

TERRAIN



Terrain Drainage Systems

Product Guide



Terrain Drainage



Polypipe Terrain provides a comprehensive portfolio of drainage products and systems that are appropriate for a wide and varied range of commercial, industrial, housing and public sector applications, enabling the integration of an all-round drainage solution from a single specialist manufacturer.

Our unique approach to research and development consistently produces innovative new products that satisfy customer requirements. These are reflected across every area of Polypipe Terrain's range - from the new Terrain Acoustic dB12 acoustically-insulated soil and waste products through to the Terrain FUZE drainage system which is ideal for non-pressure above ground applications.

Each product bears the Polypipe Terrain hallmarks of high quality construction and reliability in use and all are backed by the company's outstanding technical advice and customer support service.

Sustainable Materials

Plastics – which feature among the most researched materials in the world – are integral to sustainable development. Thinner, lighter and more robust than most traditional materials thanks to continuous technological innovation, they help reduce energy use - and therefore greenhouse gases.

Sustainable Products

Finding sustainable product solutions is another of our ongoing commitments.

The rainwater harvesting system together with other water management solutions such as sustainable drainage systems (SUDS) are examples of a range of environmental management solutions that Polypipe Terrain can offer.

Sustainable Processes

Polypipe Terrain has always been committed to reducing waste and to recycling as much as possible of what we do produce.

These commitments apply to our manufacturing processes, recycling, waste policy and transport.

Everyone at Polypipe Terrain understands the importance of continuing to develop sustainable processes in everything that we do.

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Terrain Fabrication Services

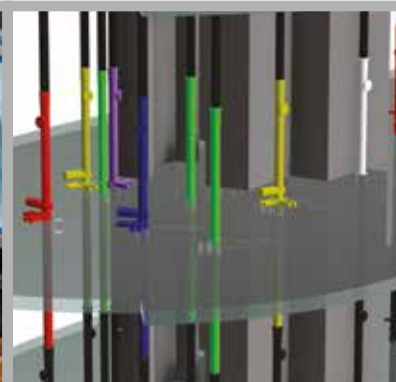
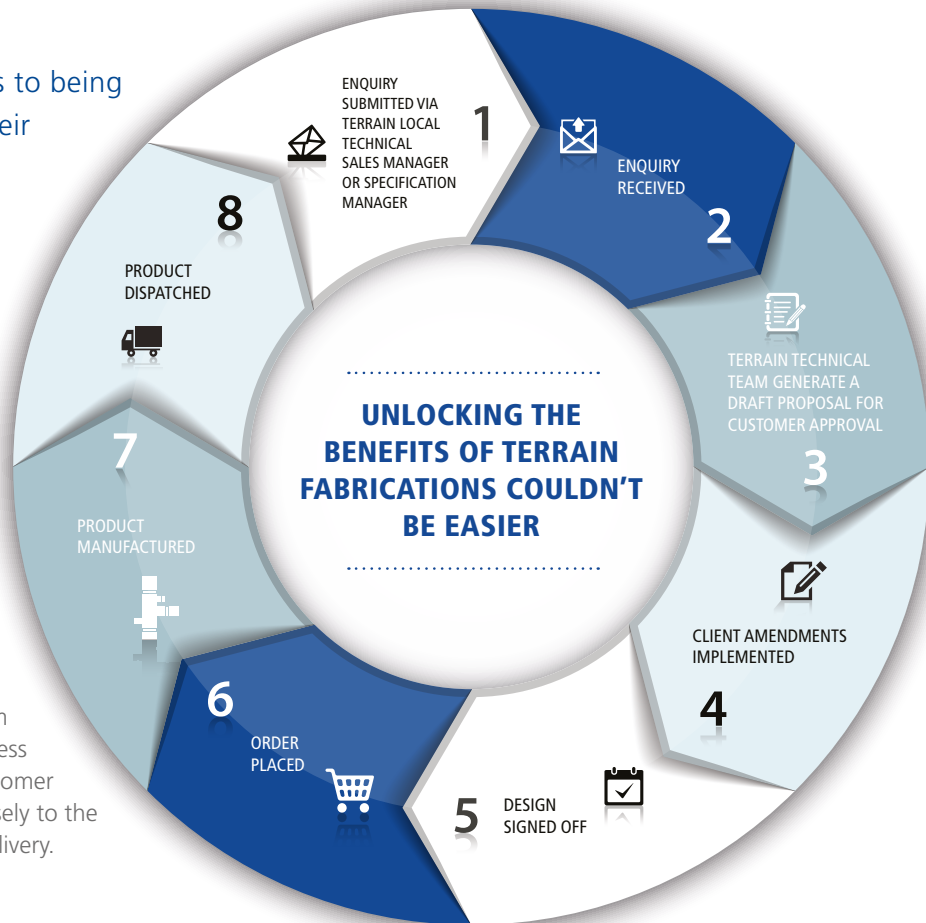
In 1964 Polypipe Terrain became the first manufacturer of PVC drainage products and latterly, pioneered production in the UK of other plastic materials for drainage such as HDPE.

All these materials lend themselves to being assembled in the factory due to their lightweight nature before being transported to site for simple installation. From complete drainage stacks to truly bespoke problem solving fittings, Terrain's Fabrication Service has delivered many benefits to the construction market for over 40 years, such benefits include reduced risk and savings on materials and labour.

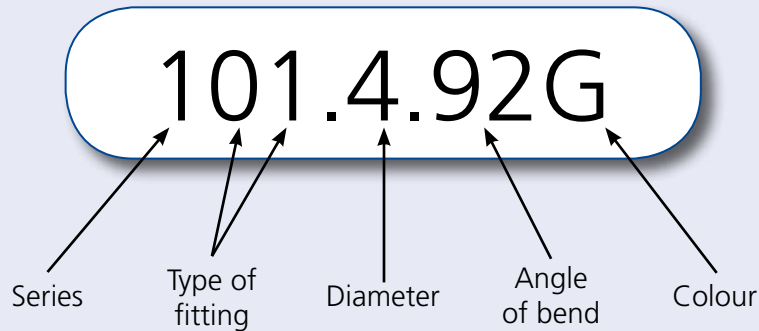
The 8 simple steps on the right will provide installers and end users with a range of products. These products can be trusted for quality and designed to provide optimum performance once installed. Key to the success of the Terrain Fabrication department is customer satisfaction. This is achieved by working closely to the client's schedule, from design through to delivery.

As a result of this customer focus the Terrain Fabrication department have delivered standard drainage stacks, bespoke drainage stacks and truly bespoke drainage fittings to some of the UK's most iconic buildings including:

- **The Gherkin**
- **The Walkie Talkie**
- **St George's Park (Burton upon Trent)**
- **The Sahara Project, Qatar (Bioroc application)**



A Guide to the Terrain PVC Drainage Numbering System



Above Ground Drainage

Series

- 100 = PVCu Solvent Weld Soil
- 100P = PVCu Push Fit Soil
- 200 = MuPVC Solvent Weld Waste
- 300 = PP Push Fit Waste
- 400 = Traps
- 500 = PVCu Overflow
- 900 = FUZE

Diameter


- 3 = 3" or 82mm O/D soil
- 4 = 4" or 110mm O/D soil
- 6 = 6" or 160mm O/D soil
- 8 = 8" or 200mm O/D soil
- 10 = 10" or 250mm O/D soil
- 1.25 = 1¼" or 32mm
- 1.5 = 1½" or 40mm
- 2 = 2" or 50mm

Type of Fitting

- 100 = Pipe
 - 101 = Bend (Double Socket)
 - 104 = Branch
 - 106 = Corner Branches
 - 107 = Bend (Spigot Socket)
 - 110/111 = Couplings
 - 13x = Access Fittings
- (these numbers are the same for all series)

Colour

- G = Grey
- B = Black
- W = White
- R = Rustic (Brown)

Products marked  in the product listings are available in CAD form for ready incorporation into design drawings. If you would like a disk or CD ROM in the appropriate format, simply contact the Technical Advisory Service on 01622 795200.

Terrain



Introduction

Having pioneered the development of solvent-welded systems, Terrain soil and waste products represent the industry benchmark for quality, installation flexibility and product innovation backed by the highest levels of customer service.

Terrain systems include an extensive range of soil and waste drainage products for commercial, industrial, housing and public sector developments, all built on the strength of our Terrain brand.

Systems include solvent-welded and push-fit options for both soil and waste drainage; overflow and trap systems; and a comprehensive range of adaptors and accessories. Products are available in a range of colours.

- Industry leading range of solvent and push-fit soil and waste solutions.
- Unique products offer unrivalled installation options.
- High quality finish colour matched to Terrain rainwater systems.
- Suitable for commercial and domestic installations.

100-Solvent Terrain Soil System

82, 110 and 160mm PVCu soil pipes and fittings

- Wide range of bends, branches and access fittings to meet all application requirements
- Great problem solving products in the range

100P-PushFit Terrain Soil System

82, 110, 160, 200 and 250mm PVCu soil pipes and fittings for push-fit jointing

- Saves time and labour costs
- Also for use with Terrain roof outlets for rainwater drainage



200-Solvent Terrain Waste System

Solvent-welded MuPVC system

- 32, 40 and 50mm integrated systems
- Wide range of bends and adaptors
- Integrated floor gullies

300-PushFit Terrain Waste System

Push-fit polypropylene system

- 32, 40 and 50mm integrated systems
- Quick and easy to install
- Saves time and labour costs

400-Traps Terrain Traps

Polypropylene traps

- 32 and 40mm polypropylene traps
- Range includes self resealing bottle traps
- All traps have universal compression outlets which, in addition to all Terrain waste pipes, will accept other MuPVC waste pipe

500-Overflow Terrain Overflow System

Solvent-welded PVCu system for cold, non-pressure water

- 19mm PVCu pipe and fittings
- Range of tank connectors

Soil & Waste

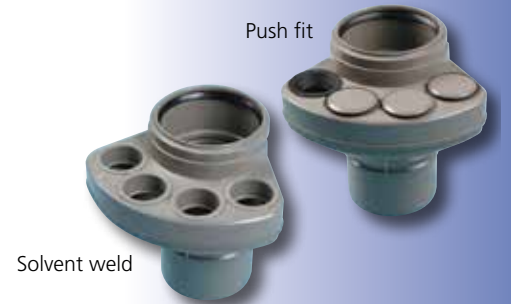


Innovative Products

Building on its reputation for innovation, Terrain has developed these problem solving products to offer unrivalled installation options

Universal Soil Manifold - Solvent Weld and Push Fit

- Assembled using mirror welding technology – providing a consistent, stronger and more durable weld
- The most compact four entry manifold available
- Terrain branded waste plugs, easily removable for installation flexibility
- See pages 11 and 14 for further details



Single Equal Branch – Variable Boss

- Unrivalled installation flexibility – branch and boss pipe incorporated in a single adjustable fitting
- Direct pipe connection (x2) for 50mm waste runs – no additional fitting required
- 3 Boss connections
- Joint design assures vertical alignment during installation and operation
- Anti-tamper proof joint means that major product parts can no longer be separated
- See page 8 for further details



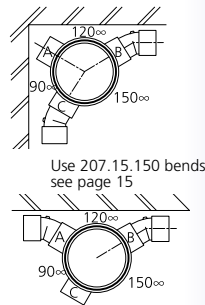
110mm Terrain Bespoke Soil/Waste Manifold

- The Terrain Bespoke Soil/Waste Manifold is available in PVC or HDPE material
- It can have a maximum of six waste inlets up to 56mm on HDPE or 50mm on the PVC
- The product can be produced bespoke to your requirements with inlets in any combination of the six positions
- They can be supplied with either a ring seal connector or a spigot as is required
- Allows for a very low entry of waste pipes into the main soil stack
- For further details please contact our Technical department on 01622 795200



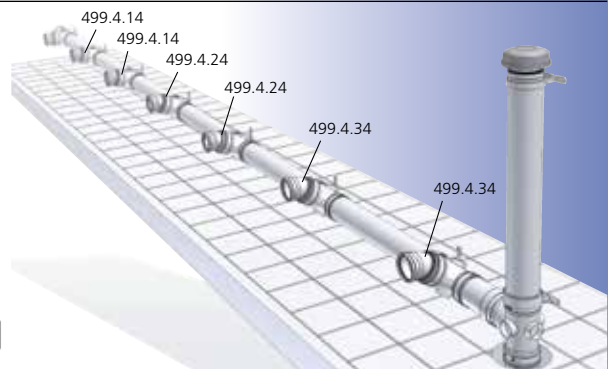
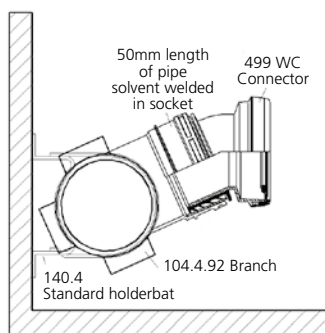
Triple Bossed Pipe Connector

- Needs fewer bends to connect to the waste than other products in the market
- Space saving
 - Can be fitted flat to the wall
 - Can be fitted in the corner or against the wall
 - Small overall size of fitting
- Allows connection of up to 3 waste pipes in to one compact fitting, accepts 1½" waste directly (solvent welded)
- See page 11 for further details



WC Manifolds

- Easy connection of a range of toilets to a horizontal float above floor level
- Ideal for schools, hospitals and other commercial buildings
- Available as a pre-fabricated item for easy installation and time savings on site
- See page 21 for Manifold WC Connectors



Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Soil pipe

Plain ended



| | | | | |
|----------|--|-----|------|-----------------|
| 82 (3m) | | GBW | 2/88 | 100.3.30 |
| 82 (4m) | | GBW | 2/88 | 100.3.40 |
| 110 (3m) | | GBW | 2/48 | 100.4.30 |
| 110 (4m) | | GBW | 2/48 | 100.4.40 |
| 160 (3m) | | G | 1/33 | 100.6.30 |
| 160 (4m) | | G | 1/33 | 100.6.40 |

| | |
|-----|----------|
| 82 | 100.3.30 |
| 82 | 100.3.40 |
| 110 | 100.4.30 |
| 110 | 100.4.40 |
| 160 | 100.6.30 |
| 160 | 100.6.40 |

Ring seal adaptor

Converts Terrain solvent socket to a ring seal expansion socket



| | | | |
|-----|-----|--------|--------------|
| 82 | GB | 10/120 | 109.3 |
| 110 | GBW | 10/80 | 109.4 |
| 160 | G | 5/60 | 109.6 |

Straight coupler double socket

Double solvent socket



| | | | |
|-----|-----|------|--------------|
| 82 | GBW | 5/85 | 110.3 |
| 110 | GBW | 5/60 | 110.4 |
| 160 | G | 10 | 110.6 |

Expansion coupler

To allow expansion in longer pipe runs.



| | | | |
|-----|-----|------|--------------|
| 82 | GBW | 5/65 | 111.3 |
| 110 | GBW | 10 | 111.4 |
| 160 | G | 3/90 | 111.6 |

Slip coupler

Double ring seal socket. No central stop.



| | | | |
|-----|----|-------|----------------|
| 82 | G | 5/30 | 111.5.3 |
| 110 | GB | 5/15 | 111.5.4 |
| 160 | G | 5/150 | 111.5.6 |

Swept bend double socket

(82mm) 92½° and 135° as standard.
(110mm) 92½°, 104°, 112½° and 135° as standard.



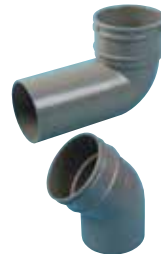
| | | | | |
|--------------|------|-----|--------|------------------|
| 82 | 92½ | GBW | 5/40 | 101.3.92 |
| 110 | 92½ | GBW | 10/130 | 101.4.92 |
| Radius 104mm | | | | |
| 160 | 92½ | G | 2/60 | 101.6.92 |
| 110 | 104 | G | 5/20 | 101.4.104 |
| 110 | 112½ | GB | 5/20 | 101.4.112 |
| 82 | 135 | GBW | 5/50 | 101.3.135 |
| 110 | 135 | GBW | 5/30 | 101.4.135 |
| 160 | 135 | G | 4/120 | 101.6.135 |

Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Spigot socket bends



Long tail.

| | | | | |
|-----|-----|-----|--------|-----------------|
| 82 | 92½ | G | 5/40 | 107.3.92 |
| 110 | 92½ | GBW | 10/300 | 107.4.92 |

| | | | | |
|-----|-----|-----|--------|-------------------|
| 110 | 135 | GBW | 15/450 | 107.4.135 |
| 160 | 135 | G | 8 | 107P.6.135 |

Variable bend spigot/socket

Adjustable 0-25°.



| | | | | |
|-----|------|---|------|------------------|
| 110 | 0-25 | G | 5/25 | 107.4.025 |
|-----|------|---|------|------------------|

Double spigot

| | | | | |
|-----|------|---|------|------------------|
| 110 | 0-25 | G | 5/20 | 101.4.025 |
|-----|------|---|------|------------------|

Single equal branch triple socket

With boss connections.



| | |
|-----------|--------------|
| 104.3.92 | 2 boss horns |
| 104.4.92 | 3 boss horns |
| 104.4.924 | 4 boss horns |
| 104.6.92 | 5 boss horns |

Connect to boss horns using 117 boss adaptors see page 11

| | | | | |
|-----|-----|-----|-------|------------------|
| 82 | 92½ | GBW | 5/25 | 104.3.92 |
| 82 | 135 | GB | 5/50 | 104.3.135 |
| 110 | 92½ | GBW | 7 | 104.4.92 |
| 110 | 92½ | GBW | 5/150 | 104.4.924 |
| 160 | 92½ | G | 4/72 | 104.6.92† |

†Push-fit only

Single equal branch

†2 waste boss connections. * No boss connections.



| | | | | |
|------|-----|-----|------|--------------------|
| 110† | 104 | G | 5/10 | 104.4.104 |
| 110* | 135 | GBW | -/6 | 104.4.135 |
| 160 | 135 | G | 5 | 104A5.6.135 |

Cannot be used with 109.6
Solvent weld all sockets

| | | | | |
|-----|-----|---|------|------------------|
| 160 | 135 | G | 3/54 | 104.6.135 |
|-----|-----|---|------|------------------|

Push-fit only

Single branch spigot outlet

With boss connections.
4 boss horns.



| | | | | |
|-----|-----|----|-----|-------------------|
| 110 | 92½ | GB | -/4 | 104.104.92 |
|-----|-----|----|-----|-------------------|

Single equal branch variable boss

2 boss horns
2 waste sockets.
Spigot outlet



| | | | | |
|-----|-----|---|-----|-------------------|
| 110 | 92½ | G | -/4 | 104.412.92 |
|-----|-----|---|-----|-------------------|

Socket outlet

| | | | | |
|-----|-----|---|-----|-------------------|
| 110 | 92½ | G | -/3 | 104.422.92 |
|-----|-----|---|-----|-------------------|

Soil & Waste

Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Single unequal branch triple socket



2 boss horns.

| | | | | |
|---------|-----|-----|-----|------------------|
| 160/110 | 92½ | ☑ G | -/3 | 104.64.92 |
|---------|-----|-----|-----|------------------|



No waste boss connections.

| | | | | |
|---------|-----|-----|-----|-------------------|
| 160/110 | 135 | ☑ G | -/2 | 104.64.135 |
|---------|-----|-----|-----|-------------------|

Corner branch all socket



2 boss horns.

| | | | | |
|-----|-----|-----|---|-------------------|
| 110 | 92½ | ☑ G | 5 | 106.490.92 |
|-----|-----|-----|---|-------------------|

Corner boss branch



2 boss horns. 2 waste sockets.

Spigot outlet

| | | | | |
|-----|-----|---|-------|-------------------|
| 110 | 92½ | G | 7/126 | 106.490.12 |
|-----|-----|---|-------|-------------------|

Socket outlet

| | | | | |
|-----|-----|-----|-----|-------------------|
| 110 | 92½ | ☑ G | -/3 | 106.490.22 |
|-----|-----|-----|-----|-------------------|

Double branch



4 boss horns.
Spigot outlet

| | | | | |
|-----|-----|-----|-----|-------------------|
| 110 | 92½ | ☑ G | 2/2 | 106.104.92 |
|-----|-----|-----|-----|-------------------|

4 boss horns.
Socket outlet

| | | | | |
|-----|-----|------|------|-----------------|
| 110 | 92½ | ☑ GW | 2/60 | 106.4.92 |
|-----|-----|------|------|-----------------|



2 bosses.

| | | | | |
|-----|-----|-----|-----|------------------|
| 110 | 135 | ☑ G | -/3 | 106.4.135 |
|-----|-----|-----|-----|------------------|

| | | | | |
|----|----|-----|------|-----------------|
| 82 | 92 | ☑ G | -/20 | 106.3.92 |
|----|----|-----|------|-----------------|

No bosses

| | | | | |
|-----|-----|-----|-----|------------------|
| 160 | 135 | ☑ G | -/5 | 106.6.135 |
|-----|-----|-----|-----|------------------|

Cannot be used with 109.6

Double unequal branch



2 boss horns.

| | | | | |
|---------|-----|-----|-----|------------------|
| 160/110 | 92½ | ☑ G | -/2 | 106.64.92 |
|---------|-----|-----|-----|------------------|

| | | | | |
|---------|-----|---|--|-------------------|
| 160/110 | 135 | G | | 106.64.135 |
|---------|-----|---|--|-------------------|

Access pipe double socket



| | | | | |
|-----|--|-------|------|--------------|
| 110 | | ☑ GBW | -/10 | 138.4 |
|-----|--|-------|------|--------------|

Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Access pipe spigot outlet



| | | | | |
|-----|--|------|------|--------------|
| 110 | | ☑ GB | -/10 | 139.4 |
|-----|--|------|------|--------------|

| | | | | |
|-----|--|-----|------|--------------|
| 160 | | ☑ G | -/10 | 139.6 |
|-----|--|-----|------|--------------|

Cannot be used with 109.6

Access pipe connector

2 boss horns.

| | | | | |
|----|--|-------|------|--------------|
| 82 | | ☑ GBW | 5/25 | 137.3 |
|----|--|-------|------|--------------|

4 boss horns.

| | | | | |
|-----|--|-------|------|--------------|
| 110 | | ☑ GBW | 5/15 | 137.4 |
|-----|--|-------|------|--------------|



Access bend double socket



| | | | | |
|-----|-----|-------|------|-----------------|
| 110 | 92½ | ☑ GBW | 5/15 | 103.4.92 |
|-----|-----|-------|------|-----------------|

Single access branch triple socket



4 boss horns.

| | | | | |
|-----|-----|------|-----|-----------------|
| 110 | 92½ | ☑ GB | -/6 | 105.4.92 |
|-----|-----|------|-----|-----------------|

Pipe access door



| | | | | |
|----|--|-----|------|--------------|
| 82 | | ☑ G | 5/90 | 135.3 |
|----|--|-----|------|--------------|

| | | | | |
|-----|--|------|------|--------------|
| 110 | | ☑ GB | 5/45 | 135.4 |
|-----|--|------|------|--------------|

| | | | | |
|-----|--|-----|------|--------------|
| 160 | | ☑ G | 5/50 | 135.6 |
|-----|--|-----|------|--------------|

Access cap



| | | | | |
|----|--|------|------|--------------|
| 82 | | ☑ GW | 5/70 | 136.3 |
|----|--|------|------|--------------|

| | | | | |
|-----|--|-------|------|--------------|
| 110 | | ☑ GBW | 5/30 | 136.4 |
|-----|--|-------|------|--------------|

| | | | | |
|-----|--|-----|------|--------------|
| 160 | | ☑ G | 5/35 | 136.6 |
|-----|--|-----|------|--------------|

Access door with test nipple

Standard oval access door with test nipple for manometer connection.

| | | |
|-----|---|------------------|
| GBW | 1 | 6592/DVW* |
|-----|---|------------------|



*Fabricated item

Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Thermal movement limiter



| | | | | |
|-----|--|------|------|--------------|
| 82 | | Self | 1/20 | 190.3 |
| 110 | | Self | 5/15 | 190.4 |
| 160 | | Self | 1/5 | 190.6 |

Intermediate support bracket

To support horizontal pipework.



| | | | | |
|-----|--|------|------|--------------|
| 82 | | Self | 1/30 | 191.3 |
| 110 | | Self | 1/20 | 191.4 |
| 160 | | Self | -/10 | 191.6 |

Two piece pipe bracket

Galvanised steel



| | | | | |
|-----|--|------|-------|--------------|
| 82 | | Self | 10/40 | 140.3 |
| 110 | | Self | 10/30 | 140.4 |
| 160 | | Self | 5/25 | 140.6 |

One piece pipe bracket



| | | | | |
|-----|--|-----|--------|--------------|
| 82 | | GBW | 10/150 | 143.3 |
| 110 | | GBW | 10/80 | 143.4 |

Adjustable pipe bracket plastic coated

Both have self coloured backplates.



| | | | | |
|-----|--|----|------|--------------|
| 110 | | BW | 1/30 | 144.4 |
|-----|--|----|------|--------------|

Pipe bracket galvanised drive-in



| | | | | |
|-----|--|------|-------|--------------|
| 110 | | Self | 10/20 | 142.4 |
|-----|--|------|-------|--------------|

Weathering apron

Makes weathertight cover between soil pipe and lead slate at roof level.



For lead slates

| | | | | |
|-----|--|-----|------|--------------|
| 82 | | GB | 5/60 | 131.3 |
| 110 | | GBW | 5/90 | 131.4 |
| 160 | | G | 5/50 | 131.6 |

For asphalt upstand



| | | | | |
|-----|--|---|------|------------------|
| 82 | | G | 5/35 | 131.3.200 |
| 110 | | G | 5/30 | 131.4.200 |

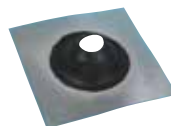
Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Weathering slates

Makes watertight seal around pipe at roof level. Available for flat or pitched roof.



