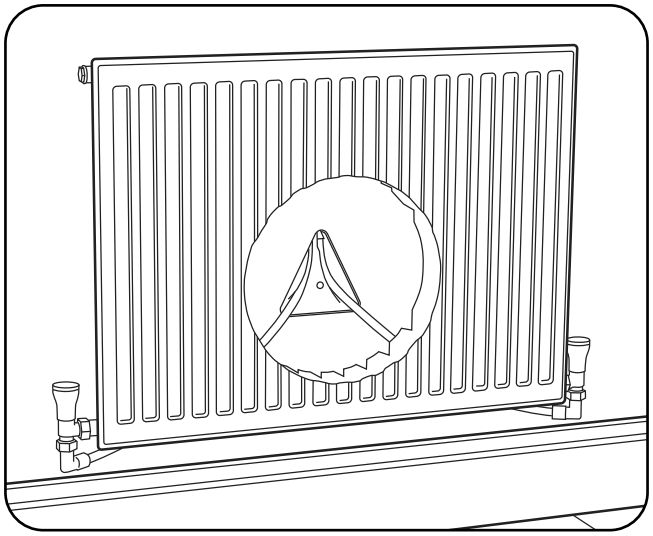
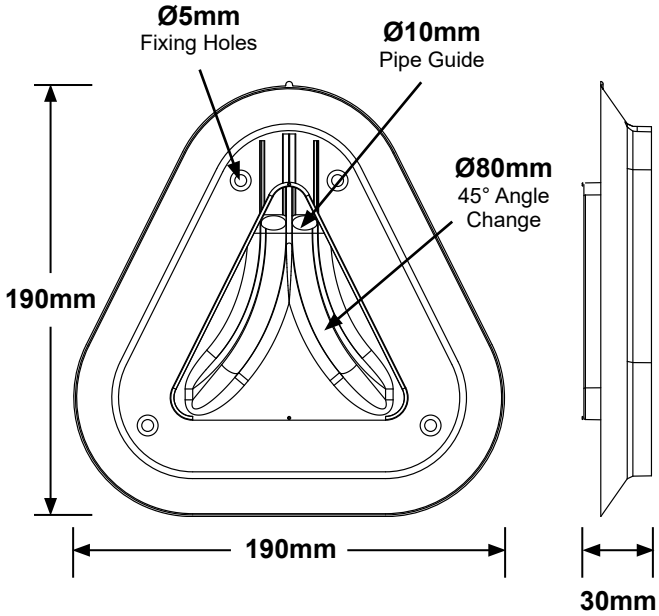
Manthorpe Building Products

Product Information Sheet

Radiator Pipe Guide & Seal

Code: **GRS**



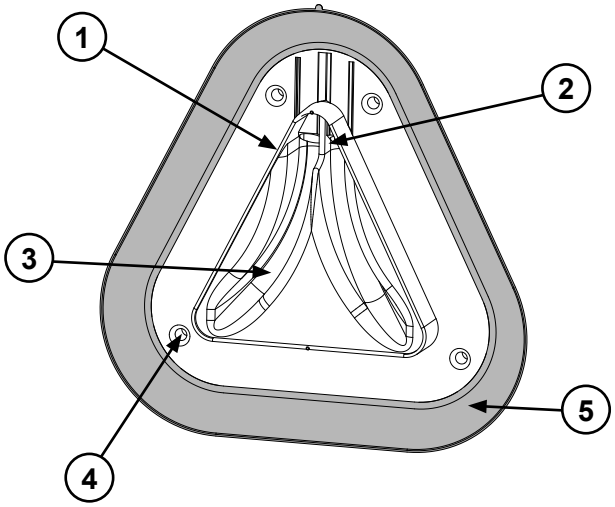


Description

The GRS Radiator Pipe Guide & Seal has been designed and developed to meet the air leakage needs of the modern builder.

The unit fits behind the radiator guiding both pipes to the radiator valves without kinking or chaffing problems while also providing a draft seal. This helps builders to achieve the new air leakage requirements of the building regulations.

