE**) is designed particularly for use with larger radiator units, where a third bracket is fastened midway along the radiator. The distance from the centre of the radiator may be sufficient to cause excessive pipe sag, which could leave the pipe visible below the bottom of the radiator. The unit is slim enough to fit behind the radiator and will provide a draft seal to help achieve the new air leakage requirements of the modern building regulations. Due to its face-fix nature, (identical to the **GRS-FF**) the product is ideal for studded wall details.



GRS



GRS-FF



GRS-SE



GPS4

4" soil pipe seal



- A - Splits apart for easy installation
- B - Clamp to create seal
- C - Completely flexible membrane seals air path around gap

The Manthorpe 4" Soil Pipe Seal is designed to seal the hole created around a 4" soil pipe when it penetrates a ceiling or suspended floor. The seal is intended for use after the installation of the soil pipe and before the stack is boxed in and plastered, as such the seal can be split open to allow it to bend around the back of the pipe. The polythene membrane of the GPS4 is flexible enough to allow it to bend around any edge or corner.



Specification Clauses

The following NBS clause is relevant when specifying GRS/GRS-FF/GRS-SE: T90 Heating systems – domestic, Clause 410 Thermoplastics Pipelines.

Product Specification Guide

Product Reference	Colour	Pipe	Packing details
GRS	White	For use with 10mm dia. plastic pipe	20 per box
GRS-FF	White	For use with 10mm dia. plastic pipe	20 per box
GRS-SE	White	For use with 10mm dia. plastic pipe	20 per box

Product Specification Guide

Product Reference	Colour	Pipe	Packing details
GPS4	White	For use with 4 soil pipe	20 per box

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Building Regulations

Part L1A

Manthorpe Quality

Manthorpe manufactures a range of ventilation and building products at its headquarters in Derbyshire under an ISO9001 Quality Assurance Scheme.

All products are designed to comply with the relevant current Building Standards when fitted in accordance with the manufacturer's instructions. The company maintains a policy of continuous investment and development of its product range and reserves the right to amend the specifications without notice.