Colours: Base – Aluminium. Cone – Black

For flat roof
82 to 110 Alu/B -/10 **149.16.00**

For sloping roof (min 30°)
82 to 110 Alu/B 1/10 **149.18.22**

For sloping roof (min 17°)
82 to 110 Alu/B 1/10 **149.24.22**

Vent Cowl



| | | | | |
|-----|--|-----|-------|--------------|
| 82 | | G | 5/120 | 150.3 |
| 110 | | GBW | 5/185 | 150.4 |
| 160 | | G | 5/65 | 150.6 |

Duct cowl



Stops rainwater from entering ventilation ducts.

| | | | | |
|-----|--|----|------|--------------|
| 110 | | GB | 5/25 | 152.4 |
| 160 | | G | | 152.6 |

Automatic air admittance valve



Allows air to enter soil system, protecting water seals in traps from effects of negative pressure.

| | | | | |
|-----|--|---|------|--------------|
| 110 | | W | 5/15 | 153.4 |
| 82 | | W | 5/15 | 153.3 |

Two part waste boss solvent socket

For 32mm waste pipe

| | | | | |
|--------|--|---|-------|------------------|
| 110/32 | | G | 5/200 | 112.4.125 |
|--------|--|---|-------|------------------|

For 40mm waste pipe

| | | | | |
|--------|--|---|-------|-----------------|
| 82/40 | | G | 5/150 | 112.3.15 |
| 110/40 | | G | 5/150 | 112.4.15 |

For 50mm waste pipe

| | | | | |
|--------|--|---|-------|----------------|
| 110/50 | | G | 5/100 | 112.4.2 |
| 160/50 | | G | 5/100 | 112.6.2 |

Socket plug

With boss horn



| | | | | |
|-----|--|-----|------|--------------|
| 110 | | GBW | 5/50 | 130.4 |
| 160 | | G | 5/35 | 130.6 |

Self locking boss seal ring socket

For 32mm waste pipe

| | | | | |
|--------|--|---|--------|------------------|
| 110/32 | | G | 10/130 | 122.4.125 |
|--------|--|---|--------|------------------|

For 40mm waste pipe

| | | | | |
|--------|--|----|--------|-----------------|
| 110/40 | | GB | 10/100 | 122.4.15 |
|--------|--|----|--------|-----------------|

For 50mm waste pipe

| | | | | |
|--------|--|-----|-------|----------------|
| 110/50 | | GBW | 10/60 | 122.4.2 |
|--------|--|-----|-------|----------------|

Soil & Waste

Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Single bossed pipe connector double socket



For 32mm waste pipe

| | | | | |
|--------|---|-----|------|------------------|
| 110/32 | ▽ | GBW | 5/30 | 120.4.125 |
|--------|---|-----|------|------------------|

For 40mm waste pipe

| | | | | |
|--------|---|-----|------|-----------------|
| 110/40 | ▽ | GBW | 5/30 | 120.4.15 |
|--------|---|-----|------|-----------------|

For 50mm waste pipe†

| | | | | |
|--------|---|-----|------|--------------|
| 110/50 | ▽ | GBW | 5/30 | 123.4 |
|--------|---|-----|------|--------------|

†Requires a boss adaptor

Single bossed pipe connector spigot



For 40mm waste pipe

| | | | | |
|--------|---|---|------|-------------------|
| 110/40 | ▽ | G | 5/30 | 120.412.15 |
|--------|---|---|------|-------------------|

Double bossed pipe connector double socket



2 50mm waste sockets
2 blanking plugs

For 50mm waste pipes (40mm with adaptor)

| | | | | |
|-------|---|----|------|----------------|
| 82/50 | ▽ | GB | 5/30 | 120.3.2 |
|-------|---|----|------|----------------|

Triple bossed pipe connector double socket



For 40mm waste pipe. 1 blank plug.

| | | | | |
|--------|---|----|------|-----------------|
| 110/40 | ▽ | GB | 5/25 | 121.4.15 |
|--------|---|----|------|-----------------|

Four way boss pipe double solvent socket



2 boss horns, 2 waste sockets.

| | | | | |
|-----|---|----|-----|----------------|
| 110 | ▽ | GB | 5/9 | 120.4.2 |
|-----|---|----|-----|----------------|

Four way boss pipe solvent socket/spigot



2 boss horns, 2 waste sockets.

| | | | | |
|-----|---|---|-----|------------------|
| 110 | ▽ | G | 5/9 | 120.412.2 |
|-----|---|---|-----|------------------|

Universal soil manifold

For Solvent waste connections



For connection of BS 5255 40mm waste pipes at floor level. Incorporates 4 inlets to accept 40mm waste pipes without need for adaptors. Use with Swivel Elbow or Swept Bend.

For push fit version see page 13

| | | | | |
|-----|--|---|---|-------------------|
| 110 | | G | 5 | 119.412.15 |
|-----|--|---|---|-------------------|

Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Socket reducer socket/spigot



| | | | | | |
|-------|--|---|----|------|----------------|
| 82/50 | | ▽ | GW | 5/90 | 124.3.2 |
|-------|--|---|----|------|----------------|

| | | | | | |
|--------|--|---|-----|------|----------------|
| 110/50 | | ▽ | GBW | 5/60 | 124.4.2 |
|--------|--|---|-----|------|----------------|

| | | | | | |
|--------|--|---|----|------|----------------|
| 110/82 | | ▽ | GB | 5/60 | 124.4.3 |
|--------|--|---|----|------|----------------|

| | | | | | |
|---------|--|---|---|------|----------------|
| 160/110 | | ▽ | G | 5/45 | 124.6.4 |
|---------|--|---|---|------|----------------|

Straight boss adaptor ring seal socket

For 32mm waste pipe. Use on 82, 110 & 160mm stacks



| | | | | | |
|----|--|---|-----|-------|----------------|
| 82 | | ▽ | GBW | 5/180 | 117.125 |
|----|--|---|-----|-------|----------------|

| | | | | | |
|-----|--|---|-----|-------|----------------|
| 110 | | ▽ | GBW | 5/180 | 117.125 |
|-----|--|---|-----|-------|----------------|

| | | | | | |
|-----|--|---|-----|-------|----------------|
| 160 | | ▽ | GBW | 5/180 | 117.125 |
|-----|--|---|-----|-------|----------------|

For 40mm waste pipe. Use on 82, 110 & 160mm stacks

| | | | | | |
|----|--|---|-----|-------|---------------|
| 82 | | ▽ | GBW | 5/160 | 117.15 |
|----|--|---|-----|-------|---------------|

| | | | | | |
|-----|--|---|-----|-------|---------------|
| 110 | | ▽ | GBW | 5/160 | 117.15 |
|-----|--|---|-----|-------|---------------|

| | | | | | |
|-----|--|---|-----|-------|---------------|
| 160 | | ▽ | GBW | 5/160 | 117.15 |
|-----|--|---|-----|-------|---------------|

For 50mm waste pipe. Use on 82, 110 & 160mm stacks

| | | | | | |
|----|--|---|-----|-------|--------------|
| 82 | | ▽ | GBW | 5/100 | 117.2 |
|----|--|---|-----|-------|--------------|

| | | | | | |
|-----|--|---|-----|-------|--------------|
| 110 | | ▽ | GBW | 5/100 | 117.2 |
|-----|--|---|-----|-------|--------------|

| | | | | | |
|-----|--|---|-----|-------|--------------|
| 160 | | ▽ | GBW | 5/100 | 117.2 |
|-----|--|---|-----|-------|--------------|

Boss adaptor bend solvent socket

For 40mm waste pipe. Use on 82, 110 & 160mm stacks



| | | | | | |
|----|--|---|----|--------|------------------|
| 82 | | ▽ | GW | 10/130 | 117.15.90 |
|----|--|---|----|--------|------------------|

| | | | | | |
|-----|--|---|----|--------|------------------|
| 110 | | ▽ | GW | 10/130 | 117.15.90 |
|-----|--|---|----|--------|------------------|

| | | | | | |
|-----|--|---|----|--------|------------------|
| 160 | | ▽ | GW | 10/130 | 117.15.90 |
|-----|--|---|----|--------|------------------|

For 50mm waste pipe. Use on 82, 110 & 160mm stacks

| | | | | | |
|----|--|---|-----|--------|-----------------|
| 82 | | ▽ | GBW | 10/200 | 117.2.90 |
|----|--|---|-----|--------|-----------------|

| | | | | | |
|-----|--|---|-----|--------|-----------------|
| 110 | | ▽ | GBW | 10/200 | 117.2.90 |
|-----|--|---|-----|--------|-----------------|

| | | | | | |
|-----|--|---|-----|--------|-----------------|
| 160 | | ▽ | GBW | 10/200 | 117.2.90 |
|-----|--|---|-----|--------|-----------------|

| | | | | | |
|----|--|---|---|--------|------------------|
| 82 | | ▽ | G | 10/120 | 117.2.150 |
|----|--|---|---|--------|------------------|

| | | | | | |
|-----|--|---|---|--------|------------------|
| 110 | | ▽ | G | 10/120 | 117.2.150 |
|-----|--|---|---|--------|------------------|

| | | | | | |
|-----|--|---|---|--------|------------------|
| 160 | | ▽ | G | 10/120 | 117.2.150 |
|-----|--|---|---|--------|------------------|

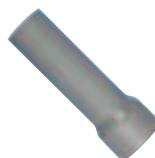
Adaptor to underground drain

Push fit into bore of underground pipe.



| | | | | | |
|--------|--|--|---|------|-------------|
| 82/110 | | | B | 5/50 | 4DW3 |
|--------|--|--|---|------|-------------|

Adaptor to cast iron spigot



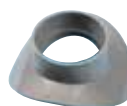
| | | | | | |
|----|--|--|---|------|-----------------|
| 82 | | | G | 5/30 | 126.3.12 |
|----|--|--|---|------|-----------------|

| | | | | | |
|-----|--|--|---|------|-----------------|
| 110 | | | G | 5/15 | 126.4.12 |
|-----|--|--|---|------|-----------------|

Requires seal 9120 for 82mm & 9199.B for 110mm

Adaptor saddles

Used with 117 Waste Adaptors to enable direct connection of 32mm, 40mm and 50mm waste pipe to soil pipe



| | | | | | |
|--------|--|--|---|-------|---------------|
| 110/40 | | | G | 5/140 | 115P.4 |
|--------|--|--|---|-------|---------------|

Soil Systems - 100 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

PVCu caulking bush



To connect soil pipe to sockets of other material.

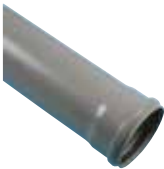
| | | | | |
|-----|---|---|------|--------------|
| 110 | ▽ | G | 5/40 | 132.4 |
|-----|---|---|------|--------------|

Soil Systems - 100P Pushfit



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Soil pipe single socket ended



| | | | | |
|----------|---|----|------|------------------|
| 82 (3m) | ▽ | G | 1/88 | 100P.3.30 |
| 82 (4m) | ▽ | G | 1/88 | 100P.3.40 |
| 110 (3m) | ▽ | GB | 2/67 | 100P.4.30 |
| 110 (4m) | ▽ | G | 2/67 | 100P.4.40 |
| 160 (3m) | ▽ | G | 1/33 | 100P.6.30 |
| 160 (4m) | ▽ | G | 1/33 | 100P.6.40 |

| | |
|-----|-----------|
| 82 | 100P.3.30 |
| 82 | 100P.3.40 |
| 110 | 100P.4.30 |
| 110 | 100P.4.40 |
| 160 | 100P.6.30 |
| 160 | 100P.6.40 |

Slip coupler double socket



| | | | |
|-----|---|------|----------------|
| 110 | G | 5/40 | 111.SP4 |
|-----|---|------|----------------|

Straight coupler double socket



With central stop.

| | | | | |
|-----|---|----|-------|---------------|
| 82 | ▽ | G | 10/30 | 110P.3 |
| 110 | ▽ | GB | 5/40 | 110P.4 |
| 160 | ▽ | G | -/10 | 110P.6 |

Pipe end socket spigot/socket



| | | | | |
|-----|---|----|-------|---------------|
| 82 | ▽ | G | 10/60 | 111P.3 |
| 110 | ▽ | GB | -/20 | 111P.4 |
| 160 | G | 5 | | 111P.6 |

Swept bend spigot/socket



| | | | | | |
|-----|------|---|----|------|-------------------|
| 82 | 92½ | ▽ | G | 5/25 | 101P.3.92 |
| 110 | 92½ | ▽ | GB | -/10 | 101P.4.92 |
| 160 | 92½ | ▽ | G | -/4 | 101P.6.92 |
| 110 | 112½ | ▽ | G | -/10 | 101P.4.112 |
| 82 | 135 | ▽ | G | 5/40 | 107P.3.135 |
| 110 | 135 | ▽ | GB | -/15 | 107P.4.135 |
| 160 | 135 | ▽ | G | -/8 | 107P.6.135 |

Tight radius bend spigot/socket



| | | | | | |
|-----|-----|---|---|------|------------------|
| 110 | 92½ | ▽ | G | -/10 | 107P.4.92 |
|-----|-----|---|---|------|------------------|

Soil Systems - 100P Pushfit



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

2 Part variable bend



| | | | | |
|-----|--------|---|----|-------------------|
| 110 | 20-87½ | G | 10 | 107P.4.VAR |
|-----|--------|---|----|-------------------|

Single branch spigot outlet

With boss connections.

2 boss horns.



| | | | | | |
|----|-----|---|---|------|------------------|
| 82 | 92½ | ▽ | G | 5/15 | 104P.3.92 |
|----|-----|---|---|------|------------------|

5 boss horns.



| | | | | | |
|-----|-----|----|---|------------------|------------------|
| 110 | 92½ | GB | 8 | 104P.4.92 | |
| 160 | 92½ | ▽ | G | 1/4 | 104P.6.92 |

| | | | | |
|-----|------|---|-----|-------------------|
| 110 | 112½ | G | 1/5 | 104P.4.112 |
|-----|------|---|-----|-------------------|

Single unequal branch spigot outlet

2 boss horns.



| | | | | |
|-----|-----|---|-----|-------------------|
| 160 | 87½ | G | -/5 | 104P.64.92 |
|-----|-----|---|-----|-------------------|

Single unequal branch spigot outlet

No boss horns.



| | | | | |
|-----|----|---|-----|--------------------|
| 160 | 45 | G | -/5 | 104P.64.135 |
|-----|----|---|-----|--------------------|

Single branch

No boss connections.



| | | | | |
|----|-----|---|------|-------------------|
| 82 | 135 | G | -/10 | 104P.3.135 |
|----|-----|---|------|-------------------|

Single equal branch plain

No boss connections.



| | | | | | |
|-----|-----|---|---|-----|-------------------|
| 110 | 135 | ▽ | G | -/6 | 104P.4.135 |
|-----|-----|---|---|-----|-------------------|

Single branch plain

No boss connections.



| | | | | |
|-----|-----|---|-----|-------------------|
| 160 | 135 | G | -/5 | 104P.6.135 |
|-----|-----|---|-----|-------------------|

Corner boss branch











| | | | | |
|-----|-----|---|---|--------------------|
| 110 | 92½ | G | 5 | 106E.490.12 |
|-----|-----|---|---|--------------------|

Soil & Waste








Soil Systems - 100P Pushfit



| | Size mm | Angle | Col | Pack/Box | Code |
|---|---------|-------|------|----------|--------------------|
| Corner branch spigot outlet | | | | | |
|  | 110 | 92½ | G | 5 | 106P.490.92 |
| Single branch socket outlet | | | | | |
|  | 110 | 135 | G | 5 | 104E.4.135 |
| Branch socket outlet | | | | | |
|  | 110 | 92½ | G | 5 | 104E.4.92 |
| Single equal branch variable boss | | | | | |
|  | 110 | 92½ | G | 5 | 104E.412.92 |
| Adjustable bend spigot outlet | | | | | |
|  | 110 | | G | 5 | 107P.4.025 |
| Double equal branch spigot outlet | | | | | |
|  | 110 | 92½ | GB | -/2 | 106P.4.92 |
| 4 boss connections. | | | | | |
| Access pipe and cover single socket | | | | | |
|  | 82 | | ▽ G | -/10 | 139P.3 |
|  | 110 | | ▽ GB | -/10 | 139P.4 |
|  | 160 | | ▽ G | 1/5 | 139P.6 |
| Access door aperture size: 172 x 130mm diameter – secured by 2 screws. | | | | | |

Soil Systems - 100P Pushfit



| | Size mm | Angle | Col | Pack/Box | Code |
|---|---------|-------|-------|----------|-------------------|
| Access bend single socket | | | | | |
| Access door aperture size: 110 x 80mm diameter – secured by locking mechanism (use self tapping screw for anti-vandal locking). | | | | | |
|  | 82 | 92½ | G | -/5 | 103P.3.92 |
| | 110 | 92½ | GB | -/5 | 103P.4.92 |
| | 160 | 92½ | G | -/5 | 103P.6.92 |
| Double socket bend | | | | | |
|  | 110 | 92½ | G | 5 | 101D.4.92 |
| Access single equal branch single outlet | | | | | |
| With waste boss connections. 4 boss horns. | | | | | |
| Access door aperture size: 114 x 80mm diameter – secured by locking mechanism (use self tapping screw for anti-vandal locking). | | | | | |
|  | 82 | 87½ | G | -/4 | 105P.3.92 |
| | 110 | 92½ | ▽ G | -/4 | 105P.4.92 |
| Access door with test nipple | | | | | |
| Standard oval access door with test nipple for manometer connection. | | | | | |
|  | 127 | | GBW | 1 | 6592/DVW* |
| *Fabricated item | | | | | |
| Access Cap | | | | | |
|  | 82 | | G | 5/40 | 136P.3 |
| | 110 | | GB | 5/40 | 136P.4 |
| | 160 | | G | -/15 | 136P.6 |
| Strap-on boss | | | | | |
| For 32mm waste pipe | | | | | |
|  | 110/32 | | GB | 10/100 | 112P.4.125 |
| For 40mm waste pipe | | | | | |
| | 110/40 | | GB | 10/90 | 112P.4.15 |
| For 50mm waste pipe | | | | | |
| | 110/50 | | GB | 10/90 | 112P.4.2 |
| Straight boss adaptors | | | | | |
| For 32mm waste pipe. Use on 82, 110 & 160mm stacks | | | | | |
|  | 82 | | ▽ GBW | 10/180 | 117.125 |
| | 110 | | ▽ GBW | 10/180 | 117.125 |
| | 160 | | ▽ GBW | 10/180 | 117.125 |
| For 40mm waste pipe. Use on 82, 110 & 160mm stacks | | | | | |
| | 82 | | ▽ GBW | 5/160 | 117.15 |
| | 110 | | ▽ GBW | 5/160 | 117.15 |
| | 160 | | ▽ GBW | 5/160 | 117.15 |
| For 50mm waste pipe | | | | | |
| | 82 | | ▽ GBW | 5/120 | 117.2 |
| | 110 | | ▽ GBW | 5/120 | 117.2 |
| | 160 | | ▽ GBW | 5/120 | 117.2 |

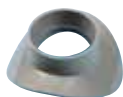
Soil Systems - 100P Pushfit



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Adaptor saddles

Used with 117 Waste Adaptors to enable direct connection of 32mm, 40mm and 50mm waste pipe to soil pipe.



| | | | | |
|--------|---|---|-------|---------------|
| 110/40 | ▽ | G | 5/140 | 115P.4 |
|--------|---|---|-------|---------------|

Reducers



| | | | | |
|---------|---|---|------|-----------------|
| 82/50 | ▽ | G | 5/60 | 124P.3.2 |
| 110/50 | ▽ | G | 5/50 | 124P.4.2 |
| 110/82 | ▽ | G | 5/40 | 124P.4.3 |
| 160/110 | ▽ | G | 5/15 | 124P.6.4 |

Short bossed pipe

With boss connection



| | | | | |
|-----|--|----|------|---------------|
| 82 | | G | 5/20 | 123P.3 |
| 110 | | GB | -/10 | 123P.4 |

82mm boss pipe ring seal

1 boss horn, 2 x 40mm waste bosses



| | | | | |
|----|--|---|-----|-----------------|
| 82 | | G | -/5 | 123P.312 |
|----|--|---|-----|-----------------|

Four way boss pipe pushfit socket/spigot

2 boss horns. 2 waste sockets.



| | | | | |
|-----|---|---|------|-------------------|
| 110 | ▽ | G | 5/15 | 120P.412.2 |
|-----|---|---|------|-------------------|

Triple boss collar

2 boss horns. 1 waste socket



| | | | | |
|--------|--|----|------|------------------|
| 110/40 | | GB | 5/30 | 120P.4.15 |
|--------|--|----|------|------------------|

Socket Plug

With boss horn



| | | | | |
|-----|---|-----|------|--------------|
| 110 | ▽ | GBW | 5/50 | 130.4 |
| 160 | ▽ | G | 5/35 | 130.6 |

Soil Systems - 100P Pushfit



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Universal soil manifold

For Pushfit waste connections
For connection of BS 5254/BS 5255 32mm and 40mm waste pipes at floor level.



Incorporates 4 inlets to accept 32mm or 40mm waste pipes without need for adaptors. Use with Swivel Elbow or Swept Bend. Complete with 4 sealing gaskets, and 3 removable plugs.

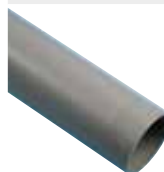
For solvent version see page 11

| | | | | |
|-----|--|---|--------|------------------|
| 110 | | G | -10/10 | 119P.4.15 |
|-----|--|---|--------|------------------|

Soil Systems - 100P Pushfit Large Diameter

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Soil Pipe



| | | | | |
|-----|--|---|--|------------------|
| 200 | | G | | 100.8.40 |
| 250 | | G | | 100.10.40 |

Straight coupler



| | | | | |
|-----|--|---|--|----------------|
| 200 | | G | | 110P.8 |
| 250 | | G | | 110P.10 |

Spigot socket bend



| | | | | |
|-----|-----|---|--|--------------------|
| 200 | 135 | G | | 107P.8.135 |
| 250 | 135 | G | | 107P.10.135 |

Single branch - spigot outlet



| | | | | |
|-----|-----|---|--|--------------------|
| 200 | 135 | G | | 104P.8.135 |
| 250 | 135 | G | | 104P.10.135 |

Soil & Waste

Soil Systems - 100P Pushfit Large Diameter

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Single branch spigot outlet unequal



| | | | | |
|---------|-----|---|--|---------------------|
| 200/110 | 135 | G | | 104P.84.135 |
| 200/160 | 135 | G | | 104P.86.135 |
| 250/160 | 135 | G | | 104P.106.135 |
| 250/200 | 135 | G | | 104P.108.135 |

Access pipe and cover



| | | | | |
|-----|--|---|--|----------------|
| 200 | | G | | 139P.8 |
| 250 | | G | | 139P.10 |

Reducers

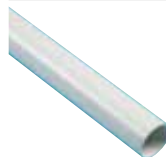


| | | | | |
|---------|--|---|--|------------------|
| 200/110 | | G | | 124P.8.4 |
| 200/160 | | G | | 124P.8.6 |
| 250/110 | | G | | 124P.10.4 |
| 250/160 | | G | | 124P.10.6 |
| 250/200 | | G | | 124P.10.8 |

Waste Systems - 200 Solvent

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Waste pipe



Plain-ended.

| | | | | |
|---------|--|-----|---|-------------------|
| 32 (3m) | | GW | 5 | 200.125.30 |
| 32 (4m) | | GBW | 5 | 200.125.40 |
| 40 (3m) | | GW | 5 | 200.15.30 |
| 40 (4m) | | GBW | 5 | 200.15.40 |
| 50 (3m) | | GW | 5 | 200.2.30 |
| 50 (4m) | | GBW | 5 | 200.2.40 |

| | | | | |
|----|--|--|--|------------|
| 32 | | | | 200.125.30 |
| 32 | | | | 200.125.40 |
| 40 | | | | 200.15.30 |
| 40 | | | | 200.15.40 |
| 50 | | | | 200.2.30 |
| 50 | | | | 200.2.40 |

Seal ring adaptor



To convert 50mm 207.2 spigot socket bends to expansion fitting.

| | | | | |
|----|--|----|-------|--------------|
| 50 | | GW | 5/250 | 209.2 |
|----|--|----|-------|--------------|

Straight coupler double socket



| | | | | |
|----|--|-----|--------|----------------|
| 32 | | GBW | 10/350 | 210.125 |
| 40 | | GBW | 10/240 | 210.15 |
| 50 | | GBW | 10/220 | 210.2 |

Union double socket



Threaded union for easy disconnection if required.

| | | | | |
|----|--|---|-------|----------------|
| 32 | | G | 5/200 | 211.125 |
| 40 | | G | 5/130 | 211.15 |
| 50 | | G | 5/90 | 211.2 |

Expansion coupler seal ring and solvent socket



| | | | | |
|----|--|----|--------|----------------|
| 32 | | GW | 10/240 | 225.125 |
| 40 | | GW | 10/180 | 225.15 |
| 50 | | GW | 5/100 | 225.2 |

Spigot/socket coupler



To create a close-coupled expansion joint for all MuPVC fittings.

| | | | | |
|----|--|----|-------|----------------|
| 32 | | GW | 5/250 | 227.125 |
| 40 | | GW | 5/180 | 227.15 |
| 50 | | G | 5/100 | 227.2 |

Swept bend double socket



91¼°, 135° and 165° as standard.
For 91¼° swept bend

| | | | | |
|----|-----|-----|--------|-------------------|
| 32 | 91¼ | GBW | 20/220 | 201.125.91 |
| 40 | 91¼ | GBW | 10/140 | 201.15.91 |
| 50 | 91¼ | GBW | 10/70 | 201.2.91 |

For 135° swept bend

| | | | | |
|----|-----|-----|--------|--------------------|
| 32 | 135 | GBW | 10/280 | 201.125.135 |
| 40 | 135 | GBW | 10/200 | 201.15.135 |
| 50 | 135 | GBW | 10/100 | 201.2.135 |



For 165° swept bend

| | | | | |
|----|-----|---|--------|--------------------|
| 32 | 165 | G | 10/320 | 201.125.165 |
| 40 | 165 | G | 5/220 | 201.15.165 |
| 50 | 165 | G | 5/250 | 201.2.165 |

Waste Systems - 200 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Spigot/socket bends

To change pipe direction in limited-space situations: 92½° and 150° as standard.



| | | | | |
|----|-----|-----|--------|--------------------|
| 32 | 92½ | GBW | 10/160 | 207.125.92 |
| 40 | 92½ | GBW | 10/100 | 207.15.92 |
| 50 | 92½ | GW | 5/50 | 207.2.92 |
| 32 | 135 | GBW | 10/300 | 207.125.135 |
| 40 | 135 | GBW | 10/180 | 207.15.135 |
| 50 | 135 | GW | 5/100 | 207.2.135 |
| 32 | 150 | GB | 10/260 | 207.125.150 |
| 40 | 150 | GB | 5/200 | 207.15.150 |

Knuckle bend double socket



| | | | | |
|----|-----|-----|--------|-------------------|
| 32 | 91¼ | GBW | 10/280 | 202.125.91 |
| 40 | 91¼ | GBW | 10/180 | 202.15.91 |

Swept cross all socket



| | | | | |
|----|-----|----|-------|-------------------|
| 40 | 91¼ | GW | 5/105 | 206.15.91 |
| 50 | 91¼ | GW | 5/55 | 206.2.91 |
| 50 | 135 | G | 5/55 | 206.2.135* |

*Fabricated

Swept tee all socket

91¼° and 135° as standard.



| | | | | |
|----|-----|-----|--------|--------------------|
| 32 | 91¼ | GBW | 10/120 | 204.125.91 |
| 40 | 91¼ | GBW | 10/90 | 204.15.91 |
| 50 | 91¼ | GBW | 5/45 | 204.2.91 |
| 32 | 135 | GW | 10/120 | 204.125.135 |
| 40 | 135 | GW | 5/80 | 204.15.135 |
| 50 | 135 | GBW | 5/80 | 204.2.135 |

Level invert taper

To reduce socket of any standard fitting to accept a smaller size pipe. Larger end spigot and smaller end socket.



| | | | | |
|-------|--|----|--------|-------------------|
| 40/32 | | GW | 5/230 | 223.15.125 |
| 50/32 | | GW | 10/190 | 223.2.125 |
| 50/40 | | G | 10/160 | 223.2.15 |

Socket reducer



| | | | | |
|-------|--|-----|--------|-------------------|
| 40/32 | | GBW | 20/640 | 224.15.125 |
| 50/32 | | GBW | 10/350 | 224.2.125 |
| 50/40 | | GBW | 10/350 | 224.2.15 |

Waste Systems - 200 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Pipe fixing clip



| | | | | |
|----|--|-----|--------|----------------|
| 32 | | GBW | 20/800 | 240.125 |
| 40 | | GBW | 20/700 | 240.15 |
| 50 | | GBW | 20/400 | 240.2 |

Expansion fitting fixing clip

To secure control thermal expansion at regular points along pipework.



| | | | | |
|----|--|----|--------|----------------|
| 32 | | GW | 10/750 | 242.125 |
| 40 | | W | 10/500 | 242.15 |
| 50 | | GW | 10/300 | 242.2 |

Access plug



| | | | | |
|----|--|-----|--------|----------------|
| 32 | | GBW | 10/350 | 237.125 |
| 40 | | GBW | 10/320 | 237.15 |
| 50 | | GBW | 10/180 | 237.2 |

Weathering apron

To provide weathertight cover over lead slate around 50mm waste pipe penetrating roof.



| | | | | |
|----|--|---|-------|--------------|
| 50 | | G | 5/135 | 231.2 |
|----|--|---|-------|--------------|

Vent cowl



| | | | | |
|----|--|----|-------|--------------|
| 50 | | GW | 5/300 | 250.2 |
|----|--|----|-------|--------------|

Automatic air admittance valve

Allows air into waste system when negative pressure occurs. Helps prevent syphonage of traps.



| | | | | |
|----|--|---|------|--------------|
| 50 | | W | 5/70 | 253.2 |
|----|--|---|------|--------------|

Trapped floor gully

Under-floor trap (e.g. for shower areas) with 3 sockets to accept 40mm waste pipe. Seal depth: 50mm.

