

CI/Sfb (52.5) In6

JUNE 2001



underground





underground systems

Brett Martin Underground offers a comprehensive range of drainage systems. It includes the Drain, Sewer, Perforated, Surface Water and Cable Duct systems. The entire range incorporates pipes and fittings in eight diameters from 53.9mm to 400mm.

The range has been designed to offer the installer maximum choice and flexibility. Every product has been designed with ease of installation in mind. All products are manufactured to exacting standards ensuring the highest possible levels of performance.

QUALITY ASSURED

When you select an underground system you need to be sure of its pedigree, convinced of its ability to perform, and confident of enduring quality.



The excellence of Brett Martin's Underground systems is recognised through the company's achievement of BS EN ISO 9002. You can be confident that as a BSI Registered Firm our Quality Assurance Programme guarantees that each Brett Martin system is a first class product.



Complete Underground Drainage Systems

DRAIN - BS 4660

110 mm
160 mm

Available in plain ended and single socket form.



SEWER - BS 5481

200 mm
250 mm
315 mm
400 mm

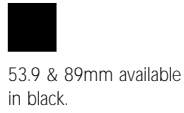
Available in plain ended and single socket form.



PERFORATED

DUCT SOCKET RING SEAL SOCKET

53.9 mm 250 mm
89 mm 315 mm
110 mm 400 mm
160 mm
200 mm



SURFACE WATER

110 mm
160 mm
200 mm

Available in plain ended and single socket form.



DUCT

53.9 mm
89 mm
110 mm
160 mm
200 mm





installation

USEFUL INSTALLATION TIPS

- 1 Always chamfer cut pipe and lubricate all ring seals for perfect joints.
- 2 Storm water connections are invariably less critical than those in the foul system. Therefore lay the foul drain system closest to the building and lay the storm system around this wherever possible.
- 3 Where external soil stacks are connected to the side inlet of a preformed chamber, ensure that the distance between the two is a minimum of 1m to help prevent cross flow of solids onto the opposite benching.
- 4 Where combined drainage systems are installed ensure each rainwater pipe is connected to a gully.
- 5 Always use the main channel of a chamber at a change of direction of the main run.