Suitable for use with 10mm flexible pipes.



Specifications

Colours	White
Packing Details	20 per box
Weight	78.8g per unit 1.86 kg per box
Materials - Guide **Seal**	Polypropylene Thermoplastic Elastomer
Manufacturing Process	Injection Moulded

Product Features

1	Skim Bead - A guide for plastering up to.
2	Pipe Clamp - Prevents chaffing of the pipe.
3	Pipe Guide - Eliminates kinking & helps to prevent the pipes sagging.
4	Fixing Points - 4 secure fixing points.
5	Twin Shot Seal - To stop air leakage.

References

DOE: Building Regulations Part L Air Leakage

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Drawn BH 04.02.13

Issue BH 28.10.22

The company maintains a policy of continuous development of its product range and reserves the right to amend the specification without notice.

DRG No

MBP 8234

Issue

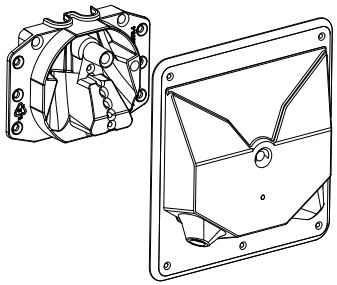
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The Complete Manthorpe Radiator Pipe Seal Range:

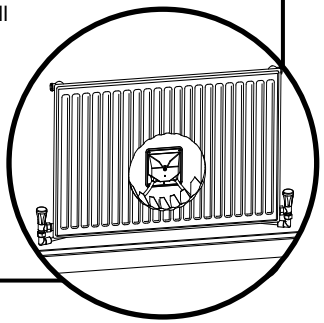
GRS-DUO Twin Plate Radiator Pipe Guide & Seal

The **GRS-DUO** is designed to work with 10mm flexible plastic barrier pipework commonly used for central heating systems in modern buildings.

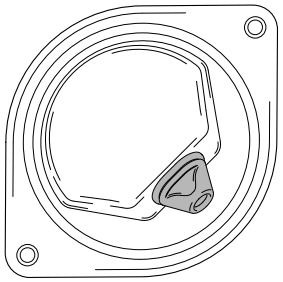
The dual plate design allows for the location and alignment of the initial pipework to be set during the first fix plumbing phase, with the subsequent penetration through the plasterboard behind the radiator then covered and sealed against air leakage during the course of the second fix works.



The versatility of the system allows it to be installed in a wide range of details and with both blockwork and stud wall constructions. The unique single central fixing screw removes the need for plasterboard fixings and allows the system to be fitted securely with a variety of plasterboard and radiator offsets.

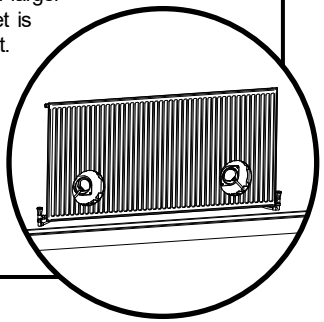


GRS-SE Single Exit Radiator Pipe Guide & Seal



The **GRS-SE** is designed for use with larger radiators where a third radiator bracket is often fastened mid-way along the unit. This can not only block the central location for the seal, but the distance from there to the valves would cause excessive pipe sag.

The single exit seal allows for the pipe exit points to be split and placed closer to the valve locations.



Design & Manufactured in the U.K.

Other products from the Manthorpe Range include Cavity Trays, Cavity Closer, Loft Doors, Linear Drainage, Access Panels, Roof Ventilation, Through Wall & Underfloor Ventilation, Joist Seals and Dry Roofing Products.