Cleaning access via removable baffle with integral gasket to maintain airtight seal.



| | | | | |
|---------|--|----|------|---------------|
| 110/82 | | GT | 2/20 | 281.43 |
| 160/110 | | GT | 1/12 | 281.64 |

T - Terracotta

Soil & Waste

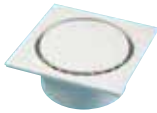
Waste Systems - 200 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Floor gully inlets

Two-part fitting to be set in standard-tiled floor (e.g. in shower areas). Comprises of raising piece with 50mm square top, and snap-in cover.



| | | | |
|---------|------|------|--------------|
| 110 PVC | GW | 36 | 282.6 |
| 110 SS | Self | 1/36 | 283.6 |

SS -Stainless Steel

Sealed gully raising piece



| | | | |
|-----|----|------|--------------|
| 110 | GW | 1/36 | 284.6 |
|-----|----|------|--------------|

Sealed gully raising piece stainless steel cover



| | | | |
|-----|------|------|--------------|
| 110 | Self | 1/36 | 285.6 |
|-----|------|------|--------------|

Adaptor to underground drain pipe

Push-fit connection into pipes with nominal 100mm bore. External use only.



| | | | |
|----------|---|------|---------------|
| 32/40/50 | B | 5/60 | 4DW200 |
|----------|---|------|---------------|

Note: As a Terrain Underground product different discount structure applies.

Adaptor to metal pipe

Supplied with seal ring.



| | | | |
|----|---|------|--------------|
| 50 | G | 5/55 | 226.2 |
|----|---|------|--------------|

Caulking bush

For connecting MuPVC waste pipe to 50mm socket of other material. Solvent-weld to pipe.



| | | | |
|----------|---|--------|------------|
| 32/40/50 | G | 10/350 | 232 |
|----------|---|--------|------------|

Reverse nut adaptor

For solvent-weld connection of MuPVC waste pipe (or waste fitting) to BSP male threaded fitting or pipe.



| | | | |
|-------|---|--------|----------------|
| 32/32 | W | 10/300 | 218.125 |
| 40/40 | W | 10/250 | 218.15 |

Waste Systems - 200 Solvent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

200 waste to male iron

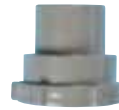
For solvent-weld connection of MuPVC waste pipe or fitting to BSP threaded male pipe or fitting.



Socket and threaded socket

| | | | |
|-------|---|--------|----------------|
| 32/32 | G | 10/270 | 212.125 |
| 40/40 | G | 10/200 | 212.15 |
| 50/50 | G | 5/140 | 212.2 |

Spigot and threaded socket



| | | | |
|-------|---|-------|----------------|
| 32/32 | G | 5/400 | 216.125 |
| 40/40 | G | 5/320 | 216.15 |
| 50/50 | G | 5/200 | 216.2 |

200 waste to female iron

For solvent-weld connection of MuPVC waste pipe or fitting to BSP threaded female pipe or fitting.



Socket and threaded spigot.

| | | | |
|-------|----|--------|----------------|
| 32/32 | G | 10/320 | 213.125 |
| 40/40 | GW | 10/240 | 213.15 |
| 50/50 | GW | 5/140 | 213.2 |

Spigot and threaded spigot.



| | | | |
|-------|----|-------|----------------|
| 32/32 | G | 5/300 | 217.125 |
| 40/40 | G | 5/240 | 217.15 |
| 50/50 | GW | 5/160 | 217.2 |

Waste Systems - 300 Pushfit



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Waste pipe

Plain-ended.



| | | | |
|---------|-----|----|-------------------|
| 32 (3m) | GBW | 10 | 300.125.30 |
| 40 (3m) | GBW | 10 | 300.15.30 |
| 50 (3m) | G | 10 | 300.2.30 |

Price per metre*

| | | |
|----|------------|-------|
| 32 | 300.125.30 | £2.07 |
| 40 | 300.15.30 | £2.56 |
| 50 | 300.2.30 | £4.35 |

Straight coupler double socket



| | | | |
|----|-----|--------|----------------|
| 32 | GBW | 10/350 | 310.125 |
| 40 | GBW | 10/300 | 310.15 |
| 50 | G | 10/200 | 310.2 |

Swept bend double socket

91¼° and 135° as standard.

For 91¼° swept bend



| | | | | |
|----|-----|-----|--------|-------------------|
| 32 | 91¼ | GBW | 20/240 | 301.125.91 |
| 40 | 91¼ | GBW | 10/200 | 301.15.91 |
| 50 | 91¼ | G | 10/90 | 301.2.91 |

Waste Systems - 300 Pushfit



| Size mm | Angle | Col | Pack/Box | Code |
|---|-------|-----|----------|--------------------|
| Swept bend double socket | | | | |
| For 135° swept bend | | | | |
| 32 | 135 | GBW | 20/300 | 301.125.135 |
| 40 | 135 | GBW | 10/280 | 301.15.135 |
| 50 | 135 | G | 10/100 | 301.2.135 |
| Knuckle bend 90° double socket | | | | |
| 32 | 90 | GBW | 10/160 | 302.125.90 |
| 40 | 90 | GBW | 10/220 | 302.15.90 |
| 50 | 90 | G | 10/100 | 302.2.90 |
| Swivel elbow bend 90° single socket/spigot | | | | |
| 32 | 90 | GW | 10/170 | 307.125.90 |
| 40 | 90 | GW | 10/110 | 307.15.90 |
| Swept tee 91¼° | | | | |
| 32 | 91¼ | GBW | 10/160 | 304.125.91 |
| 40 | 91¼ | GBW | 10/120 | 304.15.91 |
| 50 | 91¼ | G | 10/70 | 304.2.91 |
| Socket reducer | | | | |
| To reduce waste socket to accept smaller diameter waste pipe. | | | | |
| 40/32 | | GBW | 10/400 | 323.15.125 |
| 50/32 | | G | 10/180 | 323.2.125 |
| 50/40 | | G | 10/150 | 323.2.15 |
| Pipe and fitting clip | | | | |
| 32 | | GBW | 20/800 | 340.125 |
| 40 | | GBW | 20/800 | 340.15 |
| 50 | | G | 10/600 | 343.2 |
| Access plug | | | | |
| 32 | | GW | 10/500 | 337.125 |
| 40 | | GBW | 10/500 | 337.15 |
| 50 | | G | 10/200 | 337.2 |
| Tank connector | | | | |
| For connecting push-fit polypropylene pipe to water tank. Supplied with 2 sealing washers. | | | | |
| 32 | | GW | 10/300 | 311.125 |
| 40 | | GW | 10/300 | 311.15 |
| 50 | | G | 10/200 | 311.2 |
| Compression reducer | | | | |
| 40-38 | | W | | PS38 |
| 32mm seal for PS38 | | | | PRD100 |
| 40mm seal for PS38 | | | | PRD101 |

Overflow - 500 Overflow



| Size mm | Angle | Col | Pack/Box | Code |
|---|-------|-----|----------|-------------------|
| Waste pipe | | | | |
| Plain-ended. | | | | |
| 19 (4m) | | W | 20 | 500.75.40 |
| 19 | | | | 500.75.40 |
| Straight coupler double socket | | | | |
| 19 | | W | 50/1000 | 510.75 |
| Bend double socket | | | | |
| 91¼° and 135° as standard. | | | | |
| 19 | 91¼ | W | 50/750 | 501.75.91 |
| 19 | 135 | W | 50/1100 | 501.75.135 |
| Branch | | | | |
| 91¼° as standard. | | | | |
| 19 | 91¼ | W | 10/500 | 504.75.91 |
| Socket Reducer | | | | |
| 19/32 | | W | 10/900 | 524.75 |
| Pipe fixing clip - plastic | | | | |
| 19 | | W | 50/2500 | 540.75 |
| Straight tank connector | | | | |
| To connect cistern/tank to overflow pipe. | | | | |
| 19 | | W | 10/250 | 511.75 |
| Bent tank connector 90° | | | | |
| 19 | | W | 10/200 | 502.75.90 |

Soil & Waste

Overflow - 500 Overflow



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Female to PVCu connector



To connect PVCu overflow pipe to threaded components. Solvent-weld socket to receive overflow pipe. Threaded socket to receive 3/4" BSP male threaded pipe end.

| | | | | |
|----|--|---|--------|---------------|
| 19 | | W | 10/750 | 512.75 |
|----|--|---|--------|---------------|

Reverse nut connector



To connect PVCu overflow pipe to threaded components. Threaded loose nut to receive 3/4" BSP male threaded pipe end.

| | | | | |
|----|--|---|--------|---------------|
| 19 | | W | 20/300 | 519.75 |
|----|--|---|--------|---------------|

Tundish



| | | | | |
|----|--|---|-------|---------------|
| 19 | | W | 5/100 | 590.75 |
|----|--|---|-------|---------------|

Waste Traps - 400



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Bottle trap



75mm water seal

| | | | | |
|----|---|---|------|----------------|
| 32 | ▽ | W | 5/60 | 411.125 |
| 40 | ▽ | W | 5/60 | 411.15 |

Bottle trap anti-syphon



75mm water seal

| | | | | |
|----|---|---|------|------------------|
| 32 | ▽ | W | 5/60 | 411AS.125 |
| 40 | ▽ | W | 5/60 | 411AS.15 |

Resealing bottle trap



75mm water seal

| | | | | |
|----|---|---|------|----------------|
| 32 | ▽ | W | 5/60 | 415.125 |
| 40 | ▽ | W | 5/60 | 415.15 |

Bottle trap - adjustable telescopic



75mm water seal

| | | | | |
|----|---|---|------|-----------------|
| 32 | ▽ | W | 5/60 | 411T.125 |
| 40 | ▽ | W | 5/60 | 411T.15 |

Waste Traps - 400



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Bottle trap anti-syphon - adjustable telescopic

75mm water seal



| | | | | |
|----|---|---|------|------------------|
| 32 | ▽ | W | 5/60 | 421AS.125 |
| 40 | ▽ | W | 5/60 | 421AS.15 |

Resealing bottle trap - adjustable telescopic

75mm water seal



| | | | | |
|----|---|---|------|----------------|
| 32 | ▽ | W | 5/60 | 421.125 |
| 40 | ▽ | W | 5/60 | 421.15 |

Tubular swivel P trap

75mm water seal



| | | | | |
|----|---|---|------|----------------|
| 32 | ▽ | W | 5/80 | 431.125 |
| 40 | ▽ | W | 5/60 | 431.15 |

Tubular swivel P trap - adjustable telescopic

75mm water seal



| | | | | |
|----|---|---|------|-----------------|
| 32 | ▽ | W | 5/80 | 431T.125 |
| 40 | ▽ | W | 5/60 | 431T.15 |

Tubular swivel P trap anti-syphon

75mm water seal



| | | | | |
|----|---|---|------|------------------|
| 32 | ▽ | W | 5/80 | 431AS.125 |
| 40 | ▽ | W | 5/60 | 431AS.15 |

Tubular swivel P trap anti-syphon - adjustable telescopic

75mm water seal



| | | | | |
|----|---|---|------|-------------------|
| 32 | ▽ | W | 5/60 | 431TAS.125 |
| 40 | ▽ | W | 5/60 | 431TAS.15 |

Waste Traps - 400



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

P to S trap conversion bend

To convert tubular P traps to S traps



| | | | | |
|----|---|---|-------|-------------------|
| 32 | ▽ | W | 5/250 | 407.125.90 |
| 40 | ▽ | W | 5/250 | 407.15.90 |

Tubular swivel S trap

75mm water seal



| | | | | |
|----|---|---|------|----------------|
| 32 | ▽ | W | 5/60 | 432.125 |
| 40 | ▽ | W | 5/40 | 432.15 |

Running trap

75mm water seal



| | | | | |
|----|---|---|------|----------------|
| 32 | ▽ | W | 5/60 | 445.125 |
| 40 | ▽ | W | 5/60 | 445.15 |

Running trap anti-syphon

75mm water seal



| | | | | |
|----|---|---|------|------------------|
| 32 | ▽ | W | 5/60 | 445AS.125 |
| 40 | ▽ | W | 5/60 | 445AS.15 |

Washing machine half trap

75mm water seal with adaptor



| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 5/40 | 433.15 |
|----|---|---|------|---------------|

Washing machine half trap anti-syphon

75mm water seal with adaptor



| | | | | |
|----|---|---|------|-----------------|
| 40 | ▽ | W | 5/40 | 433AS.15 |
|----|---|---|------|-----------------|

Washing machine trap with upstand

75mm water seal with 0.6m upstand and 2 clips



| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 5/10 | 434.15 |
|----|---|---|------|---------------|

Waste Traps - 400



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Washing machine trap anti-syphon with upstand

75mm water seal with 0.6 upstand and 2 clips



| | | | | |
|----|---|---|------|-----------------|
| 40 | ▽ | W | 5/10 | 434AS.15 |
|----|---|---|------|-----------------|

Bath trap

20mm water seal



| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 5/80 | 455.15 |
|----|---|---|------|---------------|

Bath trap c/w overflow hose and cp rose

20mm water seal



| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 5/25 | 456.15 |
|----|---|---|------|---------------|

Low level bath trap

38mm water seal



| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 5/30 | 457.15 |
|----|---|---|------|---------------|

Low level bath trap c/w overflow hose and cp rose

38mm water seal



| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 5/25 | 459.15 |
|----|---|---|------|---------------|

Low level bath trap anti-syphon c/w overflow hose and cp rose

75mm water seal



| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 5/25 | 451.15 |
|----|---|---|------|---------------|

Shower Trap

19mm water seal, 70mm grid



| | | | | |
|----|---|-----|------|---------------|
| 40 | ▽ | W | 5/60 | 482.15 |
| 40 | ▽ | C/P | 5/60 | 483.15 |

Soil & Waste

Waste Traps - 400



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Shower trap with 45° adjustable waste

50mm water seal, 70mm grid



| | | | | |
|----|---|-----|------|---------------|
| 40 | ▽ | W | 5/50 | 484.15 |
| 40 | ▽ | C/P | 5/50 | 486.15 |

Condensate trap

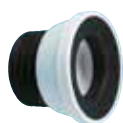


| | | | | |
|----|---|---|------|---------------|
| 40 | ▽ | W | 1/30 | 420.15 |
|----|---|---|------|---------------|

WC Pan Connectors - 490

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Straight WC connector fin seal



| | | | | |
|-----|---|---|------|------------------|
| 110 | ▽ | W | 5/40 | 499P.4.00 |
|-----|---|---|------|------------------|

90° WC connector fin seal bend



| | | | | | |
|-----|----|---|---|------|------------------|
| 110 | 90 | ▽ | W | 5/15 | 499P.4.90 |
|-----|----|---|---|------|------------------|

14° WC connector fin seal spigots



| | | | | | |
|-----|----|---|---|------|-------------------|
| 110 | 14 | ▽ | W | 5/35 | 499P.4.104 |
|-----|----|---|---|------|-------------------|

40mm offset WC connector fin seal



| | | | | |
|-----|---|---|------|-------------------|
| 110 | ▽ | W | 5/30 | 494P1.4.00 |
|-----|---|---|------|-------------------|

12mm offset WC connector fin seal



| | | | | |
|-----|---|---|------|-------------------|
| 110 | ▽ | W | 5/40 | 494P2.4.00 |
|-----|---|---|------|-------------------|

Swivel connector 0-30° fin seal



Adjustable 0-30°

| | | | | | |
|-----|------|---|---|------|-------------------|
| 110 | 0-30 | ▽ | W | 5/20 | 498P.4.030 |
|-----|------|---|---|------|-------------------|

WC Pan Connectors - 490

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Swan neck WC connector 90° fin seal



| | | | | | |
|-----|----|---|---|------|------------------|
| 110 | 90 | ▽ | W | 5/15 | 496P.4.90 |
|-----|----|---|---|------|------------------|

Long 90° WC connector fin seal

225mm leg



| | | | | | |
|-----|----|---|---|------|------------------|
| 110 | 90 | ▽ | W | 5/10 | 491P.4.90 |
|-----|----|---|---|------|------------------|

90° WC connector with boss fin seal



| | | | | | |
|-----|----|---|---|------|------------------|
| 110 | 90 | ▽ | W | 5/15 | 495P.4.90 |
|-----|----|---|---|------|------------------|

Extension 200mm



| | | | | |
|-----|---|---|------|----------------|
| 110 | ▽ | W | 5/25 | 493P.00 |
|-----|---|---|------|----------------|

WC manifold connectors fin seal spigot

When used in conjunction with a branch 104, up to seven WC pans can be connected either side of the soil stack

| | | | | |
|-----|----|---|-----|------------------|
| 110 | 5 | W | -/6 | 499.4.05 |
| 110 | 14 | W | -/6 | 499.4.14 |
| 110 | 24 | W | -/6 | 499.4.24 |
| 110 | 34 | W | -/6 | 499.4.34 |
| 110 | 9 | W | -/1 | S499.4.09 |
| 110 | 18 | W | -/1 | S499.4.18 |
| 110 | 29 | W | -/1 | S499.4.29 |
| 110 | † | W | -/1 | S499.4.X |

†Customer to specify angle on order

WC frame manifold bend connectors fin seal spigot

| | | | | |
|-----|----|---|------|-------------------|
| 110 | 5 | B | 5/10 | 497.35.05 |
| 110 | 14 | B | 5/10 | 497.35.14 |
| 110 | 24 | B | 5/10 | 497.35.24 |
| 110 | 34 | B | 5/10 | 497.35.34 |
| 110 | 9 | B | 1/24 | F497.35.09 |
| 110 | 18 | B | 1/12 | F497.35.18 |
| 110 | 29 | B | 1/12 | F497.35.29 |

WC Pan Connectors - 490

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

WC connector 90° spigot outlet



For connection of WC pans to existing soil or waste pipework previously connected to traditional 'S' mode pan

| | | | | |
|-----|----|---|-----|-----------------|
| 110 | 90 | W | -/5 | 499.4.90 |
|-----|----|---|-----|-----------------|

WC variable connector variable bend



Adjustable 0-25°

| | | | | |
|-----|------|---|------|------------------|
| 110 | 0-25 | W | 5/25 | 498.4.025 |
|-----|------|---|------|------------------|

WC connectors socket outlet



| | | | | |
|-----|----|---|------|-----------------|
| 110 | 2½ | W | 5/50 | 498.4.02 |
|-----|----|---|------|-----------------|



| | | | | |
|-----|----|---|------|-----------------|
| 110 | 90 | W | 5/25 | 498.4.90 |
|-----|----|---|------|-----------------|

90° WC turned connector socket outlet



For connecting non BS 5503 WC pans to soil pipes

| | | | | |
|-----|----|---|------|----------------|
| 110 | 9½ | W | 5/20 | 492.4.5 |
|-----|----|---|------|----------------|

WC straight connector socket outlet



For connecting non BS 5503 WC pans to soil pipes

| | | | | |
|-----|--|---|------|----------------|
| 110 | | W | 5/25 | 495.4.5 |
|-----|--|---|------|----------------|

Accessories

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Intumescent pipe collar



An intumescent sleeve is designed to prevent the spread of fire and smoke where PVCu pipes penetrate a fire rated compartment wall or floor.

| | | | | |
|-----|---|-----|------|------------------|
| 40 | ♥ | Red | 5/50 | 1625.40R |
| 55 | ♥ | Red | 5/50 | 1625.55R |
| 63 | ♥ | Red | 5/25 | 1625.63R |
| 75 | ♥ | Red | 5/10 | 1625.75R |
| 82 | ♥ | Red | 5/10 | 1625.82R |
| 90 | ♥ | Red | 5/10 | 1625.90R |
| 110 | ♥ | Red | 5/10 | 1625.110R |
| 125 | ♥ | Red | 5/10 | 1625.125R |
| 160 | ♥ | Red | 5/10 | 1625.160R |
| 200 | ♥ | Red | 5/10 | 1625.200R |
| 250 | ♥ | Red | 5/10 | 1625.250R |
| 315 | ♥ | Red | 5/10 | 1625.315R |

Note: As a Terrain Firetrap product a different discount structure applies.

Accessories

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

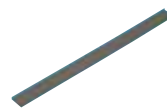
Toggle bolt



To clamp 112 and 115 Boss Connectors while solvent-welding.

| | | |
|------|------|-------------|
| Self | 1/50 | 9115 |
|------|------|-------------|

Packing piece



For use with 140 and 142 Pipe Brackets and 191 Intermediate Support Brackets.

| | | | |
|-------------|---|-------|----------------|
| 160 | G | 1/100 | 9104.6G |
| Cut to size | | | |

Pipe marking template



Marking guide for Terrain Soil Systems, access and boss connection

| | | | |
|-----|------|-----|------------------|
| 110 | Blue | 1/- | 9105.500T |
|-----|------|-----|------------------|

WC pan seal - soil



Material: EPDM
Replacement seal for pan outlet diameter 951/4-121mm.
For use on 102.4.5 and 125.4.5.

| | | | |
|-----|---|-------|-------------|
| 110 | B | 1/100 | 9124 |
|-----|---|-------|-------------|

HDPE WC pan connector fin seal



Adapts standard WC connectors to fit HDPE 110mm

| | | |
|-----|---|-------------------|
| 110 | B | 499P.4.908 |
|-----|---|-------------------|

Spare seal rings - soil



Material: EPDM
Suitable for:
– soil system expansion sockets and soil pipe
– use with 126 Adaptors to Cast Iron
– soil fittings (as listed).

| | | | |
|-----|-------------------------|---|---------------|
| 110 | Push Fit Soil (P) range | | |
| | B | 1 | 9116.4 |

| | | | |
|-----|-------------------------|---|---------------|
| 160 | Push Fit Soil (P) range | | |
| | B | 1 | 9116.6 |

| | | | |
|----|-----------------------|---|-------------|
| 82 | 109/111/111.S/126/132 | | |
| | B | 1 | 9120 |

| | | | |
|-----|-----------------------------------|---|---------------|
| 110 | 103/105/109/111/111.S/126/132/137 | | |
| | B | 1 | 9119.B |

Material: EPDM. Allows soil fittings to accept metric copper pipe to BS 2871.

| | | | |
|-----|-----|---|-------------|
| 110 | Red | 1 | 9149 |
|-----|-----|---|-------------|

Spare seal ring - waste



Suitable for: – 200 Waste System Fittings to accept pipe manufactured to BS 5255.

Acceptable for: – copper pipe to BS 659 and BS 2781.

| | | | |
|----|---|---|-----------------|
| 32 | B | 1 | 9132.125 |
| 40 | B | 1 | 9132.15 |
| 50 | B | 1 | 9132.2 |

Soil & Waste

Accessories

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Manifold insert - spare

Material: EPDM.



| | | | | |
|----|--|---|---|-------------|
| 40 | | B | 1 | 9113 |
|----|--|---|---|-------------|

Manifold plug - spare

Material: Polypropylene.



| | | | | |
|----|--|---|---|-------------|
| 40 | | G | 1 | 9114 |
|----|--|---|---|-------------|

Cleaning fluid

Material: Acetone.

For cleaning PVCu pipe and fittings before applying Liquid Weld.

Screw top cans.



| | | | | |
|-------|--|--|----|-------------------|
| 250ml | | | 10 | 9101.250CF |
|-------|--|--|----|-------------------|

Lubricant

Material: Silicone grease Soluble lubricant.

For lubricating seal rings on expansion fittings.



| | | | | |
|-------|----------------|-------|--|------------------|
| 250ml | Tub (silicone) | 10/40 | | 9136.250L |
| 500ml | Tub (soluble) | 10/20 | | 9136.500L |

Liquid weld

For solvent jointing of PVCu pipes and fittings.



| | | | | |
|--------|--|----|--|-------------------|
| 250ml* | | 10 | | 9100.250SW |
| 500ml | | 10 | | 9100.500SW |

*Cap incorporates integral brush.

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Terrain FUZE



A modern high density polyethylene system with many advantages over cast iron and other traditional systems. Terrain FUZE is a top-to-bottom solution for all above ground drainage and many chemical waste applications. It allows specifiers and installers to benefit by providing them maximum flexibility in the design process.

Utilising the intrinsic properties of high-density polyethylene, Terrain FUZE offers greater benefits above and beyond more traditional materials and performs significantly better when tested for impact and abrasion resistance, chemical corrosion and extreme temperatures. The lightweight nature of Terrain FUZE allows the product to be installed quickly and efficiently, giving direct, resource-saving benefits to specifiers and installers.

HDPE offers exceptional performance above and beyond traditional pipe materials including:

- Versatile application
- Highly resistant to impact even at low temperatures
- Highly resistant to chemical agents
- Corrosion resistant
- Abrasion resistant
- Lightweight and easy to install
- Ideal for pre-fabrication
- Suitable for use with Terrain HydroMax™ Siphonic System (see page 45 for further details)



Innovative Products

Building on its reputation for innovation, Terrain has developed these problem solving products to offer unrivalled installation options

The Terrain Pleura System

- Replaces extensive ventilation pipe work, saving costs in material and installation
- Allows more flexibility in the layout and design of internal drainage systems for engineers, architects and design professionals
- Offers a point-of-need solution that quickly responds to transient air fluctuations

Terrain P.A.P.A.

The Terrain P.A.P.A. (Positive Air Pressure Attenuator) is a revolutionary world-first product developed to solve the problems of positive pressures (transients, back pressure) within drainage systems of multi-storey developments.

Research and development into the solution over several years resulted in this intelligent product, which allows multi-storey building designers to simplify their design of sanitary waste systems. The Terrain P.A.P.A. - in conjunction with the approved Terrain Pleura valves - deals with negative and positive pressures.

FEATURES: ■ Lightweight ■ Easy to install ■ Includes push-fit connector ■ Suitable for installation on commercial sites ■ Robust construction ■ Resistant to many chemicals ■ Can be installed vertically or horizontally.

Terrain Pleura 50/100 - Drainage Ventilation System

The Terrain Pleura 50/100 are accepted alternatives to replace all forms of conventional stack venting, using active air pressure control, and allowing the air to enter the system at the point of need.

The Terrain Pleura 50/100 admits air under conditions of reduced pressure in the discharge pipes and prevents water seals in traps from being drawn, thus contributing to the ventilation of the main drain to which the discharge stacks incorporating the Terrain Pleura 50/100 are connected.