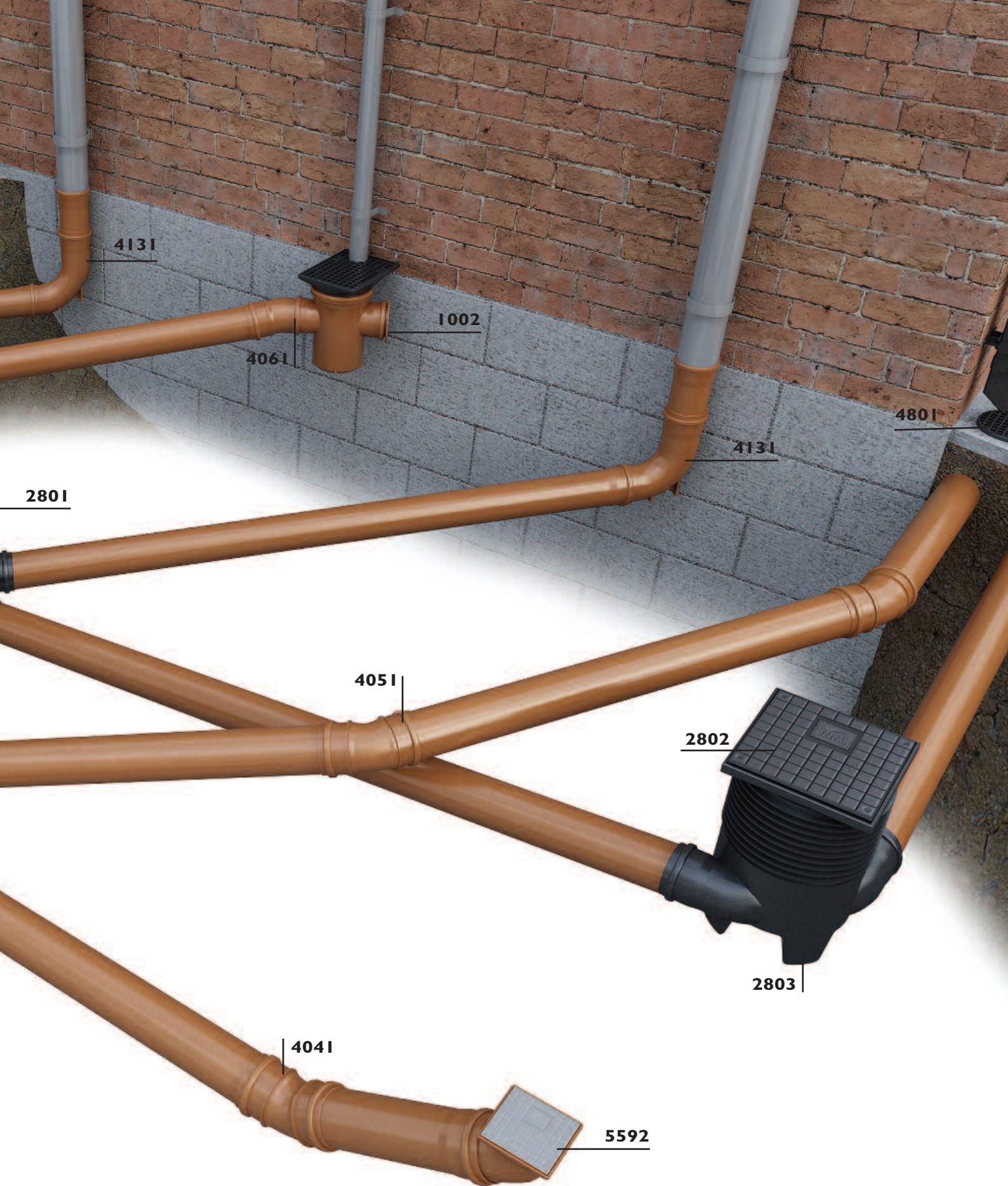


280mm 90° CHAMBER BASE 205mm Invert

CODE: 2803
SIZE: 110mm



This corner access unit is the ideal alternative for changes in direction around and close to the dwelling and at the head of the drain.



General installation of Foul and Storm System
Layout used is for illustration purpose only.



product highlights

New Gully Options

The Brett Martin gully range has been extended further to include three new options:

- **Back Inlet Roddable Gully 90° Outlet Round Grid Code - 1001**
- **Back Inlet Roddable Gully 90° Outlet Rectangular Grid Code - 1007**
- **Back Inlet Gully Raising Piece Code - 1001**

A total of nine different versions, in tubular and bottle options are now available in the gully range.



Roddable Back Inlet Bottle Gully

Supplied as a complete package the two available versions offer round or rectangular hoppers with socketed 90° inlet and outlet connections.

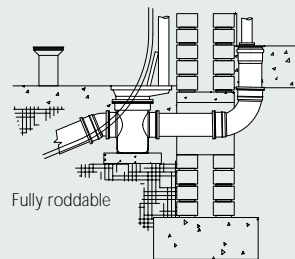


Rectangular hopper features a hinged, screw down heavy duty grid.

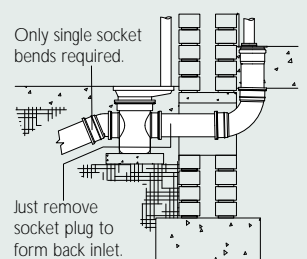
Heavy duty screw down grating for better security.		Hopper spigot allows 32mm height adjustment allowing accurate final positioning.
Sealed dip tube forms air tight seal.		Lifting 'lip' allows removal of dip tube, without the need to submerge hands.
Black dip tube aids visibility for removal.		Tough, durable polypropylene body.
Easily removed bung provides back inlet connection.		Parallel body provides a wide gap between the dip tube and the body which allows for easy removal of solids.
Socketed outlet		
The gully riser allows up to 200mm variation in invert depth.		