Manthorpe Building Products Limited

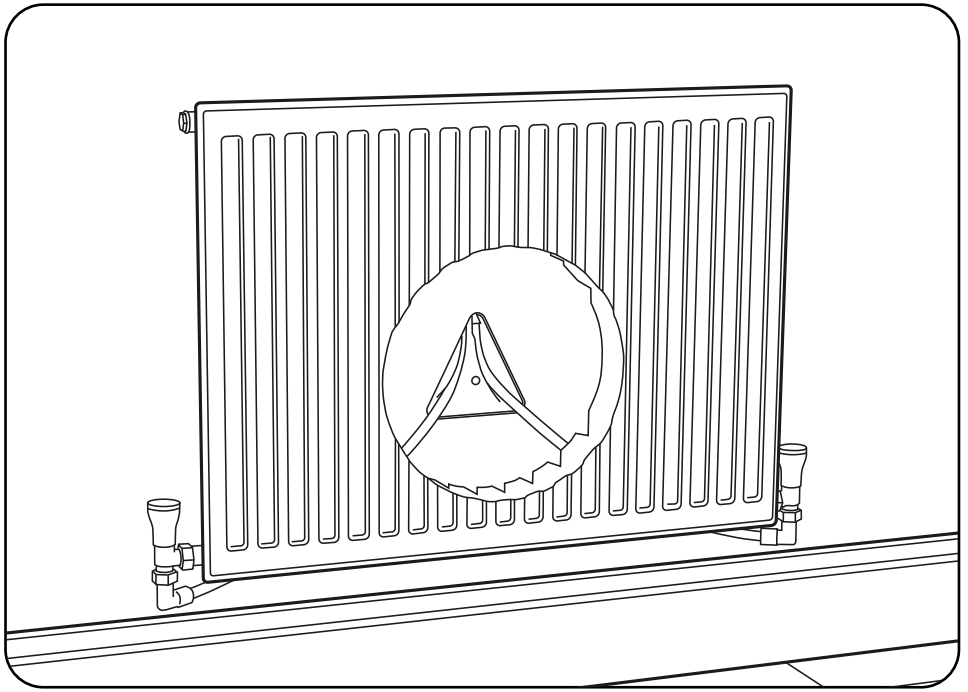
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Manthorpe

GRS
Radiator
Pipe Guide & Seal

Fitting Guide

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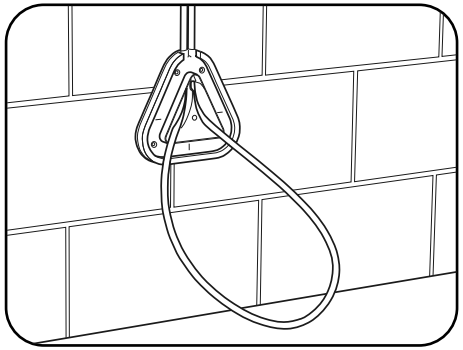


(Suitable for 10mm plastic pipe only)

Installation guide

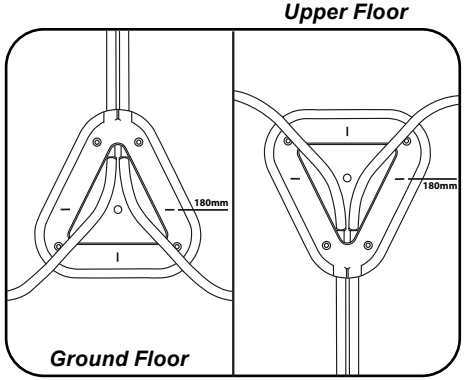
The Radiator Pipe Guide & Seal has been designed and developed to meet the need of the modern builder. The unit fits behind the radiator guiding both pipes to the radiator valves without kinking or chaffing problems while also providing a draft seal. This helps builders to achieve the air leakage requirements of the modern building regulations.

Suitable for use with all 10mm plastic pipe systems.



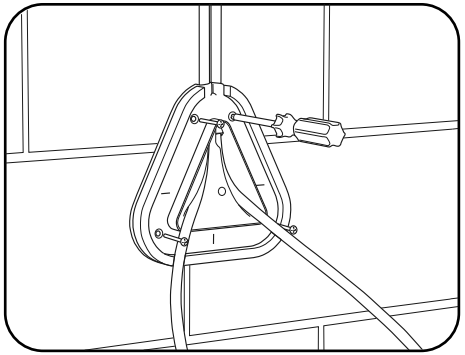
1. Thread the radiator pipe through the back of the Radiator Pipe Guide & Seal (GRS), around, and then back through the front as shown above. This will allow plumbing to be tested after first fix.