P.A.P.A 9300.4




Pleura 50 9301.253



Pleura 100 9301.34

Terrain

Pipes

| Size mm | Packing Length | Pack Quantity | Code |
|--|----------------|---------------|-------------|
| HDPE Pipe - 5.8 metre length - for Siphonic applications PE100 | | | |
|  | | 200 | 900.200.58H |
| | | 250 | 900.250.58H |
| | | 315 | 900.315.58H |
| HDPE Pipe - 5 metre length | | | |
| 40 | 550 | 110 | 900.40.50B |
| 50 | 430 | 86 | 900.50.50B |
| 56 | 490 | 98 | 900.56.50B |
| 63 | 330 | 66 | 900.63.50B |
| 75 | 290 | 58 | 900.75.50B |
| 90 | 290 | 58 | 900.90.50B |
| 110 | 285 | 57 | 900.110.50B |
| 125 | 170 | 34 | 900.125.50B |
| 160 | 50 | 10 | 900.160.50B |
| 200 | 50 | 10 | 900.200.50B |
| 250 | 40 | 8 | 900.250.50B |
| 315 | 30 | 6 | 900.315.50B |
| HDPE Pipe - 3 metre length | | | |
| 40 | 150 | 50 | 900.40.30B |
| 50 | 150 | 50 | 900.50.30B |
| 56 | 120 | 40 | 900.56.30B |
| 63 | 105 | 35 | 900.63.30B |
| 75 | 90 | 30 | 900.75.30B |
| 90 | 60 | 20 | 900.90.30B |
| 110 | 45 | 15 | 900.110.30B |
| 125 | 30 | 10 | 900.125.30B |
| 160 | 30 | 10 | 900.160.30B |

Fittings

| Size mm | Pack Quantity | Code |
|---|---------------|-------------|
| HDPE 90° bend | | |
|  | 40 | 50 |
| | 50 | 25 |
| | 56 | 25 |
| | 63 | 20 |
| | 75 | 25 |
| | 90 | 15 |
| | 110 | 10 |
| | 125 | 10 |
| | 160 | 1 |
| | | 907.40.90B |
| | | 907.50.90B |
| | | 907.56.90B |
| | | 907.63.90B |
| | | 907.75.90B |
| | | 907.90.90B |
| | | 907.110.90B |
| | | 907.125.90B |
| | | 907.160.90B |
| HDPE 90° wide radius bend | | |
|  | 200* | 1 |
| | 250* | 1 |
| | 315* | 1 |
| | | 907.200.90B |
| | | 907.250.90B |
| | | 907.315.90B |
| | | *Segmented |
| HDPE 91.5° (88.5°) bend | | |
| 40 | 50 | 901.40.92B |
| 50 | 20 | 901.50.92B |
| 56 | 20 | 901.56.92B |
| 63 | 25 | 901.63.92B |
| 75 | 20 | 901.75.92B |
| 90 | 15 | 901.90.92B |
| 110 | 15 | 901.110.92B |
| 125 | 10 | 901.125.92B |
| 160 | 1 | 901.160.92B |


Fittings

| Size mm | Pack Quantity | Code |
|---|---------------|----------------|
| HDPE 45° bend with socket branch | | |
|  | 110/40 | 1 |
| | 90/40 | 1 |
| | 110/50 | 1 |
| | | 901.11040.135B |
| | | 901.9040.135B |
| | | 901.11050.135B |
| HDPE 45° bend | | |
| 40 | 40 | 901.40.135B |
| 50 | 30 | 901.50.135B |
| 56 | 25 | 901.56.135B |
| 63 | 30 | 901.63.135B |
| 75 | 25 | 901.75.135B |
| 90 | 20 | 901.90.135B |
| 110 | 25 | 901.110.135B |
| 125 | 15 | 901.125.135B |
| 160 | 1 | 901.160.135B |
| 200* | 1 | 901.200.135B |
| 250* | 1 | 901.250.135B |
| 315* | 1 | 901.315.135B |
| | | *Segmented |
| HDPE 90° reducing bend | | |
|  | 50/40 | 40 |
| | 63/50 | 20 |
| | | 901.5040.90B |
| | | 901.6350.90B |
| HDPE Y branch 45° | | |
| 40 | 50 | 904.40.135B |
| 50 | 20 | 904.50.135B |
| 56 | 20 | 904.56.135B |
| 63 | 15 | 904.63.135B |
| 75 | 20 | 904.75.135B |
| 90 | 15 | 904.90.135B |
| 110 | 10 | 904.110.135B |
| 125 | 10 | 904.125.135B |
| 160 | 1 | 904.160.135B |
| 200* | 1 | 904.200.135B |
| 250* | 1 | 904.250.135B |
| 315* | 1 | 904.315.135B |
| | | *Welded |
| HDPE branch 90° | | |
| 40 | 50 | 904.40.90B |
| 50 | 25 | 904.50.90B |
| 56 | 25 | 904.56.90B |
| 63 | 20 | 904.63.90B |
| 75 | 15 | 904.75.90B |
| 90 | 20 | 904.90.90B |
| 110 | 15 | 904.110.90B |
| 125 | 15 | 904.125.90B |
| 160 | 1 | 904.160.90B |
| 200* | 1 | 904.200.90B |
| 250* | 1 | 904.250.90B |
| 315* | 1 | 904.315.90B |

Fittings

| Size mm | Pack Quantity | Code |
|---------|---------------|------|
|---------|---------------|------|


HDPE reducing Y branch 45°



| | | |
|----------|----|-----------------|
| 50/40 | 20 | 904.5040.135B |
| 56/50 | 20 | 904.5650.135B |
| 63/40 | 15 | 904.6340.135B |
| 63/50 | 15 | 904.6350.135B |
| 63/56 | 15 | 904.6356.135B |
| 75/40 | 25 | 904.7540.135B |
| 75/50 | 25 | 904.7550.135B |
| 75/56 | 25 | 904.7556.135B |
| 75/63 | 25 | 904.7563.135B |
| 90/40 | 15 | 904.9040.135B |
| 90/50 | 15 | 904.9050.135B |
| 90/56 | 20 | 904.9056.135B |
| 90/63 | 15 | 904.9063.135B |
| 90/75 | 15 | 904.9075.135B |
| 110/40 | 10 | 904.11040.135B |
| 110/50 | 10 | 904.11050.135B |
| 110/56 | 10 | 904.11056.135B |
| 110/63 | 10 | 904.11063.135B |
| 110/75 | 10 | 904.11075.135B |
| 110/90 | 10 | 904.11090.135B |
| 125/40 | 10 | 904.12540.135B |
| 125/50 | 10 | 904.12550.135B |
| 125/56 | 10 | 904.12556.135B |
| 125/63 | 10 | 904.12563.135B |
| 125/75 | 10 | 904.12575.135B |
| 125/90 | 10 | 904.12590.135B |
| 125/110 | 10 | 904.125110.135B |
| 160/75 | 1 | 904.16075.135B |
| 160/90 | 1 | 904.16090.135B |
| 160/110 | 1 | 904.160110.135B |
| 160/125 | 1 | 904.160125.135B |
| 200/75* | 1 | 904.20075.135B |
| 200/90* | 1 | 904.20090.135B |
| 200/110* | 1 | 904.200110.135B |
| 200/125* | 1 | 904.200125.135B |
| 200/160* | 1 | 904.200160.135B |
| 250/110* | 1 | 904.250110.135B |
| 250/125* | 1 | 904.250125.135B |
| 250/160* | 1 | 904.250160.135B |
| 250/200* | 1 | 904.250200.135B |
| 315/110* | 1 | 904.315110.135B |
| 315/125* | 1 | 904.315125.135B |
| 315/160* | 1 | 904.315160.135B |
| 315/200* | 1 | 904.315200.135B |
| 315/250* | 1 | 904.315250.135B |


*Welded

HDPE swept branch fitting



| | | |
|---------|----|-------------|
| 110/110 | 15 | 904.110.92B |
|---------|----|-------------|

HDPE 45° double reducing branch




| | | |
|---------|----|----------------|
| 110/40 | 10 | 906.11040.135B |
| 110/50 | 10 | 906.11050.135B |
| 110/110 | 10 | 906.110.135B |

Fittings

| Size mm | Pack Quantity | Code |
|---------|---------------|------|
|---------|---------------|------|

HDPE double Y branch 60°



| | | |
|---------|----|--------------|
| 50/40 | 25 | 906.5040.60B |
| 63/50 | 25 | 906.6350.60B |
| 110/110 | 10 | 906.110.60B |


HDPE reducing branch 90°



| | | |
|----------|----|----------------|
| 50/40 | 25 | 904.5040.90B |
| 56/50 | 25 | 904.5650.90B |
| 63/40 | 20 | 904.6340.90B |
| 63/50 | 20 | 904.6350.90B |
| 75/40 | 25 | 904.7540.90B |
| 75/50 | 20 | 904.7550.90B |
| 75/56 | 20 | 904.7556.90B |
| 75/63 | 20 | 904.7563.90B |
| 90/40 | 20 | 904.9040.90B |
| 90/50 | 20 | 904.9050.90B |
| 90/56 | 20 | 904.9056.90B |
| 90/63 | 20 | 904.9063.90B |
| 90/75 | 20 | 904.9075.90B |
| 110/40 | 15 | 904.11040.90B |
| 110/50 | 15 | 904.11050.90B |
| 110/56 | 15 | 904.11056.90B |
| 110/63 | 15 | 904.11063.90B |
| 110/75 | 15 | 904.11075.90B |
| 110/90 | 15 | 904.11090.90B |
| 125/110 | 15 | 904.125110.90B |
| 160/110 | 1 | 904.160110.90B |
| 160/125 | 1 | 904.160125.90B |
| 200/110* | 1 | 904.200110.90B |
| 200/125* | 1 | 904.200125.90B |
| 200/160* | 1 | 904.200160.90B |
| 250/110* | 1 | 904.250110.90B |
| 250/125* | 1 | 904.250125.90B |
| 250/160* | 1 | 904.250160.90B |
| 250/200* | 1 | 904.250200.90B |
| 315/110* | 1 | 904.315110.90B |
| 315/125* | 1 | 904.315125.90B |
| 315/160* | 1 | 904.315160.90B |
| 315/200* | 1 | 904.315200.90B |
| 315/250* | 1 | 904.315250.90B |

*Welded

HDPE 88° corner boss branch










| | |
|-----|---------------|
| 110 | 906.11090.12B |
|-----|---------------|

HDPE 88° corner branch



| | |
|-----|---------------|
| 110 | 906.11090.92B |
|-----|---------------|

| Fittings | | | |
|---|---|---|---|
| | Size mm | Pack Quantity | Code |
| HDPE 88° 3 way corner branch | | | |
|  | 110 | | 906.11093.92B |
| HDPE 4 way branch | | | |
|  | 110/56 160/56 | | 920.110.56B 920.16056.904B |
| HDPE 88° single boss branch | | | |
|  | 110 | | 904.11090.12B |
| HDPE 88° double branch | | | |
|  | 110 | | 906.110.92B |
| HDPE Boss Pipes | | | |
|  | 160mm x 56mm single boss 160mm x 56mm x 90° double boss 160mm x 56mm x 180° double boss | | 920.160.56B 920.16056.90B 920.16056.180B |
| HDPE 180° double branch ball fitting | | | |
|  | 110/50 110/56 110/75 110/90 110/110 125/50 125/56 125/75 125/90 125/110 125/125 | 5 5 5 5 5 5 5 5 5 5 5 | 916.11050.180B 916.11056.180B 916.11075.180B 916.11090.180B 916.110.180B 916.12550.180B 916.12556.180B 916.12575.180B 916.12590.180B 916.125110.180B 916.125.180B |
| HDPE 90° double branch ball fitting | | | |
|  | 110/50 110/56 110/75 110/90 110/110 125/50 125/56 125/75 125/90 125/110 125/125 | 5 5 5 5 5 5 5 5 5 5 5 | 916.11050.90B 916.11056.90B 916.11075.90B 916.11090.90B 916.110.90B 916.12550.90B 916.12556.90B 916.12575.90B 916.12590.90B 916.125110.90B 916.125.90B |

| Fittings | | | |
|---|---|---|--|
| | Size mm | Pack Quantity | Code |
| HDPE 135° double branch ball fitting | | | |
|  | 110/50 110/56 110/75 110/90 110/110 125/50 125/56 125/75 125/90 125/110 125/125 | 5 5 5 5 5 5 5 5 5 5 5 | 916.11050.135B 916.11056.135B 916.11075.135B 916.11090.135B 916.110.135B 916.12550.135B 916.12556.135B 916.12575.135B 916.12590.135B 916.125110.135B 916.125.135B |
| HDPE 90° multi branch ball fitting | | | |
|  | 110/50 110/56 110/75 110/90 110/110 125/50 125/56 125/75 125/90 125/110 125/125 | 5 5 5 5 5 5 5 5 5 5 5 | 916.11050.903B 916.11056.903B 916.11075.903B 916.11090.903B 916.110.903B 916.12550.903B 916.12556.903B 916.12575.903B 916.12590.903B 916.125110.903B 916.125.903B |
| HDPE 135° multi branch ball fitting | | | |
|  | 110/50 110/56 110/75 110/90 110/110 125/50 125/56 125/75 125/90 125/110 125/125 | 5 5 5 5 5 5 5 5 5 5 5 | 916.11050.1353B 916.11056.1353B 916.11075.1353B 916.11090.1353B 916.110.1353B 916.12550.1353B 916.12556.1353B 916.12575.1353B 916.12590.1353B 916.125110.1353B 916.125.1353B |
| HDPE 90° multi branch ball fitting | | | |
|  | 110/50 110/56 110/75 110/90 110/110 125/50 125/56 125/75 125/90 125/110 125/125 | 5 5 5 5 5 5 5 5 5 5 5 | 916.11050.904B 916.11056.904B 916.11075.904B 916.11090.904B 916.110.904B 916.12550.904B 916.12556.904B 916.12575.904B 916.12590.904B 916.125110.904B 916.125.904B |
| HDPE short ring seal socket | | | |
|  | 90/90 110/110 | 25 25 | 909.90B 909.110B |

| Fittings | | | |
|---|----------|---------------|---------------|
| | Size mm | Pack Quantity | Code |
| HDPE ring seal adaptors with cap (*without cap) | | | |
|  | 40 | 40 | 927.40B |
| | 50 | 30 | 927.50B |
| | 56 | 30 | 927.56B |
| | 63 | 20 | 927.63B |
| | 75 | 20 | 927.75B |
| | 90 | 25 | 927.90B |
| | 110 | 10 | 927.110B |
| | 125 | 10 | 927.125B |
| | 160 | 1 | 927.160B |
| | 200 | 1 | 927.200B |
| | 250 | 1 | 927.250B* |
| | 315 | 1 | 927.315B* |
| HDPE expansion joint with cap | | | |
|  | 40 | 20 | 911.40B |
| | 50 | 15 | 911.50B |
| | 56 | 15 | 911.56B |
| | 63 | 15 | 911.63B |
| | 75 | 10 | 911.75B |
| | 90 | 15 | 911.90B |
| | 110† | 10 | 911.110B |
| | 125 | 10 | 911.125B |
| | 160 | 1 | 911.160B |
| | 200 | 1 | 911.200B |
| 250* | 1 | 911.250B | |
| 315* | 1 | 911.315B | |
| †For Rigid pipe support *without cap | | | |
| HDPE spigot bend with cap | | | |
|  | 40/46 | 40 | 917.4046.90B |
| | 50/46 | 40 | 917.5046.90B |
| | 50/58 | 20 | 917.5058.90B |
| | 56/46 | 20 | 917.5646.90B |
| | 56/58 | 20 | 917.5658.90B |
| HDPE extended spigot bend | | | |
|  | 56 | 20 | 902.56.90B |
| HDPE sleeve | | | |
|  | 40/46 | 40 | 917.4046B |
| | 50/46 | 40 | 917.5046B |
| | 50/58 | 20 | 917.5058B |
| | 56/46 | 20 | 917.5646B |
| | 56/58 | 20 | 917.5658B |
| HDPE gasket | | | |
|  | 46/36-40 | 100 | 917.4636.908B |
| | 58/36-40 | 100 | 917.5836.908B |
| | 58/47-50 | 100 | 917.5847.908B |
| HDPE concentric reducer | | | |
|  | 50/40 | 50 | 924.5040B |
| | 56/50 | 50 | 924.5650B |
| | 63/40 | 40 | 924.6340B |
| | 63/50 | 40 | 924.6350B |
| | 63/56 | 40 | 924.6356B |
| | 75/40 | 40 | 924.7540B |
| | 75/50 | 30 | 924.7550B |
| | 75/56 | 30 | 924.7556B |
| | 75/63 | 30 | 924.7563B |
| | 90/40 | 20 | 924.9040B |
| | 90/50 | 20 | 924.9050B |

| Fittings | | | |
|---|-----------------------------|---------------|-------------|
| | Size mm | Pack Quantity | Code |
| HDPE concentric reducer | | | |
|  | 90/56 | 20 | 924.9056B |
| | 90/63 | 20 | 924.9063B |
| | 90/75 | 20 | 924.9075B |
| | 110/40 | 25 | 924.11040B |
| | 110/50 | 25 | 924.11050B |
| | 110/56 | 25 | 924.11056B |
| | 110/63 | 25 | 924.11063B |
| | 110/75 | 20 | 924.11075B |
| | 110/90 | 20 | 924.11090B |
| | 125/50 | 20 | 924.12550B |
| | 125/56 | 20 | 924.12556B |
| | 125/63 | 20 | 924.12563B |
| | 125/75 | 20 | 924.12575B |
| | 125/90 | 20 | 924.12590B |
| | 125/110 | 20 | 924.125110B |
| | 160/110 | 1 | 924.160110B |
| 200/160 | 1 | 924.200160B | |
| HDPE threaded coupling | | | |
|  | 40 | 30 | 912.40B |
| | 50 | 30 | 912.50B |
| | 56 | 20 | 912.56B |
| | 56/63 | 20 | 912.5663B |
| | 63 | 20 | 912.63B |
| | 75 | 20 | 912.75B |
| | 90 | 15 | 912.90B |
| | 110 | 10 | 912.110B |
| | HDPE ring | | |
|  | 50 | 10 | 9118.50B |
| | 56 | 10 | 9118.56B |
| | 63 | 10 | 9118.63B |
| | 75 | 10 | 9118.75B |
| | 90 | 10 | 9118.90B |
| | 110 | 10 | 9118.110B |
| HDPE ring seal | | | |
|  | 50 | 1 | 9119.50B |
| | 56 | 1 | 9119.56B |
| | 63 | 1 | 9119.63B |
| | 75 | 1 | 9119.75B |
| | 90 | 1 | 9119.90B |
| | 110a | 1 | 9119.110B |
| HDPE nut | | | |
|  | 50 | 10 | 9120.50B |
| | 56 | 10 | 9120.56B |
| | 63 | 10 | 9120.63B |
| | 75 | 10 | 9120.75B |
| | 110 | 10 | 9120.110B |
| | HDPE screwed end cap | | |
|  | 40 | | 936.40B |
| | 50 | 30 | 936.50B |
| | 56 | 20 | 936.56B |
| | 63 | 20 | 936.63B |
| | 75 | 20 | 936.75B |
| | 90 | 15 | 936.90B |
| | 110 | 15 | 936.110B |
| HDPE short end cap with seal | | | |
|  | 110 | 10 | 9938.110B |
| HDPE short screwed cap | | | |
|  | 110 | 10 | 935.110B |

Fittings

| | Size mm | Pack Quantity | Code |
|--|---------|---------------|------|
|--|---------|---------------|------|

HDPE threaded union



| | | |
|-----|----|-----------|
| 50 | 10 | 9122.50B |
| 56 | 10 | 9122.56B |
| 63 | 10 | 9122.63B |
| 75 | 10 | 9122.75B |
| 90 | 10 | 9122.90B |
| 110 | 10 | 9122.110B |

HDPE end cap with seal



| | | |
|-----|----|-----------|
| 50 | 10 | 9121.50B |
| 56 | 10 | 9121.56B |
| 63 | 10 | 9121.63B |
| 75 | 10 | 9121.75B |
| 90 | 10 | 9121.90B |
| 110 | 10 | 9121.110B |

HDPE blank end



| | | |
|-----|-----|----------|
| 40 | 100 | 930.40B |
| 50 | 100 | 930.50B |
| 56 | 100 | 930.56B |
| 63 | 50 | 930.63B |
| 75 | 30 | 930.75B |
| 90 | 30 | 930.90B |
| 110 | 30 | 930.110B |
| 125 | 20 | 930.125B |

HDPE end cap



| | | |
|-----|---|----------|
| 160 | 1 | 930.160B |
| 200 | 1 | 930.200B |
| 250 | 1 | 930.250B |
| 315 | 1 | 930.315B |

HDPE anchor pipe



| | | |
|-----|----|----------|
| 50 | 40 | 970.50B |
| 56 | 20 | 970.56B |
| 63 | 20 | 970.63B |
| 75 | 20 | 970.75B |
| 90 | 15 | 970.90B |
| 110 | 10 | 970.110B |

HDPE galvanised bolt with washer for flange



| | | |
|--------------------------|----------|------------|
| M16x90 (50-56 flange) | 1(4pcs) | 984.1650B |
| M16x100 (63-75 flange) | 1(4pcs) | 984.1663B |
| M16x100 (90 flange) | 1(8pcs) | 984.1690B |
| M16x110 (110-140 flange) | 1(8pcs) | 984.16110B |
| M20x110 (160 flange) | 1(8pcs) | 984.20160B |
| M20x130 (200-315 flange) | 1(12pcs) | 984.20250B |

Rubber flange seal



| | | |
|-----|---|----------|
| 50 | 1 | 982.50B |
| 56 | 1 | 982.56B |
| 63 | 1 | 982.63B |
| 75 | 1 | 982.75B |
| 90 | 1 | 982.90B |
| 110 | 1 | 982.110B |
| 125 | 1 | 982.125B |
| 160 | 1 | 982.160B |
| 200 | 1 | 982.200B |
| 250 | 1 | 982.250B |
| 315 | 1 | 982.315B |

Fittings

| | Size mm | Pack Quantity | Code |
|--|---------|---------------|------|
|--|---------|---------------|------|

Painted aluminium backing flange



| | | |
|-----|---|----------|
| 50 | 1 | 981.50B |
| 56 | 1 | 981.56B |
| 63 | 1 | 981.63B |
| 75 | 1 | 981.75B |
| 90 | 1 | 981.90B |
| 110 | 1 | 981.110B |
| 125 | 1 | 981.125B |
| 160 | 1 | 981.160B |
| 200 | 1 | 981.200B |
| 250 | 1 | 981.250B |
| 315 | 1 | 981.315B |

Painted aluminium blank flange



| | | |
|-----|---|----------|
| 50 | 1 | 983.50B |
| 56 | 1 | 983.56B |
| 63 | 1 | 983.63B |
| 75 | 1 | 983.75B |
| 90 | 1 | 983.90B |
| 110 | 1 | 983.110B |
| 125 | 1 | 983.125B |
| 160 | 1 | 983.160B |
| 200 | 1 | 983.200B |
| 250 | 1 | 983.250B |
| 315 | 1 | 983.315B |

HDPE flange adaptors



| | | |
|-----|---|----------|
| 50 | 1 | 980.50B |
| 56 | 1 | 980.56B |
| 63 | 1 | 980.63B |
| 75 | 1 | 980.75B |
| 90 | 1 | 980.90B |
| 110 | 1 | 980.110B |
| 125 | 1 | 980.125B |
| 160 | 1 | 980.160B |
| 200 | 1 | 980.200B |
| 250 | 1 | 980.250B |
| 315 | 1 | 980.315B |

HDPE 90° access pipe with screw cap




| | | |
|-----|---|-------------|
| 50 | 1 | 938.50.90B |
| 56 | 1 | 938.56.90B |
| 63 | 1 | 938.63.90B |
| 75 | 1 | 938.75.90B |
| 90 | 1 | 938.90.90B |
| 110 | 1 | 938.110.90B |
| 125 | 1 | 938.125.90B |
| 160 | 1 | 938.160.90B |
| 200 | 1 | 938.200.90B |
| 250 | 1 | 938.250.90B |
| 315 | 1 | 938.315.90B |

HDPE 45° access pipe with screw cap




| | | |
|---------|---|--------------|
| 110/110 | 1 | 938.110.135B |
| 125/110 | 1 | 938.125.135B |
| 160/110 | 1 | 938.160.135B |


Fittings

| | Size mm | Pack Quantity | Code |
|---|---------|---------------|----------|
| HDPE electrofusion couplings | | | |
|  | 40 | 10 | 910.40B |
| | 50 | 10 | 910.50B |
| | 56 | 10 | 910.56B |
| | 63 | 10 | 910.63B |
| | 75 | 10 | 910.75B |
| | 90 | 10 | 910.90B |
| | 110 | 10 | 910.110B |
| | 125 | 5 | 910.125B |
| | 160 | 5 | 910.160B |
| | 200 | 1 | 910.200B |
| | 250 | 1 | 910.250B |
| | 315 | 1 | 910.315B |


HDPE male PVC adaptor with ring seal

| | | | |
|---|---------|----|--------------|
|  | 110/100 | 10 | 9113.110100B |
|---|---------|----|--------------|


HDPE WC pan connector with cap

| | | | |
|---|-----|----|----------|
|  | 90 | 20 | 925.90B |
| | 110 | 20 | 925.110B |


HDPE female PVC adaptor with ring seal

| | | | |
|---|---------|----|-------------|
|  | 90/100 | 10 | 925.90100B |
| | 110/100 | 10 | 925.110100B |


HDPE WC connector for PVC with ring seal

| | | | |
|---|-----|----|----------|
|  | 100 | 10 | 925.100B |
|---|-----|----|----------|

HDPE extended WC pan connector with cap

| | | | |
|---|-----|----|----------|
|  | 90 | 20 | 993.90B |
| | 100 | 20 | 993.100B |


Fittings

| | Size mm | Pack Quantity | Code |
|---|---------|---------------|-----------|
| HDPE sliding connector | | | |
|  | 110 | 1 | 911S.110B |
| | 160 | 1 | 911S.160B |
| | 200 | 1 | 911S.200B |
| | 250 | 1 | 911S.250B |
| | 315 | 1 | 911S.315B |


HDPE ring seal socket

| | | | |
|---|-----|---|-----------|
|  | 110 | 1 | 910P.110B |
| | 160 | 1 | 910P.160B |
| | 200 | 1 | 910P.200B |
| | 250 | 1 | 910P.250B |
| | 315 | 1 | 910P.315B |


HDPE extended floor pan connector with 2 seals

| | | | |
|--|-----|----|-----------|
|  | 110 | 10 | 993.110DB |
|--|-----|----|-----------|

HDPE eccentric reducer

| | | | |
|---|--------|-------------|-------------|
|  | 50/40 | 50 | 923.5040B |
| | 56/40 | 20 | 923.5640B |
| | 56/50 | 30 | 923.5650B |
| | 63/40 | 30 | 923.6340B |
| | 63/50 | 30 | 923.6350B |
| | 63/56 | 30 | 923.6356B |
| | 75/40 | 30 | 923.7540B |
| | 75/50 | 30 | 923.7550B |
| | 75/56 | 30 | 923.7556B |
| | 75/63 | 30 | 923.7563B |
| | 90/40 | 20 | 923.9040B |
| | 90/50 | 20 | 923.9050B |
| | 90/56 | 20 | 923.9056B |
| | 90/63 | 20 | 923.9063B |
| | 90/75 | 20 | 923.9075B |
| | 110/40 | 20 | 923.11040B |
| | 110/50 | 20 | 923.11050B |
| | 110/56 | 20 | 923.11056B |
| | 110/63 | 20 | 923.110.63B |
| | 110/75 | 20 | 923.11075B |
| 110/90 | 20 | 923.11090B | |
| 125/50 | 10 | 923.12550B | |
| 125/56 | 10 | 923.12556B | |
| 125/63 | 10 | 923.12563B | |
| 125/75 | 10 | 923.12575B | |
| 125/90 | 10 | 923.12590B | |
| 125/110 | 10 | 923.125110B | |
| 160/110 | 5 | 923.160110B | |
| 160/125 | 5 | 923.160125B | |

HDPE long eccentric reducer

| | | | |
|---|---------|---|--------------|
|  | 160/110 | 5 | 923.160110LB |
| | 160/125 | 5 | 923.160125LB |
| | 200/110 | 1 | 923.200110LB |
| | 200/125 | 1 | 923.200125LB |
| | 200/160 | 1 | 923.200160LB |
| | 250/200 | 1 | 923.250200LB |
| | 315/200 | 1 | 923.315200LB |
| | 315/250 | 1 | 923.315250LB |

Fittings

| Size mm | Pack Quantity | Code |
|---------|---------------|------|
|---------|---------------|------|

HDPE short radius bend



| | | |
|-----|----|--------------------|
| 90 | 10 | 902.90.90B |
| 110 | 10 | 902.110.90B |

HDPE WC bend with cap



| | | |
|-----|----|--------------------|
| 90 | 10 | 929.90.90B |
| 110 | 10 | 929.110.90B |

HDPE WC bend for hanging pan with seal and cap



| | | |
|---------|----|--------------------|
| 90/90 | 10 | 999.90.90B |
| 110/110 | 10 | 999.110.90B |

HDPE WC pan connector - white



| | | |
|-----|----|-----------------|
| 90 | 10 | 925.90W |
| 110 | 10 | 925.110W |

HDPE straight WC pan connector with seal and cap



| | | |
|--------|----|----------------------|
| 90/100 | 10 | 999.90100.00B |
| 90/100 | 10 | 998.90100.00B |

HDPE long WC pan connector with seal



| | | |
|-------------------|----|------------------|
| 90 (length 200mm) | 10 | 925L.90B |
| 90 (length 300mm) | 10 | 925XL.90B |