Typical Installation Detail

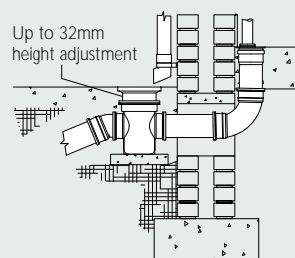
New Bottle Gully Rodding Access



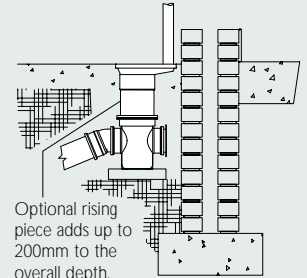
New Bottle Gully with Rectangular Hopper



New Bottle Gully with Round Hopper



New Bottle Gully with Rectangular Hopper & Riser





The Ultra Rib Sewer System

Available in 150mm, 225mm and 300mm diameters this well established sewer system extends Brett Martin's Building Products drainage range into the structured wall sewer market. A wide range of fittings and adaptors ensure that every condition is provided for.



Shallow Access Chamber

The new base has been designed with a dropped main channel to eliminate possible blockages, has integral feet to ease installation, is totally airtight so can be installed internally and yet remains very cost effective.

- Square lid for easy incorporation in paving and tarmac. Strong enough to withstand light vehicular traffic when set in a concrete surround. An airtight lid seal allows the unit to be used internally.
- Two sectional risers give a maximum invert depth of 600mm.
- Simple assembly with the new ring sealing system.
- Base supplied with secure bungs that are easily removed for pipe insertion.
- All joints feature secure rubber ring seals to give trouble-free water tight joints on site.

450mm Inspection Chamber Base

Code - 5696

The injection moulded 450mm diameter Inspection Chamber Base provides an integral facility for 110mm and 160mm pipework and is designed to reduce cross flow. Using a 160mm channel, the Chamber Base features two 160mm inlets at a 90° angle and a further two 110mm inlets to the front set at 45° and complements the existing 110mm channel version.



Adjustable Bends

- **Single Socket - Code - 5030**
- **Double Socket - Code - 4030**

Two adjustable bends have been added to Brett Martin's 110mm diameter drainage range. Single and double socket versions of the bend adjust from 0° -30° with a simple twist of the fitting.

280mm 90° Shallow Access Chamber

Code - 2803

The 280mm 90° Shallow Access Chamber has been specially designed with trouble free installation and cost effectiveness in mind. The principal feature of this chamber is a 90° change of direction through the main channel, ultimately leading to a reduction of components within a dwelling's drainage system, thus reducing costs and installation time.



BRETT MARTIN LTD
24 ROUGHFORT ROAD
MALLUSK, CO ANTRIM
UK, BT36 4RB
TEL: 028 9084 9999
FAX: 028 9083 6666
SALES HOTLINE: 028 9084 8999
Email: mail@brettmartin.com

BRETT MARTIN BUILDING PRODUCTS LTD
SPEEDWELL IND ESTATE
STAVELEY, DERBYSHIRE
ENGLAND, S43 3JP
TEL: 01246 280000
FAX: 01246 280001
SALES HOTLINE: 01246 561100
Email: building@brettmartin.com

BRETT MARTIN SCOTLAND LTD
BLAIRLINN ROAD
CUMBERNAULD, GLASGOW
SCOTLAND, G67 2TF
TEL: 01236 725536
FAX: 01236 725871
Email: scotland@brettmartin.com

BRETT MARTIN INTERNATIONAL BV
NOORDMEERSTRAAT 13
2131 AD HOOFFDORP
NETHERLANDS
TEL: +31 (0) 23 5540955
FAX: +31 (0) 23 5540966
Email: international@brettmartin.com

For the latest information
visit the company's web site:
www.brettmartin.com



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