Alternatively the pipe could be cut into two lengths.



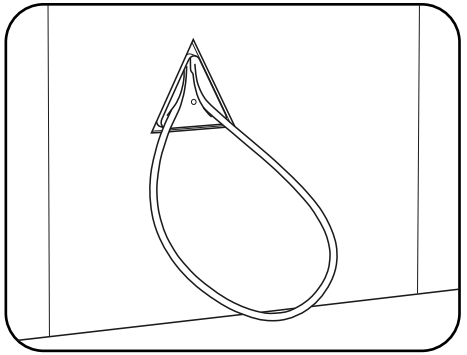
2. Orientate the GRS so that the pipes maintain a straight line from the ceiling or floor.

In both situations, the two horizontal height marks should be positioned 180mm above the center line of the pipe entry point to the radiator valves.



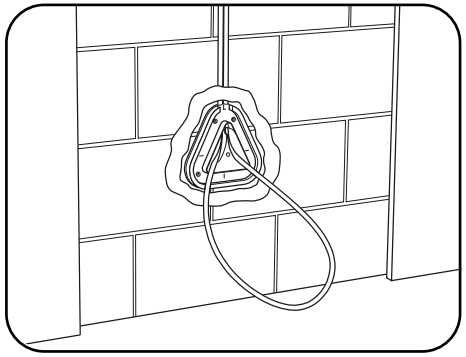
3. Mark out the position of all four holes, then remove the product. Drill and plug all four holes using a suitable drill bit and raw plugs.

Secure the GRS to the wall using four 4mm countersunk screws as shown above.

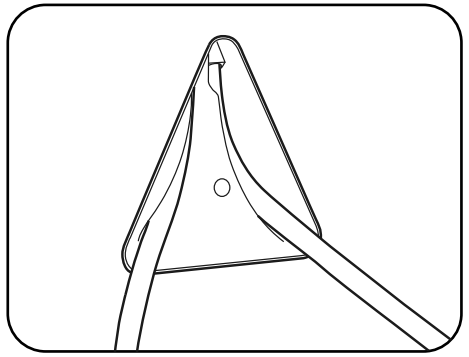


4. Mark out and cut an opening into the plasterboard.

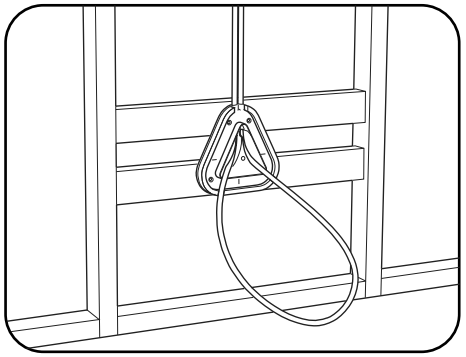
Offer the plasterboard up to the wall to ensure the opening is positioned correctly.



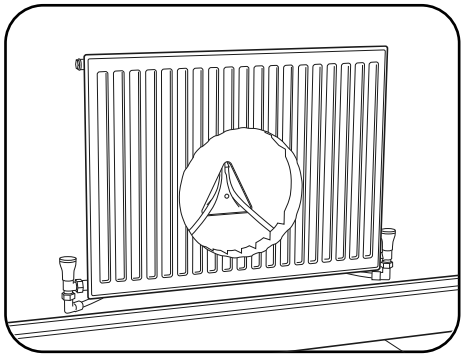
5. Use a continuous dab of drywall adhesive around the GRS as shown above then “dot and dab” the plasterboard into position as per normal building practice.



6. Once the plasterboard is secured to the wall, plaster the wall up to the edge of the GRS to leave a neat finish as shown above.



7. For studded walls, place two noggins set back 18mm from the front face of your studs. Secure the GRS to the wall using four 4mm countersunk wood screws as shown above.



8. Finally, fix your radiator to the wall and connect both water pipes following the manufacturer’s recommendations.