HDPE connector for wall hung pan with seal & white covering



| | | |
|--------|----|-------------------|
| 90/44 | 10 | 925.9044B |
| 110/44 | 10 | 925.11044B |

Fittings

| Size mm | Pack Quantity | Code |
|---------|---------------|------|
|---------|---------------|------|

HDPE double WC pan connector with 1 lip seals and caps



| | | |
|---------|---|-----------------------|
| 90/110 | 5 | 929.90110.90DB |
| 110/110 | 5 | 929.110.90DB |

HDPE bend for wall hung pan with 1 lip seal and cap, left



| | | |
|---------|---|--------------------|
| 110/110 | 5 | 949.110LB |
| 90/90 | 5 | 949.90LB |
| 110/90 | 5 | 949.11090LB |

HDPE bend for wall hung pan with 1 lip seal and cap, right



| | | |
|---------|---|--------------------|
| 110/110 | 5 | 949.110RB |
| 90/90 | 5 | 949.90RB |
| 110/90 | 5 | 949.11090RB |

HDPE WC pan connectors



| | | |
|---------|---|--------------------|
| 110/110 | 5 | 949.110DB |
| 110/90 | 5 | 949.11090DB |

HDPE trap with seal and cap



| | | |
|----------------|---|---------------------|
| 110 | 5 | 9631.110.0B |
| 110 (45° tail) | 5 | 9631.110.45B |
| 110 (90° tail) | 5 | 9631.110.90B |

HDPE ventilation branch



| | | |
|-----|---|-----------------|
| 110 | 1 | 908.110B |
| 160 | 1 | 908.160B |

Fittings

| Size mm | Pack Quantity | Code |
|---|---------------|-------------|
| HDPE adaptor - cast iron, steel, asbestos cement pipes | | |
| 50/60 | 15 | 926.5060B |
| 50/73 | 15 | 926.5073B |
| 50/80 | 15 | 926.5080B |
| 50/90 | 15 | 926.5090B |
| 50/100 | 15 | 926.50100B |
| 56/60 | 15 | 926.5660B |
| 56/73 | 15 | 926.5673B |
| 56/80 | 15 | 926.5680B |
| 56/90 | 15 | 926.5690B |
| 56/100 | 15 | 926.56100B |
| 63/73 | 15 | 926.6373B |
| 63/80 | 15 | 926.6380B |
| 63/90 | 15 | 926.6390B |
| 75/80 | 15 | 926.7580B |
| 75/90 | 15 | 926.7590B |
| 75/100 | 15 | 926.75100B |
| 90/110 | 15 | 926.90110B |
| 110/125 | 15 | 926.110125B |
| 110/140 | 15 | 926.110140B |
| 125/150 | 15 | 926.125150B |

HDPE universal trap, vertical inlet and horizontal outlet

| | | |
|-----|---|----------|
| 63 | 1 | 931.63B |
| 75 | 1 | 931.75B |
| 90 | 1 | 931.90B |
| 110 | 1 | 931.110B |

HDPE trap, vertical inlet and horizontal outlet

| | | |
|-------|----|-----------|
| 40/40 | 10 | 931.4040B |
| 40/50 | 10 | 931.4050B |
| 40/56 | 10 | 931.4056B |
| 50/50 | 10 | 931.5050B |
| 50/56 | 10 | 931.5056B |

HDPE trap - vertical inlet and outlet

| | | |
|-------|----|-----------|
| 40/40 | 10 | 932.4040B |
| 40/50 | 10 | 932.4050B |
| 40/56 | 10 | 932.4056B |
| 50/50 | 10 | 932.5050B |
| 50/56 | 10 | 932.5056B |

Fittings

| Size mm | Pack Quantity | Code |
|--|---------------|-----------|
| HDPE trap - horizontal inlet and outlet | | |
| 40/40 | 10 | 945.4040B |
| 40/50 | 10 | 945.4050B |
| 40/56 | 10 | 945.4056B |
| 50/50 | 10 | 945.5050B |
| 50/56 | 10 | 945.5056B |

HDPE washing machine connector

| | | |
|----|----|---------|
| 50 | 20 | 933.50B |
|----|----|---------|

HDPE fitting with nut - brass

| | | |
|----------|----|--------------|
| 40mm/1¼" | 40 | 918.40.125BN |
| 40mm/1½" | 40 | 918.40.15BN |
| 50mm/1¼" | 40 | 918.50.125BN |
| 50mm/1½" | 40 | 918.50.15BN |

HDPE fitting with nut - plastic

| | | |
|----------|----|--------------|
| 40mm/1¼" | 40 | 918.40.125PN |
| 40mm/1½" | 40 | 918.40.15PN |
| 50mm/1¼" | 40 | 918.50.125PN |
| 50mm/1½" | 40 | 918.50.15PN |

HDPE extended fitting with nut - brass

| | | |
|----------|----|---------------|
| 40mm/1¼" | 20 | 918.40.125EB |
| 40mm/1½" | 20 | 918.40.15EBN |
| 50mm/1¼" | 20 | 918.50.125EBN |
| 50mm/1½" | 20 | 918.50.15EBN |

Fittings

| Size mm | Pack Quantity | Code |
|---------|---------------|------|
|---------|---------------|------|

HDPE extended fitting with nut - plastic



| | | |
|-----------|----|---------------|
| 40mm/1/4" | 20 | 918.40.125EPN |
| 40mm/1/2" | 20 | 918.40.15EPN |
| 50mm/1/4" | 20 | 918.50.125EPN |
| 50mm/1/2" | 20 | 918.50.15EPN |

HDPE bend with nut - *brass •plastic



| | | |
|------------|----|-----------------|
| 40mm/1/4"* | 20 | 918.40.125.90BN |
| 40mm/1/2"* | 20 | 918.40.15.90BN |
| 40mm/1/4"• | 20 | 918.40.125.90PN |
| 40mm/1/2"• | 20 | 918.40.15.90PN |

HDPE reducing bend with nut - *brass •plastic



| | | |
|---------------|----|-------------------|
| 40/50mm/1/4"* | 20 | 918.4050.125.90BN |
| 40/50mm/1/2"* | 20 | 918.4050.15.90BN |
| 40/50mm/1/4"• | 20 | 918.4050.125.90PN |
| 40/50mm/1/2"• | 20 | 918.4050.15.90PN |

HDPE end with internal threading, reinforced with steel ring



| | | |
|---------------|----|-------------|
| 40mm x 1/2" | 10 | 916.40.05B |
| 40mm x 3/4" | 10 | 916.40.075B |
| 40mm x 1" | 10 | 916.40.1B |
| 50mm x 1/2" | 10 | 916.50.05B |
| 50mm x 3/4" | 10 | 916.50.075B |
| 50mm x 1" | 10 | 916.50.1B |
| 50mm x 1 1/4" | 10 | 916.50.125B |
| 50mm x 1 1/2" | 10 | 916.50.15B |
| 56mm x 2" | 10 | 916.56.2B |
| 63mm x 2" | 10 | 916.63.2B |
| 75mm x 2 1/2" | 10 | 916.75.25B |

HDPE end with external threading, reinforced with steel ring



| | | |
|---------------|----|-------------|
| 50mm x 1/4" | 10 | 917.50.125B |
| 50mm x 1/2" | 10 | 917.50.15B |
| 56mm x 2" | 10 | 917.56.2B |
| 63mm x 2" | 10 | 917.63.2B |
| 75mm x 2 1/2" | 10 | 917.75.25B |

HDPE threaded fitting with brass nipple



| | | |
|----------------|----|--------------|
| 40mm/1/2" x 15 | 10 | 936.40.05NB |
| 40mm/3/4" x 18 | 10 | 936.40.075NB |
| 50mm/1/2" x 15 | 10 | 936.50.05NB |
| 50mm/3/4" x 18 | 10 | 936.50.075NB |
| 50mm/1" x 22 | 10 | 936.50.1NB |

HDPE seal for WC sleeves and extended bends



| | | |
|-----|----|-----------|
| 115 | 20 | 9129.125B |
|-----|----|-----------|

Fittings

| Size mm | Pack Quantity | Code |
|---------|---------------|------|
|---------|---------------|------|

Firetrap sleeve



| | | |
|------------|---|----------|
| 17 x 300 | | 1925.17 |
| 21 x 300 | | 1925.21 |
| 27 x 300 | | 1925.27 |
| 34 x 300 | | 1925.34 |
| 42 x 300 | | 1925.42 |
| 48 x 300 | | 1925.48 |
| 54 x 300 | | 1925.54 |
| 60 x 300† | 8 | 1925.60 |
| 67 x 300 | | 1925.67 |
| 76 x 300† | 6 | 1925.76 |
| 80 x 300 | | 1925.80 |
| 89 x 300 | | 1925.89 |
| 102 x 300 | | 1925.102 |
| 108 x 300 | | 1925.108 |
| 114 x 300† | 9 | 1925.114 |
| 127 x 300 | | 1925.127 |
| 134 x 300 | | 1925.134 |
| 140 x 300 | | 1925.140 |
| 159 x 300 | | 1925.159 |
| 169 x 300† | 4 | 1925.169 |

†Held in stock by Polypipe Terrain

Note: As a Terrain Firetrap product a different discount structure applies.

HDPE fire stop



| | | | |
|-----|-------|------|-----------|
| 40 | ♥ Red | 5/50 | 1625.40R |
| 55 | ♥ Red | 5/50 | 1625.55R |
| 63 | ♥ Red | 5/25 | 1625.63R |
| 75 | ♥ Red | 5/10 | 1625.75R |
| 82 | ♥ Red | 5/10 | 1625.82R |
| 90 | ♥ Red | 5/10 | 1625.90R |
| 110 | ♥ Red | 5/10 | 1625.110R |
| 125 | ♥ Red | 5/10 | 1625.125R |
| 160 | ♥ Red | 5/10 | 1625.160R |
| 200 | ♥ Red | 5/10 | 1625.200R |
| 250 | ♥ Red | 5/10 | 1625.250R |
| 315 | ♥ Red | 5/10 | 1625.315R |

Note: As a Terrain Firetrap product a different discount structure applies.

HDPE protective cap for socket



| | | |
|-----|----|-----------|
| 56 | 40 | 9130.56B |
| 63 | 30 | 9130.63B |
| 75 | 30 | 9130.75B |
| 90 | 30 | 9130.90B |
| 110 | 30 | 9130.110B |
| 125 | 20 | 9130.125B |
| 160 | 10 | 9130.160B |
| 200 | 1 | 9130.200B |

HDPE 1 lip seal for sockets

















| | | |
|-----|----|--------------|
| 100 | 20 | 927.100.908B |
| 90 | 20 | 927.90.908B |
| 110 | 20 | 927.110.908B |
| 125 | 20 | 927.125.908B |
| 160 | 20 | 927.160.908B |
| 200 | 20 | 927.200.908B |
| 250 | 1 | 927.250.908B |
| 315 | 1 | 927.315.908B |

HDPE O ring 100m for adaptors - PVC



| | | |
|-----|----|-----------|
| 100 | 20 | 9113.908B |
|-----|----|-----------|

| Fittings | | | |
|--|---------------|---------------|--------------|
| | Size mm | Pack Quantity | Code |
| HDPE O ring for sockets | | | |
|  | 40 | 20 | 9116.40B |
| | 50 | 20 | 9116.50B |
| | 56 | 20 | 9116.56B |
| | 63 | 20 | 9116.63B |
| | 75 | 20 | 9116.75B |
| | 90 | 20 | 9116.90B |
| | 110 | 20 | 9116.110B |
| | 125 | 20 | 9116.125B |
| | 160 | 20 | 9116.160B |
| HDPE seal for expansion sockets | | | |
|  | 40 | 20 | 911.40.908B |
| | 50 | 20 | 911.50.908B |
| | 56 | 20 | 911.56.908B |
| | 63 | 20 | 911.63.908B |
| | 75 | 20 | 911.75.908B |
| | 90 | 20 | 911.90.908B |
| | 110 | 20 | 911.110.908B |
| | 125 | 20 | 911.125.908B |
| | 160 | 20 | 911.160.908B |
| | 200 | 1 | 911.200.908B |
| HDPE M10 bracket | | | |
|  | 40mm x M10 | 50 | 9144.40B |
| | 50mm x M10 | 50 | 9144.50B |
| | 56mm x M10 | 50 | 9144.56B |
| | 63mm x M10 | 50 | 9144.63B |
| | 75mm x M10 | 25 | 9144.75B |
| | 90mm x M10 | 25 | 9144.90B |
| | 110mm x M10 | 25 | 9144.110B |
| | 125mm x M10 | 25 | 9144.125B |
| | 160mm x M10 | 25 | 9144.160B |
| Adjustable pipe bracket G1" | | | |
|  | 200mm x 1" | 10 | 9144.200B |
| | 250mm x 1" | 10 | 9144.250B |
| | 315mm x 1" | 10 | 9144.315B |
| Threaded bar | | | |
|  | M10 x 1 metre | 1 | 9147B |
| Mounting plate | | | |
|  | M10 | 100 | 9148.10B |
| | G 1/2" | 100 | 9148.19B |
| HDPE rubber flat seal | | | |
|  | 40mm x 1/4" | 10 | 918.40.908B |
| | 40mm x 1/2" | 10 | 918.40.918B |

| Fittings | | | |
|--|---------------------------|---------------|-----------|
| | Size mm | Pack Quantity | Code |
| Galvanised steel flange 1" | | | |
|  | G1" | 25 | 9148.25B |
| HDPE M10 anchor bracket | | | |
|  | 40 | 50 | 9142.40B |
| | 50 | 50 | 9142.50B |
| | 56 | 50 | 9142.56B |
| | 63 | 50 | 9142.63B |
| | 75 | 25 | 9142.75B |
| | 90 | 25 | 9142.90B |
| | 110 | 25 | 9142.110B |
| | 125 | 25 | 9142.125B |
| | 160 | 25 | 9142.160B |
| HDPE 1/2" bracket | | | |
|  | 40 | 50 | 9143.40B |
| | 50 | 50 | 9143.50B |
| | 56 | 50 | 9143.56B |
| | 63 | 50 | 9143.63B |
| | 75 | 25 | 9143.75B |
| | 90 | 25 | 9143.90B |
| | 110 | 25 | 9143.110B |
| | 125 | 25 | 9143.125B |
| | 160 | 25 | 9143.160B |
| HDPE pipe anchoring shell | | | |
|  | 40 | 50 | 9145.40B |
| | 50 | 50 | 9145.50B |
| | 56 | 50 | 9145.56B |
| | 63 | 50 | 9145.63B |
| | 75 | 25 | 9145.75B |
| | 90 | 25 | 9145.90B |
| | 110 | 25 | 9145.110B |
| | 125 | 25 | 9145.125B |
| | 160 | 25 | 9145.160B |
| | 200 | 1 | 9145.200B |
| | 250 | 1 | 9145.250B |
| 315 | 1 | 9145.315B | |
| Acoustic pipe bracket | | | |
|  | 90 | 25 | 9146.90B |
| | 110 | 25 | 9146.110B |
| | 160 | 25 | 9146.160B |
| Rubber insert strip | | | |
|  | 40mm x 10m | 25 | 9104.40B |
| | 30mm x 50m | 25 | 9104.30B |
| Anti vibration insert | | | |
|  | 30mm x 30 (58mm-314mm) | | 9105.30B |

Terrain

Electrofusion Coupling



Available in sizes 40 - 315mm

Connection properties:

Non-removable

Tension resistant

Use

This form of jointing is suitable for on-site welding, additional installations, repair work and modifications.

The pressure required for welding is obtained from the shrinking effect of the sleeve upon

heating and is distributed equally over the entire weld.

This shrinkage has a compensating effect on pipe diameter measurement tolerances.

By removing the central stop ring, the electrical sleeves can be made to slide to enable system modifications and repairs.

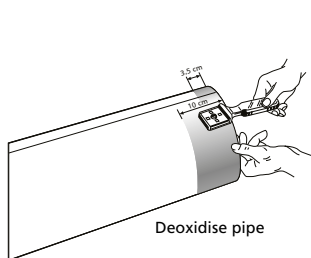
The electrical resistance wires will not corrode as they are protected by HDPE after welding.



Pipe scraper



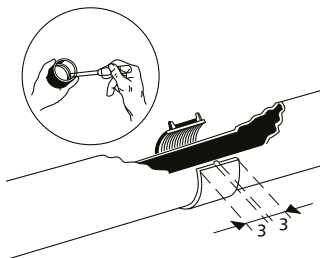
Terrain Fuze Box



Cut the pipe squarely, dry, clean and scrape the welding surfaces. The surface must remain clean and dry during the whole welding process, therefore do not touch with your hands.

The length of pipe to be scraped with diameters ranging from 40 - 160mm is 35mm.

The length of pipe to be scraped with diameters 200, 250 and 300mm is 100mm.



Insert pipe or fitting into sleeve coupling. If the stop ring in the sleeve needs to be removed, mark the depth at 30mm.

Electrofusion Machines

| Description | Quantity | Product Code |
|--|------------|-----------------|
| Fuze electrofusion welding machine 40-315mm | | |
| 40 to 315mm | 1 | 9000.40315.110V |
| Replacement leads | | |
| <100mm (Yellow) | 1 | AW00-2003 |
| 160mm> (Blue) | 1 | AW00-2004 |
| HDPE pipe scraper | | |
| | 1 | 9507T |
| Pipe cutter | | |
| 40 to 63mm | 1 | 9500.663T |
| 50 to 140mm | 1 | 9500.50140T |
| 100 to 160mm | 1 | 9500.100160T |
| Spare blades | | |
| 40 to 63mm | 1 | 9501.63T |
| 50 to 140mm | 1 | 9501.168T |
| HDPE pencils | | |
| | 1 (12Pcs.) | 9508T |
| HDPE knife | | |
| | 1 (12Pcs.) | 9504T |
| Bevelling tool | | |
| 40 to 250mm | 1 | 9502.40250T |
| 32 to 160mm | 1 | 9502.32160T |

Valsir Universal Electrofusion Machine spares

| Description | Cables | Product Code |
|-----------------|--------|--------------|
| 40-160mm | Yellow | HDC464334 |
| 200-315mm | Blue | HDC464335 |
| Main power lead | Black | HDC464435 |

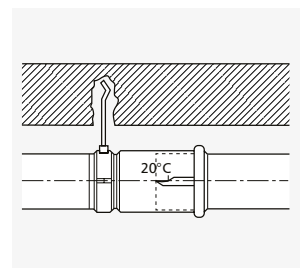
Expansion Socket with Ring Seal

Available in sizes 40 - 315mm

Connection properties:

Non-removable

Non-tension resistant



Horizontal assembly (e.g. at an ambient temperature of 20°C).

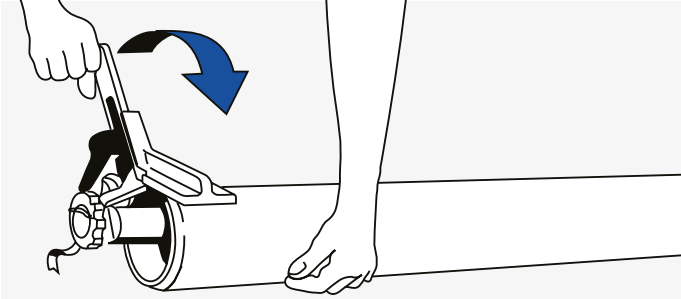
Use

Expansion sockets can be used in underground pipe systems as normal push-fit fittings but must be provided on vertical stacks running from floor to floor and for rainwater pipes both inside and outside the building.

Prices shown are for one item excluding VAT.

FUZE

Expansion Socket with Ring Seal



The pipe should be chamfered to approximately 15° and lubricated with suitable Terrain product. Do not use oil or grease which can damage the rubber seal.



Pipe cutter



Bevelling tool

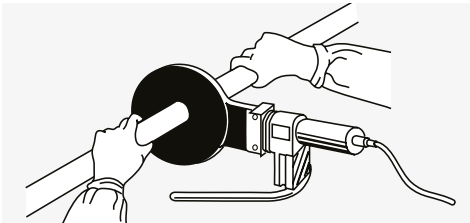
Butt welding

Suitable for diameters 40 - 315mm

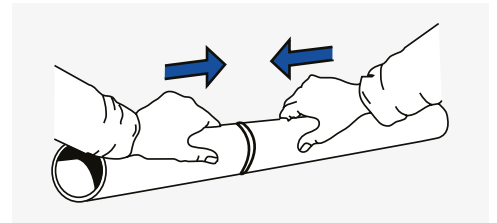
Connection properties:

Non-removable

Tension resistant



Welding up to Ø63mm



Butt welding can be used in all cases where workshop or on site prefabrication is available.

Butt Welding requires minimal space. This form of jointing is safe, strong, economical and quick.

Butt fusion machines are available to order by request

Butt fusion machines are available to hire from reputable Hire companies



Machine welding for all diameters

Prices shown are for one item excluding VAT.

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| 983.250B | 1 | 30 |
| 983.315B | 1 | 30 |
| 983.50B | 1 | 30 |
| 983.56B | 1 | 30 |
| 983.63B | 1 | 30 |
| 983.75B | 1 | 30 |
| 983.90B | 1 | 30 |
| 984.16110B | 1(8pcs) | 30 |
| 984.1650B | 1(4pcs) | 30 |
| 984.1663B | 1(4pcs) | 30 |
| 984.1690B | 1(8pcs) | 30 |
| 984.20160B | 1(8pcs) | 30 |
| 984.20250B | 1(12pcs) | 30 |
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| 1925.34 | | 34 |
| 1925.42 | | 34 |
| 1925.48 | | 34 |
| 1925.54 | | 34 |
| 1925.67 | | 34 |
| 1925.76 | 6 | 34 |
| 1925.89 | | 34 |
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| 1925.108 | | 34 |
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| 9121.75B | 10 | 30 |
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| 9122.110B | 10 | 30 |
| 9122.50B | 10 | 30 |
| 9122.56B | 10 | 30 |
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| 9122.90B | 10 | 30 |
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| 9130.75B | 30 | 34 |
| 9130.90B | 30 | 34 |
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| 9142.63B | 50 | 35 |
| 9142.75B | 25 | 35 |
| 9142.90B | 25 | 35 |
| 9143.110B | 25 | 35 |
| 9143.125B | 25 | 35 |
| 9143.160B | 25 | 35 |
| 9143.40B | 50 | 35 |
| 9143.50B | 50 | 35 |
| 9143.56B | 50 | 35 |
| 9143.63B | 50 | 35 |
| 9143.75B | 25 | 35 |
| 9143.90B | 25 | 35 |
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| 9144.200B | 10 | 35 |
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| 9144.315B | 10 | 35 |
| 9144.40B | 50 | 35 |
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| 9144.56B | 50 | 35 |
| 9144.63B | 50 | 35 |
| 9144.75B | 25 | 35 |
| 9144.90B | 25 | 35 |
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Terrain Acoustic dB12



Acoustic drainage system with superior performance

We all know how much noise water can make when it travels through a building and how intrusive this sound can be. In endeavouring to meet sound controls within Building Regulations, additional materials and labour are required, increasing the cost and time on site. Terrain Acoustic dB12 is a complete acoustic drainage system designed to reduce the effect of noise.

Terrain Acoustic dB12 multilayer drainage pipe with acoustic fittings creates a high quality durable and reliable system developed specifically to meet construction requirements for increased level of soundproofing, and ideally suitable for:

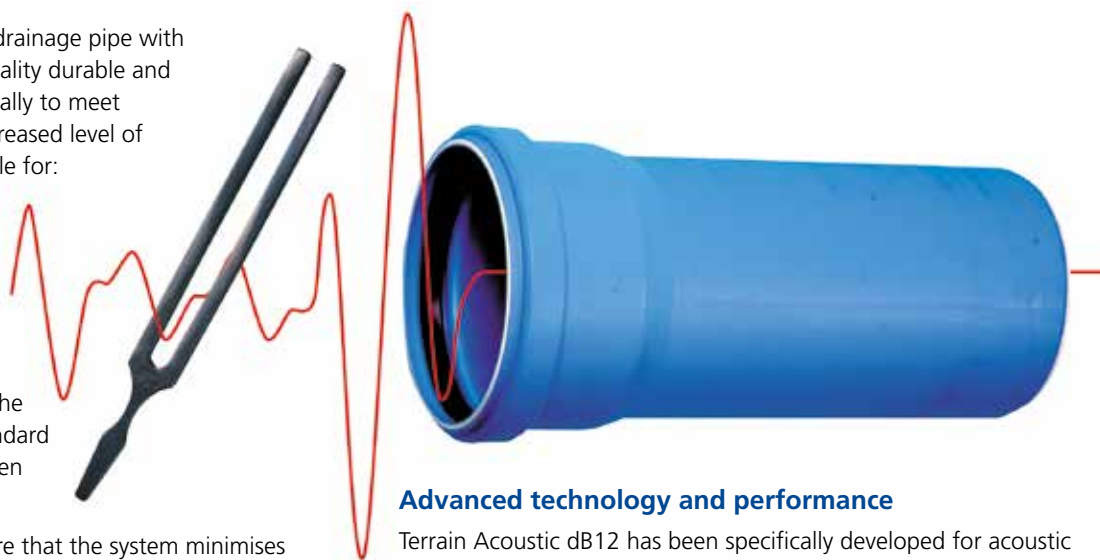
- Mixed development
- Hospitals
- Hotels
- Schools
- Commercial applications

Terrain Acoustic dB12 combines the familiarity and advantages of standard ring seal soil systems, with a proven enhanced acoustic performance.

Vibration damping brackets ensure that the system minimises solid borne noise transmission.

The Benefits

- Proven noise reducing characteristics, tested to EN 14366/DIN 4109
- Flame retardant to B1 in compliance with DIN 4102
- Elevated impact resistance even at low temperatures
- Resistance to a wide range of chemical agents at high temperatures
- Push fit single lip Elastomeric seals
- Easy to install
- Complete with range of acoustically engineered fittings
- Prefabrication is available for non standard products




Advanced technology and performance

Terrain Acoustic dB12 has been specifically developed for acoustic soil applications, with four sizes of pipe from 40mm - 160mm and a comprehensive range of fittings to provide a complete solution for acoustic management of soil pipes.


Terrain Acoustic dB12 multilayer pipe and acoustic fittings have been tested to the most recent European accreditations for airborne and impact noise, at the highly respected Fraunhofer Institute in Stuttgart.


dB12 now available in 200 and 250mm
Please contact the Technical Department
for price and availability


Acoustic dB12 - Pipe


| | Size mm | Pack Quantity | Code |
|--|---------|---------------|------------|
| Single socket pipe 3m | | | |
|  | 40 | 30 | AS650033PY |
| | 50 | 30 | AS650053PY |
| | 110 | 15 | AS650113PY |
| | 160 | 10 | AS650153PY |


Acoustic dB12 - Pipe


| | Size mm | Pack Quantity | Code |
|---|---------|---------------|----------|
| Bend 15° | | | |
|  | 40 | 30 | AS650411 |
| | 50 | 20 | AS650421 |
| | 110 | 20 | AS650451 |
| | 160 | 1 | AS650471 |

| | | | |
|---|-----|----|----------|
| Bend 30° | | | |
|  | 40 | 30 | AS650413 |
| | 50 | 20 | AS650423 |
| | 110 | 20 | AS650453 |
| | 160 | 1 | AS650473 |


| | | | |
|---|-----|----|----------|
| Bend 45° | | | |
|  | 40 | 30 | AS650415 |
| | 50 | 20 | AS650425 |
| | 110 | 20 | AS650455 |
| | 160 | 1 | AS650475 |


| | | | |
|---|-----|----|----------|
| Bend 67° | | | |
|  | 40 | 30 | AS650417 |
| | 50 | 20 | AS650427 |
| | 110 | 20 | AS650457 |


| | | | |
|---|-----|----|----------|
| Bend 87° | | | |
|  | 40 | 30 | AS650419 |
| | 50 | 20 | AS650429 |
| | 110 | 20 | AS650459 |
| | 160 | 1 | AS650479 |


| | | | | |
|---|-----|-----|----|----------|
| Branch 45° | | | | |
|  | 40 | 40 | 10 | AS650507 |
| | 50 | 50 | 10 | AS650513 |
| | 110 | 110 | 10 | AS650531 |
| | 160 | 160 | 1 | AS650543 |

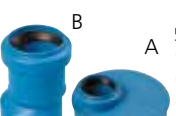
Acoustic dB12 - Pipe


| | Size mm | Pack Quantity | Code | |
|---|---------|---------------|------|----------|
| Branch 87° | | | | |
|  | 40 | 40 | 10 | AS650511 |
| | 50 | 50 | 10 | AS650517 |
| | 110 | 110 | 10 | AS650535 |
| | 160 | 160 | 1 | AS650547 |


| | | | | |
|---|-----|-----|----|----------|
| Reducing branch 45° | | | | |
|  | 50 | 40 | 20 | AS650557 |
| | 110 | 40 | 15 | AS650587 |
| | 110 | 50 | 15 | AS650593 |
| | 160 | 110 | 1 | AS650617 |

| | | | | |
|--|-----|-----|----|----------|
| Reducing branch 87° | | | | |
|  | 50 | 40 | 20 | AS650561 |
| | 110 | 40 | 15 | AS650591 |
| | 110 | 50 | 15 | AS650597 |
| | 160 | 110 | 1 | AS650621 |

| | | | | | |
|--|-----|-----|-----|---|----------|
| Double branch 45° | | | | | |
|  | 110 | 110 | 110 | 5 | AS650655 |

| | | | | | | |
|--|---|-----|-----|---|----|----------|
| Eccentric reducer | | | | | | |
|  | B | 50 | 40 | B | 20 | AS650705 |
| | A | 110 | 40 | A | 20 | AS650717 |
| | | 110 | 50 | A | 20 | AS650719 |
| | | 160 | 110 | A | 1 | AS650731 |

| | | | |
|---|-----|----|----------|
| Double depth socket | | | |
|  | 40 | 20 | AS650751 |
| | 50 | 20 | AS650753 |
| | 110 | 15 | AS650759 |

| | | | |
|---|-----|----|----------|
| Triple depth socket | | | |
|  | 40 | 20 | AS650771 |
| | 50 | 20 | AS650773 |
| | 110 | 15 | AS650779 |

Acoustic dB12

Acoustic dB12 - Pipe

| | Size mm | Pack Quantity | Code |
|--|---------|---------------|------|
|--|---------|---------------|------|

Slip coupler



| | | |
|-----|----|----------|
| 40 | 20 | AS650803 |
| 50 | 20 | AS650805 |
| 110 | 10 | AS650811 |
| 160 | 1 | AS650815 |

Double socket



| | | |
|-----|----|----------|
| 40 | 20 | AS650853 |
| 50 | 10 | AS650855 |
| 110 | 10 | AS650861 |
| 160 | 1 | AS650865 |

Access with cap



| | | |
|-----|----|----------|
| 50 | 20 | AS650901 |
| 110 | 10 | AS650907 |
| 160 | 1 | AS650911 |

Socket plug



| | | |
|-----|----|----------|
| 40 | 40 | AS650951 |
| 50 | 40 | AS650953 |
| 110 | 14 | AS650959 |
| 160 | 6 | AS650963 |

Spigot bend with cap for boss adaptor



| | | | |
|----|------|----|----------|
| 40 | 46-0 | 20 | AS650972 |
| 40 | 53-5 | 20 | AS650973 |
| 50 | 53-5 | 20 | AS650974 |
| 50 | 60-0 | 20 | AS650975 |

Straight fitting with cap for boss adaptor



| | | | |
|----|------|----|----------|
| 40 | 46-0 | 20 | AS650982 |
| 40 | 50-0 | 20 | AS650983 |
| 40 | 53-5 | 20 | AS650984 |
| 50 | 53-5 | 20 | AS650985 |

Push fit boss adaptor

For use with Spigot Bend and Straight fitting above



| | | | |
|------|-------|-----|----------|
| 46 | 24-32 | 100 | AS334003 |
| 46 | 36-40 | 100 | AS334005 |
| 50 | 36-40 | 50 | AS523011 |
| 53-5 | 24-32 | 50 | AS523015 |
| 53-5 | 36-40 | 50 | AS523017 |

Double equal branch (PVC)



| | | |
|-----|----|----------|
| 110 | 10 | AS659995 |
|-----|----|----------|

Acoustic dB12 - Pipe

| | Size mm | Pack Quantity | Code |
|--|---------|---------------|------|
|--|---------|---------------|------|

Single branch (PVC)



| | | |
|-----|----|----------|
| 110 | 10 | AS659996 |
|-----|----|----------|

Four way boss (PVC)



| | | |
|-----|----|----------|
| 110 | 10 | AS659997 |
|-----|----|----------|

For use with Terrain 117 boss adaptors on page 11

Corner boss branch (PVC)



| | | |
|-----|----|----------|
| 110 | 10 | AS659998 |
|-----|----|----------|

Universal soil manifold (PVC)

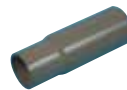


| | | |
|-----|----|----------|
| 110 | 10 | AS659999 |
|-----|----|----------|

Acoustic dB12 - Brackets and Accessories

| | Size mm | Pack Quantity | Code |
|--|---------|---------------|------|
|--|---------|---------------|------|

dB12 to pvc adaptor



| | | |
|-------------|---|------|
| 40mm to 1½" | 1 | 6789 |
| 50mm to 2" | 1 | 6790 |

Fire Stop



| | | | |
|-----|-------|------|-----------|
| 40 | ♥ Red | 5/50 | 1625.40R |
| 55 | ♥ Red | 5/50 | 1625.55R |
| 63 | ♥ Red | 5/25 | 1625.63R |
| 75 | ♥ Red | 5/10 | 1625.75R |
| 82 | ♥ Red | 5/10 | 1625.82R |
| 90 | ♥ Red | 5/10 | 1625.90R |
| 110 | ♥ Red | 5/10 | 1625.110R |
| 125 | ♥ Red | 5/10 | 1625.125R |
| 160 | ♥ Red | 5/10 | 1625.160R |
| 200 | ♥ Red | 5/10 | 1625.200R |
| 250 | ♥ Red | 5/10 | 1625.250R |
| 315 | ♥ Red | 5/10 | 1625.315R |


Note: As a Terrain Firetrap product a different discount structure applies.

Acoustic bracket G1/2"




| | | | |
|-----|-------|----|----------|
| 50 | G1/2" | 25 | AS252005 |
| 110 | G1/2" | 25 | AS252011 |
| 160 | G1/2" | 25 | AS252015 |

Acoustic dB12 - Brackets and Accessories

| | Size mm | | Pack Quantity | Code |
|---|---------|-----|---------------|------------------|
| Acoustic bracket M10 | | | | |
|  | 40 | M10 | 100 | AS3403043 |
| | 50 | M10 | 100 | AS3403053 |
| | 110 | M10 | 100 | AS3403114 |
| | 160 | M10 | 100 | AS3423168 |


Flange for wall fixing

| | | | | |
|---|----|-------|-----|-----------------|
|  | 70 | G1/2" | 100 | AS398001 |
| | 70 | M10 | 100 | AS398003 |

Threaded rod 1m

| | | | | |
|--|-----|--|---|-----------------|
|  | M10 | | 1 | AS408001 |
|--|-----|--|---|-----------------|


Pipe cutter

| | | | | |
|--|---------|----|---|---------------------|
|  | 40-63 | T2 | 1 | 9500.663T |
| | 50-140 | T3 | 1 | 9500.50140T |
| | 100-160 | | 1 | 9500.100160T |


Beveller

| | | | | |
|---|--------|--|---|--------------------|
|  | 32-160 | | 1 | 9502.32160T |
|---|--------|--|---|--------------------|

Protection cap for socket

| | | | | |
|---|-----|--|----|-----------------|
|  | 40 | | 40 | AS503001 |
| | 50 | | 40 | AS503003 |
| | 110 | | 30 | AS503007 |
| | 160 | | 10 | AS503011 |

Single-lipped seal

| | | | | |
|---|-----|--|----|-----------------|
|  | 40 | | 50 | AS391003 |
| | 50 | | 50 | AS391005 |
| | 110 | | 20 | AS391015 |
| | 160 | | 20 | AS391019 |

Index

| Code | Pack Qty | Page |
|------------------|----------|------|
| dB12 Pipe | | |
| AS650033PY | 30 | 42 |
| AS650053PY | 30 | 42 |
| AS650113PY | 15 | 42 |
| AS650153PY | 10 | 42 |

dB12 Fittings

| | | |
|----------|-----|----|
| AS334003 | 100 | 43 |
| AS334005 | 100 | 43 |
| AS523011 | 50 | 43 |
| AS523015 | 50 | 43 |
| AS523017 | 50 | 43 |
| AS650411 | 30 | 42 |
| AS650413 | 30 | 42 |
| AS650415 | 30 | 42 |
| AS650417 | 30 | 42 |
| AS650419 | 30 | 42 |
| AS650421 | 20 | 42 |
| AS650423 | 20 | 42 |
| AS650425 | 20 | 42 |
| AS650427 | 20 | 42 |
| AS650429 | 20 | 42 |
| AS650451 | 20 | 42 |
| AS650453 | 20 | 42 |
| AS650455 | 20 | 42 |
| AS650457 | 20 | 42 |
| AS650459 | 20 | 42 |
| AS650471 | 1 | 42 |
| AS650473 | 1 | 42 |
| AS650475 | 1 | 42 |
| AS650479 | 1 | 42 |
| AS650507 | 10 | 42 |
| AS650511 | 10 | 42 |
| AS650513 | 10 | 42 |
| AS650517 | 10 | 42 |
| AS650531 | 10 | 42 |
| AS650535 | 10 | 42 |
| AS650543 | 1 | 42 |
| AS650547 | 1 | 42 |
| AS650557 | 20 | 42 |
| AS650561 | 20 | 42 |
| AS650587 | 15 | 42 |
| AS650591 | 15 | 42 |
| AS650593 | 15 | 42 |
| AS650597 | 15 | 42 |
| AS650617 | 1 | 42 |
| AS650621 | 1 | 42 |
| AS650655 | 5 | 42 |
| AS650705 | 20 | 42 |
| AS650717 | 20 | 42 |
| AS650719 | 20 | 42 |
| AS650731 | 1 | 42 |
| AS650751 | 20 | 42 |
| AS650753 | 20 | 42 |
| AS650759 | 15 | 42 |
| AS650771 | 20 | 42 |
| AS650773 | 20 | 42 |
| AS650779 | 15 | 42 |
| AS650803 | 20 | 43 |
| AS650805 | 20 | 43 |
| AS650811 | 10 | 43 |
| AS650815 | 1 | 43 |
| AS650853 | 20 | 43 |
| AS650855 | 10 | 43 |
| AS650861 | 10 | 43 |
| AS650865 | 1 | 43 |
| AS650901 | 20 | 43 |
| AS650907 | 10 | 43 |
| AS650911 | 1 | 43 |
| AS650951 | 40 | 43 |
| AS650953 | 40 | 43 |
| AS650959 | 14 | 43 |

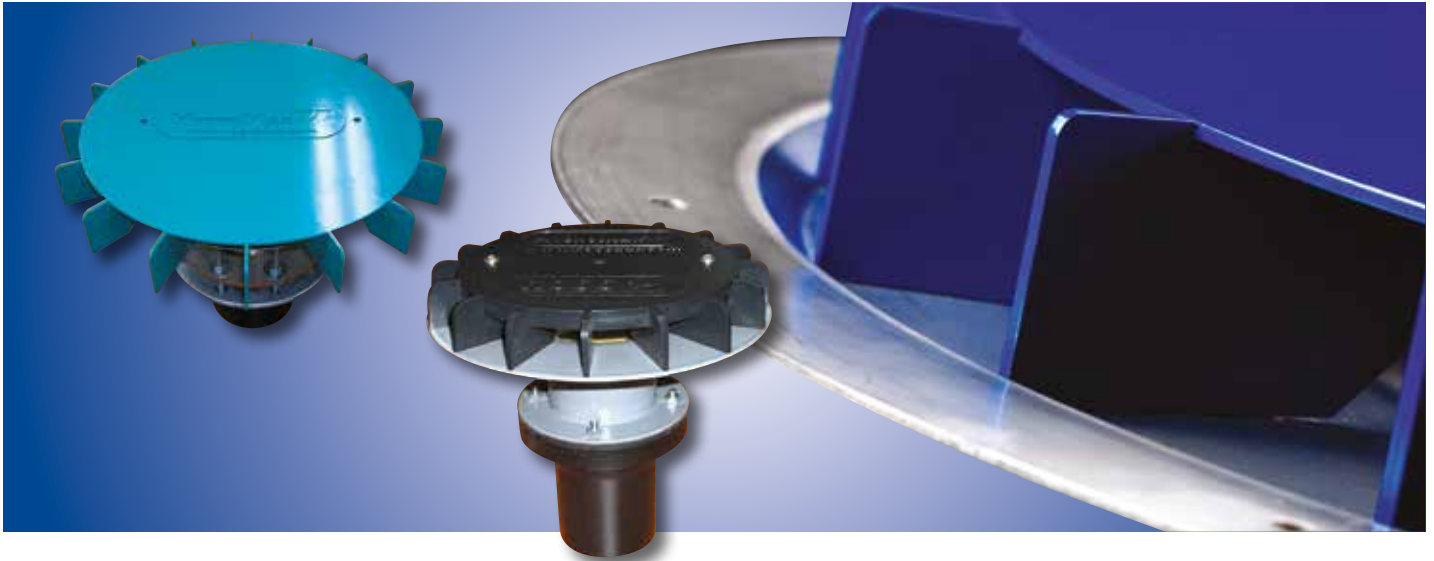
Index

| Code | Pack Qty | Page |
|----------|----------|------|
| AS650963 | 6 | 43 |
| AS650972 | 20 | 43 |
| AS650973 | 20 | 43 |
| AS650974 | 20 | 43 |
| AS650975 | 20 | 43 |
| AS650982 | 20 | 43 |
| AS650983 | 20 | 43 |
| AS650984 | 20 | 43 |
| AS650985 | 20 | 43 |
| AS659995 | 10 | 43 |
| AS659996 | 10 | 43 |
| AS659997 | 10 | 43 |
| AS659998 | 10 | 43 |
| AS659999 | 10 | 43 |

dB12 Brackets and Accessories

| | | |
|--------------|------|----|
| 1625.40R | 5/50 | 43 |
| 1625.55R | 5/50 | 43 |
| 1625.63R | 5/25 | 43 |
| 1625.75R | 5/10 | 43 |
| 1625.82R | 5/10 | 43 |
| 1625.90R | 5/10 | 43 |
| 1625.110R | 5/10 | 43 |
| 1625.125R | 5/10 | 43 |
| 1625.160R | 5/10 | 43 |
| 1625.200R | 5/10 | 43 |
| 1625.250R | 5/10 | 43 |
| 1625.315R | 5/10 | 43 |
| 9500.100160T | 1 | 44 |
| 9500.50140T | 1 | 44 |
| 9500.663T | 1 | 44 |
| 9502.32160T | 1 | 44 |
| 6789 | 1 | 43 |
| 6790 | 1 | 43 |
| AS252005 | 25 | 43 |
| AS252011 | 25 | 43 |
| AS252015 | 25 | 43 |
| AS3403043 | 100 | 44 |
| AS3403053 | 100 | 44 |
| AS3403114 | 100 | 44 |
| AS3423168 | 100 | 44 |
| AS391003 | 50 | 44 |
| AS391005 | 50 | 44 |
| AS391015 | 20 | 44 |
| AS391019 | 20 | 44 |
| AS398001 | 100 | 44 |
| AS398003 | 100 | 44 |
| AS408001 | 1 | 44 |
| AS503001 | 40 | 44 |
| AS503003 | 40 | 44 |
| AS503007 | 30 | 44 |
| AS503011 | 10 | 44 |

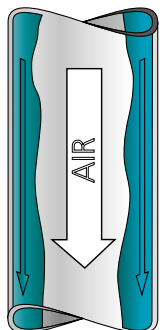
Terrain Siphonic System



Terrain HydroMax provides an advanced Siphonic Roof Drainage solution offering full compliance with BS 8490:2007 using **TERRAIN FUZE** BBA certified pipes and fittings. Terrain's self-cleaning, high velocity flow HydroMax siphonic roof drainage system offers a quick and efficient way to remove large volumes of rainwater from roofs in a controlled manner. Designed to accommodate recent changes in storm patterns, as stipulated in BS EN 12056-3:2000 it uses siphonic principles to 'suck' the rainwater from the roof into small diameter pipes, creating a flow capacity up to ten times greater than that of an equivalent gravity-fed system.

Specially designed high flow siphonic roof drain eliminates air ingress to promote speedy priming

- Pipes run horizontally within building envelope
- Reduces underground drainage requirements
- Up to 45% cost saving overall
- Exceptionally accurate design software
- Easy routing of rainwater from roof to desired discharge location, making system an ideal partner for rainwater harvesting

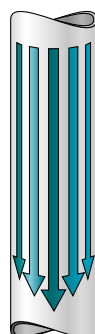


Gravity flow

A gravity drainage system limits capacity to one-third water, that adheres to the inner pipe wall, with a large two-thirds air core.

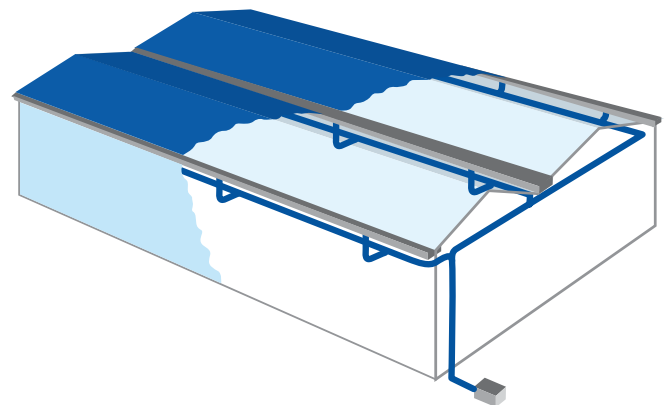
Terrain HydroMax

In the Terrain HydroMax system, air is purged from the pipe so that it runs 100% full of water, enabling smaller diameter pipes to remove higher volumes of rainwater.

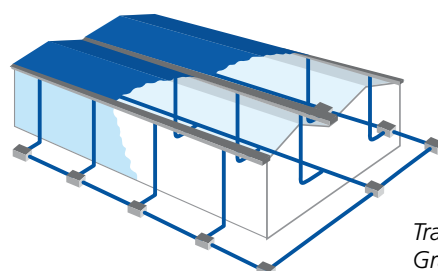


Design Freedom

With Terrain HydroMax, collector pipes can be installed horizontally without a slope, allowing the design team to control downpipe locations.

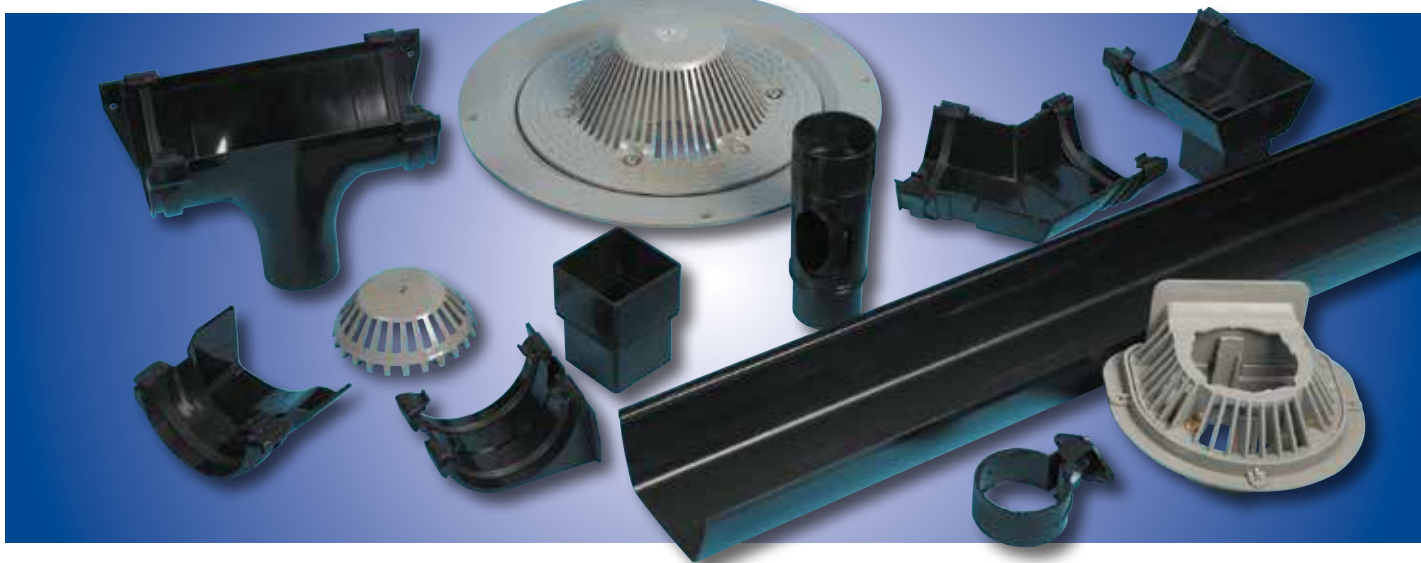


This enables a significant reduction in underground drainage, trenching, soil removal, treatment of backfill and often means no drainage is required under the building floor slab.



Traditional Gravity Fed System

Terrain



Distinctive shapes – exceptional performance

Quality product, innovation and outstanding service – the combined promise that ensures every one of Terrain's five rainwater drainage systems will surpass your requirements, whatever the installation you're specifying.

Large or small; residential or commercial; in the public sector or as part of an industrial development, in terms of both capacity and design aesthetics the Terrain range of products is impossible to beat.

Each Terrain system comprises fully integrated gutter and downpipe assemblies as well as outlets for balconies and flat roofs, and includes all the fittings and accessories needed for easy installation.

Features and benefits

- Captive seals in all gutter systems
- Combination clipping system for quick reliable installation
- Fixing locations positioned outside the wet areas
- Expansion markings on ALL gutter fixings
- Dry jointed spigot-socket downpipe system
- Complies to EN607/EN12200/EN1462

Outlets



Roof and Balcony Outlets

Outlets available for all flat roof and balcony structures and drain vent systems (for large roof areas use Terrain HydroMax Siphonic system, see page 41 for further details).

Streamline



Large square profile

A high capacity system ideal for commercial properties and larger houses. Can drain roof areas up to 294m² with a single downpipe. Capacity per outlet 6.11 litres/sec.

Crescent



True half-round profile

Ideal for houses, smaller commercial buildings and offices. Can drain roof areas up to 122m² with a single downpipe. Capacity per outlet 2.54 litres/sec.

Rapidflow



Deep elliptical profile

A high capacity system suiting all styles of property. Ideal for large roof areas or areas with higher than normal rainfall. Can drain roof areas up to 266m² with a single downpipe. Capacity per outlet 5.53 litres/sec.

Corniche



Square profile

A popular, modern system suiting domestic houses, bungalows and conservatories. Can drain roof areas up to 149m² with a single downpipe. Capacity per outlet 3.11 litres/sec.










Omega

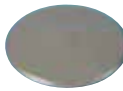








Ogee profile

Ideal for the more distinctive house, also suiting bungalows and conservatories. Can drain roof areas up to 242m² with a single downpipe. Capacity per outlet 5.04 litres/sec.

Roof/Balcony Outlet & Gutter Systems

| Outlets | | | | | |
|---|-------|-----|----------|------------------|---|
| Size mm | Angle | Col | Pack/Box | Code | |
| Flat roof outlet - large | | | | | |
| To drain surface water from flat roofs Suitable for most roof finishes | | | | | |
| 82 | | G | 1/0 | 2170.3 |  |
| 110 | | G | 1/0 | 2170.4 | |
| Flat roof outlet - small | | | | | |
| To drain surface water from porches, garages and small balconies. Suitable for mineral felt or single layer plastic roofs | | | | | |
| 50 | | G | 1/40 | 2180.2 |  |
| 82 | | G | 1/40 | 2180.3 | |
| Domed roof outlet - large | | | | | |
| To drain surface water from flat roofs Suitable for most roof finishes | | | | | |
| 82 | | G | 1/0 | 2171.3 |  |
| 110 | | G | 1/0 | 2171.4 | |
| Domed roof outlet - small diameter | | | | | |
| To drain surface water from porches, garages and small balconies. Suitable for mineral felt or single layer plastic roofs | | | | | |
| 50 | | G | 1/20 | 2181.2 |  |
| 82 | | G | 1/0 | 2181.3 | |
| Vent pipe outlet socket | | | | | |
| Special vented type for combined systems Suitable for most roof finishes | | | | | |
| 110 | | G | 1/3 | 2171.4A |  |
| Inverted roof outlet | | | | | |
| To allow for drainage from two levels as required with inverted roof construction | | | | | |
| 110 | | G | 1/3 | 2171.4A |  |
| Balcony outlet | | | | | |
| For screed-finished balconies. Connects to 82mm round downpipe can be reduced via socket Adaptors – 2173.3.25 for 68mm round pipe When used singly or at top of multi-storey building, use 9995.3 Blanking Cap | | | | | |
| 82 | | G | 1/12 | 2172.3 |  |
| Balcony outlet | | | | | |
| For asphalt-finished balconies Details as 2172.3 above | | | | | |
| 82 | | G | 1/0 | 2174.3 |  |
| Socket adaptor - 82mm x 68mm | | | | | |
| To connect socket of 2172.3 and 2174.3 Balcony Outlets to 68mm round downpipe | | | | | |
| 82/68 | | G | 5/140 | 2173.3.25 |  |

| Outlets | | | | | |
|---|-------|------|----------|------------------|---|
| Size mm | Angle | Col | Pack/Box | Code | |
| Cap for balcony outlet | | | | | |
| For use with 2173.3.25 and 2273.23 when used singly or at top of multi-storey building | | | | | |
| | | G | 1/250 | 9995.3 |  |
| Spare grid | | | | | |
| Spare Grid for Balcony Outlet | | | | | |
| | | G | 1 | 9990 | for 2172 |
| | | G | 1 | 9999 | for 2174 |
| Spare Grid for Flat Roof Outlet | | | | | |
| | | G | 1 | 9981 | for 2170 |
| | | G | 1 | 9972 | for 2180.3 |
| Spare Grid for Domed Roof Outlet | | | | | |
| | | G | 1 | 9980 | for 2171 |
| | | G | 1 | 9970 | for 2181.2/2181.3 |
| Spigot/socket bend | | | | | |
| *Please note these fittings are part of our soil and waste range and priced accordingly. To connect 2170.3, 2171.3, 2180.3 and 2181.3 outlets to downpipe | | | | | |
| 82 | | G | 5/40 | 107.3.92 |  |
| | | G | -/10 | 107.4.92 | To connect 2170.4 and 2171.4 outlets to downpipe |
| | | G | -/10 | 107.4.92 | To connect 2180.2 and 2181.2 outlets to downpipe |
| 50 | | G | 5/60 | 207.2.92 | To connect 2180.2 and 2181.2 outlets to downpipe |
| Crescent | | | | | |
| Size mm | Angle | Col | Pack/Box | Code | |
| Gutter | | | | | |
| True half round profile for maximum capacity Standard gutter length 4m | | | | | |
| 110 | | GBWR | 5/0 | 2150.4.40 |  |
| Joint bracket | | | | | |
| For joining gutter lengths | | | | | |
| 110 | | GBWR | 5/100 | 2151.4 |  |
| Supporting bracket | | | | | |
| For supporting gutter lengths, angles and stop-end outlets | | | | | |
| 110 | | GBWR | 10/180 | 2152.4 |  |
| Running outlet | | | | | |
| For connecting gutter run to downpipe | | | | | |
| 110 | | GBWR | 5/40 | 2153.4.25 |  |
| Stop end outlet | | | | | |
| To cap open gutter and connect gutter run to downpipe | | | | | |
| 110 | | GBWR | 5/40 | 2157.4.25 |  |

To order the part you require simply attach the colour reference to the end of the product code eg. Crescent Half Round Gutter in Black: 2150.4.40B.

Colours: G - Grey B - Black W - White R - Rustic Brown

Terrain

Crescent



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Gutter angle

To change gutter run direction: 90°, 120° and 135° as standard



| | | | | |
|-----|-----|------|------|-------------------|
| 110 | 90 | GBWR | 5/40 | 2154.4.90 |
| 110 | 120 | B | 5/60 | 2154.4.120 |
| 110 | 135 | GBW | 4/64 | 2154.4.135 |
| 110 | 156 | B | 5/60 | 2154.4.156 |

Short stop end

To cap open gutter end



| | | | |
|-----|------|-------|---------------|
| 110 | GBWR | 5/130 | 2155.4 |
|-----|------|-------|---------------|

Corniche



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Gutter

Rectilinear profile. Standard gutter length 4m



| | | | |
|-----|------|-----|------------------|
| 110 | GBWR | 5/0 | 2250.4.40 |
|-----|------|-----|------------------|

Price per metre £5.38

Joint bracket

For joining gutter lengths



| | | | |
|-----|------|-------|---------------|
| 120 | GBWR | 10/80 | 2251.5 |
|-----|------|-------|---------------|

Support bracket

For supporting gutter lengths, angles and stop-end outlets



| | | | |
|-----|------|--------|---------------|
| 120 | GBWR | 10/180 | 2252.5 |
|-----|------|--------|---------------|

Running outlet

For connecting gutter run to downpipe



| | | | |
|-----|------|------|------------------|
| 120 | GBWR | 5/30 | 2253.5.23 |
|-----|------|------|------------------|

Stop end outlet

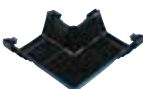
To cap open gutter end and connect gutter to downpipe



| | | | |
|-----|------|------|------------------|
| 110 | GBWR | 5/40 | 2257.5.23 |
|-----|------|------|------------------|

Gutter angle

To change gutter run direction: 90°, 120° and 135° as standard



| | | | | |
|-----|------|------|------|-------------------|
| 120 | 90° | GBWR | 5/40 | 2254.5.90 |
| 120 | 120° | BW | 5/50 | 2254.5.120 |
| 120 | 135° | GBWR | 4/60 | 2254.5.135 |

Short stop end

To cap open gutter end



| | | | |
|-----|------|--------|---------------|
| 120 | GBWR | 10/130 | 2255.5 |
|-----|------|--------|---------------|

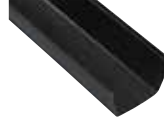
Streamline



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Gutter

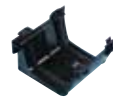
High capacity rectilinear profile
Standard gutter length 4m



| | | | |
|-----|----|-----|------------------|
| 137 | BW | 4/0 | 2350.6.40 |
|-----|----|-----|------------------|

Joint bracket

For joining gutter lengths



| | | | |
|-----|----|------|------------------|
| 137 | BW | 4/52 | 2351.6.12 |
|-----|----|------|------------------|

Support bracket

For supporting gutter lengths



| | | | |
|-----|----|-------|---------------|
| 137 | BW | 5/100 | 2352.6 |
|-----|----|-------|---------------|

Overslung bracket

Leaves front face of gutter uncluttered for improved appearance



| | | | |
|-----|----|------|-----------------|
| 137 | BW | 5/90 | 2352.150 |
|-----|----|------|-----------------|

Running outlet

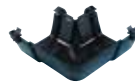
For connecting gutter run to downpipe



| | | | | |
|-------------------------|----|------|------------------|--|
| To 75mm square downpipe | | | | |
| 137 | BW | 5/15 | 2353.6.33 | |
| To 82mm round downpipe | | | | |
| 137 | BW | -/5 | 2353.6.3 | |
| To 110mm round downpipe | | | | |
| 137 | B | 5/15 | 2353.6.4 | |

Gutter angle

To change gutter run direction: 90° and 135° as standard



| | | | | |
|-----|-----|----|------|-------------------|
| 137 | 90 | BW | 5/20 | 2354.6.90 |
| 137 | 135 | BW | 5/25 | 2354.6.135 |

Short stop end

To cap open gutter end



| | | | |
|-----|----|--------|---------------|
| 137 | BW | 10/120 | 2355.6 |
|-----|----|--------|---------------|

Rapidflow



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Gutter

Deep elliptical profile
Standard gutter length 4m



| | | | |
|-----|-----|-----|------------------|
| 131 | BWR | 5/0 | 2450.5.40 |
|-----|-----|-----|------------------|

Joint bracket

For joining gutter lengths



| | | | |
|-----|-----|------|---------------|
| 131 | BWR | 4/64 | 2451.5 |
|-----|-----|------|---------------|

Roof/Balcony Outlet & Gutter Systems

Rapidflow

| Size mm | Angle | Col | Pack/Box | Code |
|--|-------|-----|----------|------------|
| Support bracket | | | | |
| For supporting gutter lengths, angles and stop-end outlets | | | | |
| 131 | | BWR | 10/120 | 2452.5 |
| Running outlet | | | | |
| For connecting gutter run to downpipe | | | | |
| To 68mm round downpipe | | | | |
| 131 | | BWR | 5/15 | 2453.5.25 |
| To 82mm round downpipe | | | | |
| 131 | | BWR | 5/15 | 2453.5.3 |
| Stop end outlet | | | | |
| To cap open gutter end and connect gutter to 68mm round downpipe | | | | |
| 131 | | BWR | 5/25 | 2457.5.25 |
| Gutter angle | | | | |
| To change gutter run direction: 90° and 135° as standard | | | | |
| 131 | 90 | BWR | 5/25 | 2454.5.90 |
| 131 | 135 | BWR | 5/40 | 2454.5.135 |
| Short stop end | | | | |
| To cap open gutter end | | | | |
| 131 | | BWR | 10/150 | 2455.5 |

Omega

| Size mm | Angle | Col | Pack/Box | Code |
|---|-------|-----|----------|------------|
| Gutter | | | | |
| Deep ogee profile Standard gutter length 4m | | | | |
| 122 | | BWR | 5/0 | 2550.5.40 |
| Joint bracket | | | | |
| For joining gutter lengths | | | | |
| 122 | | BWR | 4/72 | 2551.5 |
| Underslung support bracket | | | | |
| For supporting gutter lengths | | | | |
| 122 | | B | 10/120 | 2552.5C |
| 2552.5 is for use with Rafter brackets | | | | |
| 122 | | BWR | 10/120 | 2552.5 |
| Overslung support bracket | | | | |
| Leaves front face of gutter uncluttered for improved appearance | | | | |
| 122 | | BWR | 5/200 | 2552.5.150 |

Omega

| Size mm | Angle | Col | Pack/Box | Code |
|--|-------|-----|----------|-------------|
| Running outlet | | | | |
| For connecting gutter run to 68mm or 62mm downpipe | | | | |
| 122 | | BWR | 5/25 | 2553.5.25 |
| Stop end outlet | | | | |
| To cap open gutter end and connect gutter to 68mm or 62mm downpipe | | | | |
| Left (L) and Right (R) hand versions are available | | | | |
| 122 | | BWR | 5/40 | 2557.5.25L |
| 122 | | BWR | 5/40 | 2557.5.25R |
| Internal gutter angle | | | | |
| To change gutter run direction: 90° and 135° as standard | | | | |
| 122 | 90 | BWR | 5/20 | 2554.5.90I |
| 122 | 135 | B | 5/40 | 2554.5.135I |
| External gutter angle | | | | |
| To change gutter run direction: 90° & 135° as standard | | | | |
| 122 | 90 | BWR | 5/20 | 2554.5.90E |
| 122 | 135 | BWR | 5/30 | 2554.5.135E |
| Short stop end - external | | | | |
| To cap open gutter end at external roofline boundaries | | | | |
| Left (L) and Right (R) hand versions are available | | | | |
| 122 | | BWR | 5/65 | 2555.5L |
| 122 | | BWR | 5/65 | 2555.5R |
| Internal stop end | | | | |
| To cap open fitting end and at internal roofline boundaries | | | | |
| Left (L) and Right (R) hand versions are available | | | | |
| 122 | | W | 10/80 | 2556.5L |
| 122 | | W | 10/80 | 2556.5R |

Gutter fixings

| Size mm | Angle | Col | Pack/Box | Code |
|--|-------|-----|----------|------|
| Side rafter bracket - adjustable | | | | |
| For connecting gutter support bracket and strap to side of open rafter end | | | | |
| For 2100 Crescent and 2200 Corniche | | | | |
| 91 | | B | 10/70 | 2160 |
| For 2300 Streamline, 2400 Rapidflow and 2500 Omega | | | | |
| 115 | | B | 5/60 | 2360 |
| Top rafter bracket - adjustable | | | | |
| For connecting gutter support bracket and strap to top edge of open rafter end | | | | |
| For 2100 Crescent and 2200 Corniche | | | | |
| 86 | | B | 20/70 | 2161 |
| For 2300 Streamline, 2400 Rapidflow and 2500 Omega | | | | |
| 115 | | B | 20/80 | 2361 |

To order the part you require simply attach the colour reference to the end of the product code eg. Crescent Half Round Gutter in Black: 2150.4.40B.

Colours: G - Grey B - Black W - White R - Rustic Brown

Terrain

Gutter fixings

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Rise and fall bracket - adjustable - drive in bracket




To support gutter support bracket and strap where no fascia or rafters are available

For 2300 Streamline, 2400 Rapidflow and 2500 Omega
275  Self 10/25 **2362**

Support strap - all systems




Provides support for gutter fittings (running outlets and joint brackets) where fitting to rafters is required

310  Self 15/75 **2265**

Spacer block - straight




To increase stand-off distance of gutter support bracket

For 2100 Crescent and 2200 Corniche
76  B 20/500 **2166**

Spacer block - tapered



To compensate for 22½° of sloping fascia

For 2100 Crescent and 2200 Corniche
76  B 20/500 **2166.22**

Gutter adaptors

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Crescent to 4½" cast iron spigot




Socket adaptor to receive spigot end of half-round cast iron gutter

110  GB 2/80 **2158.4.45**

Crescent to 4½" cast iron socket



Spigot-end adaptor for linking into socket-end of half-round cast iron gutter

110  B 2/80 **2159.4.45**

Adaptor to other PVCu gutters




2100 adaptor to all round rainwater systems

110  Self 10/400 **2167.4**

Crescent to 4½" Ogee cast iron spigot




Socket adaptor to receive spigot end of ogee cast iron gutter

110  B 2/60 **2168.4.45**

Crescent to 4½" Ogee cast iron socket



Spigot-end adaptor for linking into socket-end of Ogee cast iron gutter

110  B 2/60 **2169.4.45**


Gutter adaptors

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Adaptor clip to other PVCu gutters




2400 adaptor to all deepflow round systems

131  Self 10/100 **2467.5**

Gutter outlet guard



For placement over outlet aperture to reduce risk of downpipe blockages by leaves, other debris etc. Suitable for 68mm round and 62mm square outlets

68/62  B 10/500 **9915.25**

Lubricant







For lubricating seal rings on expansion fittings

250ml  1/150 **9136.250L**

Gutter seal


Replacement seals for gutter fittings at connection points

for 2100 Crescent  Self **1/1400 9911**
for 2200 Corniche  Self **1/1000 9922**
for 2300 Streamline and 2500 Omega  Self **1/1000 9933**
for 2400 Rapidflow  Self **1/1400 9944**


Standard Specials

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|


Crescent special angle

 GBWR **F2154.4.X**


Crescent raked angle

 GBWR **F2154.4.X.YT**

Corniche special angle

 GBWR **F2254.5.X**

Corniche raked angle

 GBWR **F2254.5.X.YT**


Corniche to 5"x3" hr C.I.

 GBWR **F2259.4.5.CI**


Corniche to 5" hr asbestos

 GBWR **F2259.5.5.AS**


Streamline special angle

 BW **F2354.6.X**


Streamline raked ext angle

 BW **F2354.6E.X.YT**

Rapidflow special angle

 BWR **F2454.5.X**

68mm PVCu to 3" C.I.

 GBW **F2115.3.CI.25**

















68mm PVCu to 3¼" C.I.

















 GBWR **F2115.35.CI.25**

62mm special angle






















 GBWR **F2208.23.X**
















Roof/Balcony Outlet & Gutter Systems

| Downpipes 68mm     | | | | | |
|---|-------|--|----------|--------------------|--|
| Size mm | Angle | Col | Pack/Box | Code | |
| Downpipe | | | | | |
| Plain ended lengths | | | | | |
| 68 | 3.0m |  GBWR | 5/0 | 2100.25.30 | |
| 68 | 4.0m |  GBWR | 5/0 | 2100.25.40 | |
| 68 | 5.5m |  B | 5/0 | 2100.25.55 | |
| Straight coupler | | | | | |
| For joining pipe lengths. Fittings grooved to locate downpipe bracket | | | | | |
| 68 | |  GBWR | 5/120 | 2107.25 | |
| Short Bend | | | | | |
| To change pipe direction: 92½° and 112½° bends To construct 'swan necks', use two 112½° bends | | | | | |
| 68 | 92½ |  GBWR | 5/110 | 2108.25.92 | |
| 68 | 112½ |  GBWR | 5/140 | 2108.25.112 | |
| Long radius bend | | | | | |
| To change pipe direction: 112½° Prevents dislocation of swan neck | | | | | |
| 68 | 112½ |  BWR | 10/70 | 2101.25.112 | |
| Shoe | | | | | |
| To terminate rainwater downpipe discharging over gully Grooved to locate downpipe bracket. | | | | | |
| 68 | |  GBWR | 5/85 | 2110.25 | |
| Branch | | | | | |
| To join 68mm branch pipe to 68mm vertical pipe at an angle 90° and 112½° | | | | | |
| 68 | 90 |  WR | 5/110 | 2109.25.92 | |
| 68 | 112½ |  GBWR | 5/55 | 2109.25.112 | |
| Pipe fitting bracket | | | | | |
| To secure downpipe to wall | | | | | |
| 68 | |  GBWR | 10/180 | 2116.25 | |
| Pipe fitting clip | | | | | |
| Minimum stand-off distance (to back of pipe): 32mm | | | | | |
| 68 | |  GBWR | 10/180 | 2113.25 | |

| Downpipes 68mm     | | | | | |
|---|-------|--|----------|--------------------|--|
| Size mm | Angle | Col | Pack/Box | Code | |
| Pipe and fitting bracket - adjustable | | | | | |
| Allows up to 10mm stand-off adjustment | | | | | |
| 68 | |  GBW | 20/100 | 2112.25.T | |
| Pipe and fitting bracket - drive-in | | | | | |
| Minimum stand-off distance (to back of pipe): 52mm | | | | | |
| 68 | |  BW | 5/25 | 2112.25.D | |
| Access pipe | | | | | |
| To allow pipe cleaning or inspection Grooved to locate downpipe bracket. | | | | | |
| 68 | |  BWR | 5/35 | 2137.25 | |
| Rainwater hopper head | | | | | |
| To collect surface water at roof level where gutters are not possible | | | | | |
| 68 | |  GBWR | 5/15 | 2111.25 | |
| Downpipe 62mm   | | | | | |
| Size mm | Angle | Col | Pack/Box | Code | |
| Downpipe | | | | | |
| Plain ended lengths | | | | | |
| 62 | 3.0m |  GBWR | 5/0 | 2200.23.30 | |
| 62 | 4.0m |  GBWR | 5/0 | 2200.23.40 | |
| 62 | 5.5m |  B | 5/0 | 2200.23.55 | |
| Straight connector | | | | | |
| For joining pipe lengths Grooved to locate downpipe bracket. | | | | | |
| 62 | |  GBWR | 10/120 | 2207.23 | |
| Bend | | | | | |
| To change pipe direction: 92½° and 112½° bends as standard To construct 'swan necks', use two 112½° bends | | | | | |
| 62 | 92½ |  GBWR | 5/120 | 2208.23.92 | |
| 62 | 112½ |  GBWR | 10/60 | 2208.23.112 | |

Terrain

| Downpipe 62 mm    | | | | | |
|---|---|---|-------------|--------------------|--|
| Size mm | Angle | Col | Pack/Box | Code | |
| Branch | | | | | |
|  | To join 62mm branch pipe to 62mm vertical pipe at an angle 112½° | | | | |
| 62 | |  | GBWR 5/65 | 2209.23.112 | |
| Wall offset | | | | | |
|  | To allow downpipe to accommodate wall plinth or other obstruction up to 25mm | | | | |
| 62 | |  | GBWR 5/85 | 2214.23 | |
| Shoe | | | | | |
|  | To terminate rainwater downpipe discharging over gully Grooved to locate downpipe bracket. | | | | |
| 62 | |  | GBWR 5/100 | 2210.23 | |
| Rainwater hopper head | | | | | |
|  | To collect surface water at roof level where gutters are not possible | | | | |
| 62 | |  | GBWR 5/20 | 2211.23 | |
| Adaptor - square to round | | | | | |
|  | For connecting 62mm square to 68mm round down pipe | | | | |
| 62/68 | |  | GBWR 10/160 | 2215.23.25 | |
| Pipe and fitting bracket - adjustable | | | | | |
|  | Allows up to 32mm stand-off adjustment | | | | |
| 62 | |  | GBWR 10/100 | 2212.23 | |
| Pipe and fitting bracket | | | | | |
|  | Stand-off distance (to back of pipe): 13mm | | | | |
| 62 | |  | GBWR 10/200 | 2213.23 | |
| Long stand-off downpipe bracket | | | | | |
|  | Stand-off distance (to back of pipe): 31mm | | | | |
| 62 | |  | GBWR 20/200 | 2216.23 | |
| Access pipe | | | | | |
|  | To allow pipe cleaning or inspection | | | | |
| 62 | |  | BWR -/15 | 2237.23 | |

| Downpipe 75 mm   | | | | | |
|---|---|---|----------|--------------------|--|
| Size mm | Angle | Col | Pack/Box | Code | |
| Downpipe | | | | | |
|  | Plain ended lengths | | | | |
| 75 | 4.0m |  | BW 5/0 | 2300.33.40 | |
| Straight connector | | | | | |
|  | For joining pipe lengths Grooved to locate downpipe bracket. | | | | |
| 75 | |  | BW 10/80 | 2307.33 | |
| Bend | | | | | |
|  | To change pipe direction: 112½° bends To construct 'swan necks', use two 112½° bends | | | | |
| 75 | |  | BW 5/80 | 2308.33.112 | |
| Shoe | | | | | |
|  | To terminate rainwater downpipe discharging over gully Grooved to locate downpipe bracket. | | | | |
| 75 | |  | BW 5/60 | 2310.33 | |
| Pipe and fitting bracket | | | | | |
|  | Stand-off distance (to back of pipe): 13mm | | | | |
| 75 | |  | BW 5/160 | 2313.33 | |
| Wall offset | | | | | |
|  | To allow downpipe to accommodate wall plinth or other obstruction up to 57mm | | | | |
| 75 | |  | BW 4/36 | 2314.33 | |
| Branch | | | | | |
|  | To join 75mm branch pipe to 75mm vertical pipe at an angle 112½° | | | | |
| 75 | | | BW 5/20 | 2309.33.112 | |

Roof/Balcony Outlet & Gutter Systems

Downpipe 75 mm

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Rainwater hopper head



To collect surface water at roof level where gutters are not possible

| | | | | | |
|----|--|---|----|------|---------|
| 75 | | W | BW | 5/10 | 2311.33 |
|----|--|---|----|------|---------|

Access pipe



To allow pipe cleaning or inspection

| | | | | | |
|----|--|---|---|------|---------|
| 75 | | W | B | 1/30 | 2337.33 |
|----|--|---|---|------|---------|

Downpipe 82 mm

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Downpipe



Plain ended lengths

| | | | | | |
|----|------|---|-----|-----|-----------|
| 82 | 4.0m | W | BWR | 2/0 | 2100.3.40 |
|----|------|---|-----|-----|-----------|

Straight coupler - double socket



For joining pipe lengths

| | | | | | |
|----|--|---|-----|------|--------|
| 82 | | W | BWR | 5/50 | 2107.3 |
|----|--|---|-----|------|--------|

Swept bend



To change pipe direction: 92½°, 112½° and 135° as standard

To construct 'swan necks', use two 112½° bends

| | | | | | |
|----|------|---|-----|------|------------|
| 82 | 92½ | W | BWR | 5/20 | 2101.3.92 |
| 82 | 112½ | W | BWR | 5/40 | 2101.3.112 |
| 82 | 135 | W | B | 5/25 | 2101.3.135 |

Branch - all socket



To join branch pipe to same size vertical pipe at an angle 92½°, 112½° and 135°

| | | | | | |
|----|------|---|---|------|------------|
| 82 | 92½ | W | B | 1/25 | 2109.3.92 |
| 82 | 112½ | W | B | 1/25 | 2109.3.112 |

Shoe



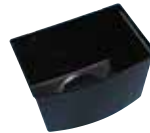
To terminate rainwater downpipe discharging over gully
Grooved to locate downpipe bracket.

| | | | | | |
|----|--|---|-----|------|--------|
| 82 | | W | BWR | 5/60 | 2110.3 |
|----|--|---|-----|------|--------|

Downpipe 82 mm

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Rainwater hopper head



To collect surface water at roof level where gutters are not possible

| | | | | | |
|----|--|---|-----|------|--------|
| 82 | | W | BWG | 5/20 | 2111.3 |
|----|--|---|-----|------|--------|

One piece downpipe bracket



To support pipe and fittings – stand-off distance (to back of pipe): 35mm

| | | | | | |
|----|--|---|-----|-------|-------|
| 82 | | W | BWR | 5/150 | 143.3 |
|----|--|---|-----|-------|-------|

Access pipe



To allow pipe cleaning or inspection

| | | | | | |
|----|--|---|---|------|--------|
| 82 | | W | R | 1/28 | 2137.3 |
|----|--|---|---|------|--------|

Downpipe 110 mm

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Downpipe



Plain ended lengths

| | | | | | |
|-----|------|---|-----|---|----------|
| 110 | 3.0m | W | GBW | 2 | 100.4.30 |
| 110 | 4.0m | W | GBW | 2 | 100.4.40 |

Seal ring adaptor



To convert standard solvent-weld socket to ring seal (expansion) fitting

| | | | | | |
|-----|--|---|-----|-------|-------|
| 110 | | W | GBW | 5/180 | 109.4 |
|-----|--|---|-----|-------|-------|

Straight coupler



For joining pipe lengths

| | | | | | |
|-----|--|---|-----|------|-------|
| 110 | | W | GBW | 5/60 | 110.4 |
|-----|--|---|-----|------|-------|

Expansion coupler



To create expansion joint when joining pipe lengths in a solvent system

Grooved to locate downpipe bracket.

| | | | | | |
|-----|--|---|-----|------|-------|
| 110 | | W | GBW | -/10 | 111.4 |
|-----|--|---|-----|------|-------|

Terrain

Downpipe



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Swept bend



To change pipe direction: 92½°, 112½° and 135° as standard

| | | | | |
|-----|------|-----|------|------------------|
| 110 | 92½ | GBW | -/10 | 101.4.92 |
| 110 | 112½ | GB | 5/20 | 101.4.112 |
| 110 | 135 | GBW | 5/30 | 101.4.135 |

Spigot bend



To change pipe direction in limited-space situation

| | | | | |
|-----|--|-----|------|------------------|
| 110 | | GBW | -/15 | 107.4.135 |
|-----|--|-----|------|------------------|

Spigot bend - long tail



To change pipe direction in limited-space situation

| | | | | |
|-----|-----|-----|------|-----------------|
| 110 | 92½ | GBW | -/10 | 107.4.92 |
|-----|-----|-----|------|-----------------|

Branch - all socket



To join branch pipe to same size vertical pipe at an angle 92½° and 135° as standard

| | | | | |
|-----|-----|-----|-----|------------------|
| 110 | 92½ | GBW | -/7 | 104.4.92 |
| 110 | 135 | GBW | -/6 | 104.4.135 |

Shoe



To terminate rainwater downpipe discharging over gully
Grooved to locate downpipe bracket.

| | | | | |
|-----|--|---|------|---------------|
| 110 | | B | 5/30 | 2110.4 |
|-----|--|---|------|---------------|

Rainwater hopper head



To collect surface water at roof level where gutters are not possible – example: adjacent to roof valley

| | | | | |
|-----|--|-----|------|---------------|
| 110 | | BWG | 5/20 | 2111.4 |
|-----|--|-----|------|---------------|

One piece downpipe bracket



To support pipe and fittings – stand-off distance (to back of pipe): 35mm

| | | | | |
|-----|--|-----|-------|--------------|
| 110 | | GBW | 10/80 | 143.4 |
|-----|--|-----|-------|--------------|

Adjustable downpipe bracket



To support pipe and fittings
Allows up to 28mm stand-off adjustment
Minimum stand-off distance 26mm

| | | | | |
|-----|--|----|------|--------------|
| 110 | | BW | 1/30 | 144.4 |
|-----|--|----|------|--------------|

Downpipe



| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Access bend - double socket



To allow pipe cleaning or inspection

| | | | | |
|-----|--|-----|------|-----------------|
| 110 | | GBW | 5/15 | 103.4.92 |
|-----|--|-----|------|-----------------|

Access branch



To allow pipe cleaning or inspection at junction of two pipes

| | | | | |
|-----|--|----|-----|-----------------|
| 110 | | GB | -/6 | 105.4.92 |
|-----|--|----|-----|-----------------|

Access pipe - double socket



To allow pipe cleaning or inspection

| | | | | |
|-----|--|-----|------|--------------|
| 110 | | GBW | -/10 | 138.4 |
|-----|--|-----|------|--------------|

Access pipe - spigot outlet



To allow pipe cleaning or inspection

| | | | | |
|-----|--|----|------|--------------|
| 110 | | GB | -/10 | 139.4 |
|-----|--|----|------|--------------|

Caulking bush



For connecting pipe to sockets made of other materials

| | | | | |
|-----|--|---|------|--------------|
| 110 | | G | 5/40 | 132.4 |
|-----|--|---|------|--------------|

Adaptors

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Adaptor to underground drain



For connecting 68mm downpipe to 82mm underground drain

| | | | | |
|-------|--|---|------|--------------|
| 68/82 | | B | 5/60 | 3DW25 |
|-------|--|---|------|--------------|





Adaptor to underground drain



For connecting 68mm downpipe to 110mm underground drain

| | | | | |
|--------|--|---|------|--------------|
| 68/110 | | B | 5/50 | 4DW25 |
|--------|--|---|------|--------------|

Roof/Balcony Outlet & Gutter Systems

| Adaptors | | | | | |
|--|--|-------|-----|----------|---------------|
| | Size mm | Angle | Col | Pack/Box | Code |
| Universal rainwater adaptor | | | | | |
|  | Connects 68mm or 62mm square downpipe to 110mm underground drain. Fits both pipe end and socket Not for connection to foul drainage | | | | |
| | 68/110 | | B | 10/50 | 4D76 |
| Adaptor to underground drain | | | | | |
|  | Connects 62mm or 75mm downpipe to 110mm underground drain | | | | |
| | 62/110 | | B | 5/50 | 4DW23 |
| | 75/100 | | B | 5/50 | 4DW33 |
| Adaptor to underground drain | | | | | |
|  | Connects 82mm downpipe to 110mm underground drain | | | | |
| | 82/110 | | B | 5/50 | 4DW3 |
| Screwed outlet adaptor | | | | | |
|  | Spigot outlet to be set into gutter base. Allows connection to 75mm square downpipe Use 75mm hole cutter | | | | |
| | 75 | | B | 10/70 | 2368.3 |

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|-----------|--------|------|
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Prices shown are for one item excluding VAT *Price per metre is for estimating purposes only
To order the part you require simply attach the colour reference to the end of the product code eg. Crescent Half Round Gutter in Black: 2150.4.40B.

Prices shown are for one item excluding VAT *Price per metre is for estimating purposes only

Colours: G - Grey B - Black W - White R - Rustic Brown

Terrain Underground Drainage



Introduction

Using the latest plastics manufacturing technology to satisfy the requirements of today's installers, the Terrain underground range offers both rigid and foam core pipe and a comprehensive range of fittings to suit all applications.

Terrain underground products represent the benchmark for quality, supported with outstanding service levels.

Our comprehensive range of underground drainage products are suitable for commercial, industrial, housing and public sector developments.

They are:

- Easy-to-lay
- Flexible, to accommodate normal ground movement
- Adaptable, to connect to existing drainage systems
- Unique products offer unrivalled installation options
- Suitable for commercial and domestic installations

Systems include:

Solid wall pipes and fittings

Available in 82, 110 and 160mm diameters. 110 and 160mm comply with BS EN 1401 (BS 4660).

Foamcore pipe

Manufactured using the latest tri-extrusion techniques to produce a three layer pipe that is 25% lighter than standard PVCu pipe. Available in 110 and 160mm diameters.

Marscar Bowl

- Unique design access chamber enabling up to 4 inlet connections from shallow drains
- Single outlet at centre of base of bowl enables connection to underlying drain run up to 10 metres deep without need for manholes
- Bowl shape and inlet angles create self-cleaning swirl action.



Underground Drainage

Pipe & fittings

| Size mm | Angle | Col | Pack/Box | Code |
|-------------------------|-------|-------|----------|--------------|
| Pipe plain ended | | | | |
| 82 (5.8m) | T | | 1/88 | 3DP58 |
| 110 (5.8m) | ♥ T | | 1/67 | 4DP58 |
| 160 (5.8m) | ♥ T | | 1/33 | 6DP58 |
| 82 | | 3DP58 | | |
| 110 | | 4DP58 | | |
| 160 | | 6DP58 | | |

| Size mm | Angle | Col | Pack/Box | Code |
|---------------------------|-------|-------|----------|--------------|
| Pipe single socket | | | | |
| 110 (3m) | ♥ T | | 1/67 | 4DP35 |
| 110 | | 4DP35 | | |

| Size mm | Angle | Col | Pack/Box | Code |
|----------------------------------|-------|--------|----------|---------------|
| Foamcore pipe plain ended | | | | |
| 110 (3m) | T | | 1/67 | 4EUP3 |
| 110 (5.8m) | T | | 1/67 | 4EUP58 |
| 160 (5.8m) | T | | 1/33 | 6EUP58 |
| 110 | | 4EUP3 | | |
| 110 | | 4EUP58 | | |
| 160 | | 6EUP58 | | |

| Size mm | Angle | Col | Pack/Box | Code |
|------------------------------------|-------|--------|----------|---------------|
| Foamcore pipe single socket | | | | |
| 110 (3m) | T | | 1/67 | 4EUP3S |
| 110 (6m) | T | | 1/67 | 4EUP6S |
| 110 | | 4EUP3S | | |
| 110 (6m) | | 4EUP6S | | |

| Size mm | Angle | Col | Pack/Box | Code |
|------------------------------|-------|-----|----------|--------------|
| Coupler double socket | | | | |
| With central stop | | | | |
| 82 | T | | 5/45 | 3D20D |
| 110 | ♥ T | | 5/45 | 4D20D |
| 160 | ♥ T | | 5/15 | 6D20D |

| Size mm | Angle | Col | Pack/Box | Code |
|--|-------|-----|----------|----------------|
| Slip coupler | | | | |
| For inserting new fittings into existing pipework (e.g. refurbishment or repair) No central stop. | | | | |
| 110 | ♥ T | | 5/45 | 4D20DSC |
| 160 | ♥ T | | 1/15 | 6D20DSC |

| Size mm | Angle | Col | Pack/Box | Code |
|------------------------|-------|-----|----------|-------------|
| Pipe end socket | | | | |
| 110 | ♥ T | | 5/40 | 4D69 |
| 160 | ♥ T | | 1/15 | 6D69 |

Pipe & fittings

| Size mm | Angle | Col | Pack/Box | Code |
|--|-------|-----|----------|--------------|
| Short radius bend double socket | | | | |
| To change pipe direction: 87½°, 45°, 30° and 15° as standard | | | | |
| 82 | 87½ | T | 1/30 | 3D23D |
| 82 | 45 | T | 5/35 | 3D25D |
| 110 | 87½ | ♥ T | 5/25 | 4D23D |
| 110 | 45 | ♥ T | 5/30 | 4D25D |
| 110 | 30 | ♥ T | 5/35 | 4D27D |
| 110 | 15 | ♥ T | 5/35 | 4D29D |
| 160 | 87½ | ♥ T | 1/4 | 6D23D |
| 160 | 45 | ♥ T | 5/10 | 6D25D |
| 160 | 30 | ♥ T | 1/10 | 6D27D |
| 160 | 15 | ♥ T | 1/12 | 6D29D |

| Size mm | Angle | Col | Pack/Box | Code |
|--|-------|-----|----------|-------------|
| Short radius bend single socket | | | | |
| To change pipe direction: 87½°, 45°, 30° and 15° as standard | | | | |
| 110 | 87½ | ♥ T | 5/25 | 4D23 |
| 110 | 45 | ♥ T | 5/35 | 4D25 |
| 110 | 30 | ♥ T | 5/40 | 4D27 |
| 110 | 15 | ♥ T | 5/40 | 4D29 |
| 160 | 87½ | ♥ T | 5/10 | 6D23 |
| 160 | 45 | ♥ T | 5/10 | 6D25 |
| 160 | 30 | ♥ T | 4/12 | 6D27 |
| 160 | 15 | ♥ T | 1/13 | 6D29 |

| Size mm | Angle | Col | Pack/Box | Code |
|---|-------|-----|----------|-------------|
| Rest bend single socket | | | | |
| To change 110mm pipe direction at base of soil stack: 87½° as standard Satisfies recommendations of BS 5772: 1994 | | | | |
| 110 | 87½ | T | 5/10 | 4D21 |

| Size mm | Angle | Col | Pack/Box | Code |
|---|-------|-----|----------|--------------|
| Rest bend double socket | | | | |
| To change 110mm pipe direction at base of soil stack: 87½° as standard Satisfies recommendations of BS 5772: 1994 | | | | |
| 110 | | T | 3/9 | 4D21D |

| Size mm | Angle | Col | Pack/Box | Code |
|--|-------|-----|----------|--------------|
| Variable bend single socket | | | | |
| To change 110mm pipe direction by 0–25° Any non-standard angle can be achieved if used in conjunction with a standard fitting | | | | |
| 110 | 0–25 | ♥ T | 5/25 | 4DV40 |

Terrain

Pipe & fittings

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Socket plug



To blank off any ring seal socket
With boss horn.

| | | | | |
|-----|---|---|------|-------------|
| 110 | ▽ | T | 6/54 | 4D68 |
| 160 | ▽ | T | 1/30 | 6D68 |

Temporary site cap



For temporary capping of system
Versions for external and internal use

| | | | | |
|-----|--|---|-----|-------------|
| 110 | | R | 250 | 4D65 |
|-----|--|---|-----|-------------|

Access cap



To allow full bore access to 82mm, 110mm or 160mm
pipework for inspection or rodding

| | | | | |
|-----|---|---|------|-------------|
| 110 | ▽ | T | 5/50 | 4D64 |
| 160 | ▽ | T | 1/15 | 6D64 |



| | | | | |
|-----|--|---|------|-------------|
| 110 | | T | 5/50 | 4D63 |
| 160 | | T | 1/15 | 6D63 |

Rodding eye



Material: Aluminium
Elliptical rodding eye with 110mm pipe size spigot
Access aperture size: 118x90mm

| | | | | |
|-----|--|------|------|-------------|
| 110 | | Self | 5/25 | 4DRE |
|-----|--|------|------|-------------|

Single equal junction



To join 82mm branch pipe to 82mm main pipe at an angle:
45° as standard

| | | | | |
|----|----|---|------|--------------|
| 82 | 45 | T | 1/20 | 3D33D |
|----|----|---|------|--------------|

Single equal junction - all equal sockets



To join 110mm or 160mm branch pipe to 110mm or
160mm main pipe at an angle:
(110mm) 87½° and 45° as standard
(160mm) 45° as standard

| | | | | | |
|-----|-----|---|---|------|--------------|
| 110 | 87½ | ▽ | T | 5/15 | 4D30D |
| 160 | 87½ | ▽ | T | 5 | 6D30D |
| 110 | 45 | ▽ | T | 4/12 | 4D33D |
| 160 | 45 | ▽ | T | 1/4 | 6D33D |

Equal sockets plus spigot outlet



To join 110mm or 160mm branch pipe to 110mm or
160mm main pipe at an angle:
(110mm) 87½° and 45° as standard
(160mm) 45° as standard

| | | | | | |
|-----|-----|---|---|------|-------------|
| 110 | 87½ | ▽ | T | 5/15 | 4D30 |
| 110 | 45 | ▽ | T | 5/15 | 4D33 |
| 160 | 45 | ▽ | T | 1/4 | 6D33 |

Single unequal junction - all socket



To join 110mm branch pipe to 160mm main pipe at an
angle: 45° and 87½° as standard

| | | | | | |
|---------|----|---|---|-----|---------------|
| 160/110 | 45 | ▽ | T | 2/6 | 64D33D |
|---------|----|---|---|-----|---------------|

Pipe & fittings

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Spigot outlet



To join 110mm branch pipe to 160mm main pipe at an
angle: 45° as standard

| | | | | | |
|---------|----|---|---|-----|--------------|
| 160/110 | 45 | ▽ | T | 1/7 | 64D33 |
|---------|----|---|---|-----|--------------|

Gullies & hoppers

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Gully trap



Material: Polypropylene
To obtain 'P' trap, add 45° bend

| | | | | |
|-----|--|---|------|--------------|
| 110 | | T | 4/12 | 4DG90 |
|-----|--|---|------|--------------|

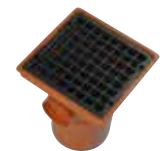
'P' trap



Material: PVCu
To obtain 'Q' or 'S' trap, add 45° or 87½° bend

| | | | | |
|-----|--|---|-----|--------------|
| 110 | | T | 4/8 | 4DG91 |
|-----|--|---|-----|--------------|

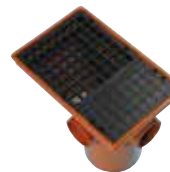
Square hopper head



Material: PVCu and Polypropylene
Spigot outlet may be cut off to reveal socket which can
accept solvent-welded pipe as extended spigot
Terracotta body with Black grid. 1 boss horn.

| | | | | |
|-----|--|---|------|--------------|
| 110 | | T | 5/15 | 4DG92 |
|-----|--|---|------|--------------|

Rectangular hopper head



Material: PVCu and Polypropylene
Back inlet plate incorporates two easily removable discs to
create apertures for insertion of 40mm waste pipes
Terracotta body with Black grid. 3 boss horns.

| | | | | |
|-----|--|---|------|--------------|
| 110 | | T | 4/12 | 4DG93 |
|-----|--|---|------|--------------|

Circular gully



Material: PVCu
Incorporates plugged horizontal pipe entries: 2x110mm
spigots, 1x110mm ring seal socket and 1x68mm rainwater
pipe socket

Spigot outlet may be cut off to reveal socket which can
accept solvent-welded pipe as extended spigot

| | | | | |
|-----|--|---|-----|--------------|
| 110 | | T | 2/4 | 4DG80 |
|-----|--|---|-----|--------------|

Extension piece



To extend upper aperture of 4DG80 Circular Gully to
surface level or to lower horizontal pipe entries beneath
surface level. Requires mastic sealant for forming airtight/
watertight seal

| | | | | |
|-----|--|---|------|--------------|
| 213 | | T | 1/10 | 4DG81 |
|-----|--|---|------|--------------|

Underground Drainage

Gullies & hoppers

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Bottle gully with round cover



Material: PVCu and Polypropylene. Removable dip tube provides 50mm deep trap. Incorporates 110mm back inlet connection. Terracotta body with Black cover

| | | | | |
|-----|--|---|---|--------------|
| 110 | | T | 4 | 4DG97 |
|-----|--|---|---|--------------|

Bottle gully with square cover



Material: PVCu and Polypropylene
Removable dip tube provides 50mm deep trap
Incorporates 2 x waste back inlet connections.
Can also accept up to 6 different pipes either direct or via adaptors. Terracotta body with Black cover

| | | | | |
|-----|--|---|---|--------------|
| 110 | | T | 4 | 4DG89 |
|-----|--|---|---|--------------|

Sealed cover



To cap 4DG80 Circular Gully or 4DG81 Extension Piece
With screws and seal.

| | | | | |
|-----|--|---|------|--------------|
| 211 | | B | 1/30 | 4DG82 |
|-----|--|---|------|--------------|

Circular grating



To provide an open grating for surface water drainage for 4DG80 Circular Gully or 4DG81 Extension Piece
Also: spare grating for 4DG97 Bottle Gully

| | | | | |
|-----|--|---|------|--------------|
| 211 | | B | 1/30 | 4DG83 |
|-----|--|---|------|--------------|

Raising piece



To extend upper aperture of 4DG97 Bottle Gully to surface level or to lower horizontal pipe entries beneath surface level

| | | | | |
|-----|--|---|---|--------------|
| 200 | | T | 3 | 4DG96 |
|-----|--|---|---|--------------|

Square hopper head grid



Material: Polypropylene
Spare grid for 4DG92 Hopper Head

| | | | | |
|-----|--|---|-------|---------------|
| 155 | | B | 1/100 | 4DG92G |
|-----|--|---|-------|---------------|

Material: Polypropylene
Spare grid for 4DG89 Hopper Head

| | | | | |
|-----|--|---|-------|---------------|
| 232 | | B | 1/100 | 4DG89G |
|-----|--|---|-------|---------------|

Square sealed cover



Material: Polypropylene. Converts 4DG92 Square Hopper Head from open grid to sealed cover.
With screws and seal.

| | | | | |
|-----|--|---|-------|----------------|
| 155 | | B | 1/100 | 4DG92GS |
|-----|--|---|-------|----------------|

Inspection chambers

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Shallow inspection chamber



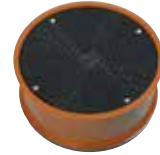
To allow inspection of drainage system
Supplied with 2 plugs for unused entries
200mm socket has angular tolerance of $\pm 7^\circ$ allowing up to 14° adjustment to accommodate pipe variation and ground fall.

Access aperture size: 162x100mm

| | | | | |
|-----|--|---|---|---------------|
| 110 | | T | 2 | 4DI600 |
|-----|--|---|---|---------------|

Sealed cover and frame

To cap 4DI600 Shallow Inspection Chamber



Ring seal joint to shaft

| | | | | |
|-----|--|---|------|---------------|
| 110 | | B | 4/12 | 4DIFC1 |
|-----|--|---|------|---------------|

Inspection chamber base - 470mm diameter

Material: Polypropylene
To allow inspection of drainage system



Incorporating 110mm main channel and 4 x 110mm branch inlets

Supplied with 4 x blanking plugs

| | | | | |
|-----|--|---|---|----------------|
| 110 | | T | 1 | 4DI240B |
|-----|--|---|---|----------------|

Raising piece

Material: Polypropylene



To extend height of Marscar Access Bowl or Inspection Chamber Base (4DI240B) to surface level

| | | | | |
|-----|--|---|---|----------------|
| 470 | | T | 1 | 4DI235R |
|-----|--|---|---|----------------|

Unequal inspection chamber base - 475 diameter

Material: Polypropylene supplied with 4 x blanking plugs



To allow inspection of drainage system, incorporating 160mm main channel, 2 x 160mm and 2 x 110mm branch inlets

| | | | | |
|---------|--|---|---|-----------------|
| 160/110 | | T | 1 | 64DI240B |
|---------|--|---|---|-----------------|

Seal ring



| | | | | |
|--|--|---|---|----------------|
| | | B | 1 | 6DI235S |
|--|--|---|---|----------------|

Inspection chambers

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Cover and frame



Material: Polypropylene cover and frame
BS EN 124: 1994 – Group 1, Class A15 (formerly BS497: 1976 Class C+). For domestic drive-ways accessible to vehicles up to one tonne maximum wheel load

| | | | | |
|-----|--|---|---|---------------|
| 579 | | B | 1 | 4DIFC4 |
|-----|--|---|---|---------------|

Marscar access bowl



Material: UPVC
Unique design access chamber enabling up to 4 inlet connections from shallow drains
Single outlet at centre of base of bowl enables connection to underlying drain run up to 10 metres deep without need for manholes. Bowl shape and inlet angles create self-cleaning swirl action. Requires 4DM1.

| | | | | |
|-----|--|---|-----|-------------|
| 110 | | T | 1/2 | 4DMB |
|-----|--|---|-----|-------------|

Inlet connector for Marscar access bowl



Material: Polypropylene
Pre-cut inlet hole for connection of 110mm pipe
2-part component: connector with seal and locking cap

| | | | | |
|-----|--|---|------|-------------|
| 110 | | T | 5/20 | 4DM1 |
|-----|--|---|------|-------------|

Reducers & adaptors

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

Level invert taper



Material: PVCu
Larger end spigot and smaller end socket

| | | | | |
|---------|---|---|------|-------------|
| 110/82 | ▽ | T | 2/24 | 43DT |
| 160/110 | ▽ | T | 4/24 | 64DT |

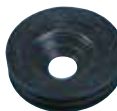
Universal rainwater adaptor



For connecting round and square PVCu rainwater downpipe (up to 68mm) to underground drainpipe

| | | | | |
|-----|--|---|-------|-------------|
| 110 | | T | 10/50 | 4D76 |
|-----|--|---|-------|-------------|

Universal waste adaptor



Material: EPDM.
For connecting 32mm, 40mm or 50mm waste pipe to 110mm underground drain pipe

| | | | | |
|-----|--|---|------|---------------|
| 110 | | B | 5/60 | 4DW200 |
|-----|--|---|------|---------------|

Adaptor to above ground drain



Material: Flex PVC. For connecting 68mm downpipes and 82mm underground drain. For round downpipe

| | | | | |
|--------|--|---|------|--------------|
| 82/68 | | B | 5/6 | 3DW25 |
| 110/68 | | B | 5/50 | 4DW25 |
| 110/82 | | B | 5/50 | 4DW3 |



Material: Flex PVC. For connecting 62mm square downpipes to underground drainage system
For square downpipe

| | | | | |
|--------|--|---|------|--------------|
| 110/62 | | B | 5/50 | 4DW23 |
| 110/75 | | B | 5/50 | 4DW33 |

Reducers & adaptors

| Size mm | Angle | Col | Pack/Box | Code |
|---------|-------|-----|----------|------|
|---------|-------|-----|----------|------|

PVCu underground drain pipe to clay



Material: PVCu. Socket for PVCu drain pipe and ribbed socket for other material. Cold caulked.

| | | | | |
|-----|--|---|------|-------------|
| 110 | | T | 1/36 | 4D73 |
|-----|--|---|------|-------------|

Lubricant

Please refer to page 23

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| 3D23D | T | 57 |
| 3D25D | T | 57 |
| 3D33D | T | 58 |
| 3DP58 | | 57 |
| 4D20D | T | 57 |
| 4D20DSC | T | 57 |
| 4D21 | T | 57 |
| 4D21D | T | 57 |
| 4D23 | T | 57 |
| 4D23D | T | 57 |
| 4D25 | T | 57 |
| 4D25D | T | 57 |
| 4D27 | T | 57 |
| 4D27D | T | 57 |
| 4D29 | T | 57 |
| 4D29D | T | 57 |
| 4D30 | T | 58 |
| 4D30D | T | 58 |
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| 4D69 | T | 57 |
| 4DP35 | T | 57 |
| 4DP58 | T | 57 |
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| 4DV40 | T | 57 |
| 4EUP3 | T | 57 |
| 4EUP35 | T | 57 |
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| 6D23D | T | 57 |
| 6D25 | T | 57 |
| 6D25D | T | 57 |
| 6D27 | T | 57 |
| 6D27D | T | 57 |
| 6D29 | T | 57 |
| 6D29D | T | 57 |
| 6D30D | T | 58 |
| 6D33 | T | 58 |
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| 6D63 | T | 58 |
| 6D64 | T | 58 |

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| Code | Pack Qty | Page |
|------|----------|------|
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| 6D69 | T | 57 |
| 6DP58 | T | 57 |
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Inspection Chambers

| | | |
|--------|---|----|
| 3DW25 | B | 60 |
| 43DT | T | 60 |
| 4D73 | T | 60 |
| 4D76 | T | 60 |
| 4DW200 | B | 60 |
| 4DW23 | B | 60 |
| 4DW25 | B | 60 |
| 4DW3 | B | 60 |
| 4DW33 | B | 60 |
| 64DT | T | 60 |



Flexicon Couplings

Flexicon couplings are available as straight connections or adaptors for a wide range of pipe materials and sizes.

These robust EDPM flexible rubber couplings have been manufactured to BS EN 681-1 and are ideal for jointing pipes for sewerage, drainage and other low pressure applications.

Flexicon couplings can be manufactured from other types of rubber to suit customer requirements.

Flexicon Adaptors

| Range A/Bmm | Min Length | Pack/ Qty | Driver A/B mm | Code |
|-------------|------------|-----------|---------------|------|
|-------------|------------|-----------|---------------|------|

Flexicon Universal Adaptors (XAC)



| | | | | |
|-----------------|-----|---|-----|----------------|
| 120-135/100-115 | 100 | 1 | 7/7 | XAC400T |
|-----------------|-----|---|-----|----------------|

Flexicon Drainage Adaptors (XAC)



| | | | | |
|-----------------|-----|---|-----|--------------------|
| 100-115/75-85 | 100 | 1 | 7/7 | XAC85/115T |
| 100-115/85-95 | 100 | 1 | 7/7 | XAC95/115T |
| 130-145/110-125 | 120 | 1 | 7/7 | XAC125/145T |
| 150-165/100-115 | 120 | 1 | 7/7 | XAC115/165T |
| 160-175/110-125 | 120 | 1 | 7/7 | XAC125/175T |

Flexicon Plumbing Adaptors (XPA)



| | | | | |
|-------------|-----|---|-----|------------------|
| 50-65/30-45 | 80 | 1 | 7/7 | XPA45/65T |
| 80-95/45-50 | 100 | 1 | 7/7 | XPA50/95T |

Flexicon Couplings

| Range A/Bmm | Min Length | Pack/ Qty | Driver A/B mm | Code |
|-------------|------------|-----------|---------------|------|
|-------------|------------|-----------|---------------|------|

Flexicon Drain Couplings (XDR)



| | | | | |
|---------|-----|---|---|----------------|
| 50-65 | 95 | 1 | 7 | XDR65T |
| 80-95 | 110 | 1 | 7 | XDR95T |
| 100-115 | 110 | 1 | 7 | XDR115T |
| 110-125 | 120 | 1 | 7 | XDR125T |
| 150-165 | 120 | 1 | 7 | XDR165T |
| 150-175 | 120 | 1 | 7 | XDR175T |
| 175-200 | 150 | 1 | 8 | XDR200T |

Flexicon Shear Band Standard Couplings (XSB)



| | | | | |
|---------|-----|---|---|----------------|
| 100-115 | 120 | 1 | 8 | XSB115T |
| 110-125 | 120 | 1 | 8 | XSB125T |

Flexicon End Caps

| Range A/Bmm | Min Length | Pack/ Qty | Driver A/B mm | Code |
|-------------|------------|-----------|---------------|------|
|-------------|------------|-----------|---------------|------|

Flexicon End Caps (XST)



| | | | | |
|-------|-----|---|---|---------------|
| 50-65 | 80 | 1 | 7 | XST65T |
| 80-95 | 100 | 1 | 7 | XST95T |

Terrain Standards and Certification

Quality Assurance

Terrain is accredited to the following Quality Management Systems:
BS EN ISO 9001:2000
BS EN ISO 14001:2004
OHSAS 18001
PASS 99



Certifications

Terrain Fuze is covered by
British Board of Agrément certificate 07/4479



Standards Compliance

Soil and Waste

Terrain systems comply with the appropriate British and European Standard and, where applicable, bear the Kitemark:

BS EN 4514:2001 and BS EN 1329-1:2000 PVCu Soil Systems, 82, 110 and 160mm soil pipes and fittings

BS EN 1566:2000 PVCu waste systems 32, 40 and 50mm waste pipes. BS EN 1329-1 PVCu fittings BS 6209.

Solvent Cement: 125, 250 and 500ml tins.

BS EN 12380 Air Admittance Valve.

Terrain systems also comply with many of the requirements of DIN and ISO.

Underground

Terrain underground complies with the appropriate British Standard/European Norm and, where applicable, is Kitemarked to BS EN 1401:1998.

The Inspection Chamber Base (4DI240B) and Raising Piece (4DI235R) meet the requirements of BS 7158:2001 for Plastic Inspection Chambers for drains. Terrain underground complies with the appropriate British Standard/European Norm and, where applicable, is Kitemarked to BS EN 1401:1998.

The Inspection Chamber Base (4DI240B) and Raising Piece (4DI235R) meet the requirements of BS 7158:2001 for Plastic Inspection Chambers for drains.

Rainwater

- EN 607 Eaves Gutters and Fittings made from PVCu.
- EN 1462 Brackets for Eaves Gutters.
- EN 12200 Plastic rainwater piping for above ground external use – PVCu.

Flexible Couplers

Flexible Rubber Couplers and Adaptors to EN 295-1, Shear Band Couplings to WIS4-41-01. EN681-1 EPDM Rubber.

Siphonics

Terrain HydroMax™ Siphonics complies with BS EN 12056-3:2000 and designs in accordance with BS 8490:2007.

Pre-fabrication

Our pre-fabrication capability enables us to make bespoke fittings to overcome specific site issues and also allows off site manufacture of repetitive components which has many benefits, including the ability to manufacture the products precisely and assemble them in ideal conditions, allowing for faster and more accurate installation on site, also the fittings can be modified if required when manufacturing the assembly to solve problems with difficult installs.

If you have a specific requirement or wish to discuss a project that may be suitable for pre-fabrication, please contact our technical department.

Availability

For details of local stockists, please contact Sales Support on 01622 795200.

Further information and assistance

Terrain products are backed by a comprehensive technical advisory service, available to provide advice and design guidance on all aspects of above and below ground drainage.

Technical services include:

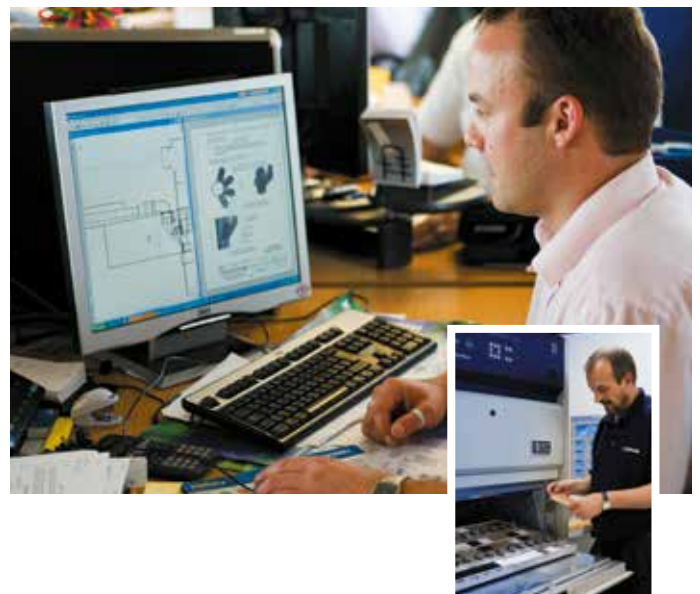
- On site advice and problem solving.
- Prefabrication and fabrication design service.

For prompt assistance, please contact the Terrain Technical Services Department:

Tel: 01622 795200

Fax: 01622 716796

www.polypipe.com/terrain
commercial@polypipe.com



Terrain

The wide range of high quality, market leading products from Polypipe Terrain are backed up with unrivalled technical support and literature to meet every need.



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