


Underground Drainage

SYSTEM 110MM


PIPE – PLAIN ENDED

Code	Size	
D043	3m	
D046	6m	

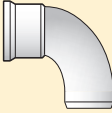

PIPE – SINGLE SOCKET

Code	Size	
D143	3m	
D146	6m	

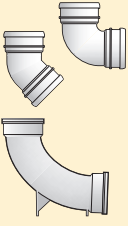
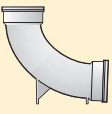
PIPE COUPLINGS

Code		
D124	Single Socket	
D105	Double Socket	


SOCKET BENDS – SINGLE

Code		
D161	87.5° Bend (Socket/Spigot)	
D163	45° Bend (Socket/Spigot)	
D164	30° Bend (Socket/Spigot)	
D167	15° Bend (Socket/Spigot)	

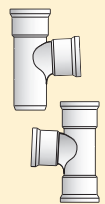
SOCKET BENDS – DOUBLE

Code		
D561	87.5° Bend	
D563	45° Bend	
D564	30° Bend	
D567	15° Bend	
D571	87.5° Rest Bend	
D560	0-90° Adjustable Bend	




LONG RADIUS BENDS

Code		
D281	87.5° Plain End	
D283	45° Plain End	
D581	87.5° PE with Channel Access	
D583	45° PE with Channel Access	

EQUAL JUNCTIONS

Code		
D190	87.5° Junction (Double socket)	
D210	45° Junction (Double socket)	
D191	87.5° Junction (Triple socket)	
D211	45° Junction (Triple socket)	


ACCESS FITTINGS

Code		
D169	87.5° Access Bend (Socket/Spigot)	
D274	Access Pipe (Socket/Spigot)	
D292	Screwed Access Cap	
D870	Channel Access Pipe PE 1.5m	
D880	Aluminium Oval Rodding Point	
D885	Superdrain Sq. Rodding Point (Airtight & socketed)	


ANCILLARIES

Code	
SG800	Tub Silicone Gel – Water Council Approved KIWA KM 51564 BS6209
SG100	100gm Silicone Grease
SL400	400ml Silicone Lubricant Spray
SC125	125ml Solvent Cement
SC250	250ml Solvent Cement


SOCKET PLUG

Code		
D296		

DRAIN CONNECTOR





Code		
SP107	Grey/Black	

FLEXIBLE COUPLING AND ADAPTOR





Size		
98-115mm	Flexi-Coupling	
120-136mm	Flexi-Adaptor	

Underground Drainage






UNIVERSAL GULLY TRAP

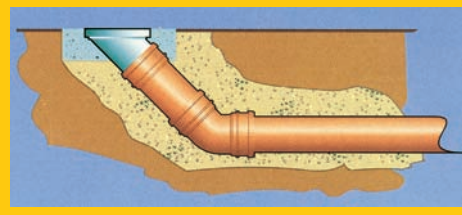
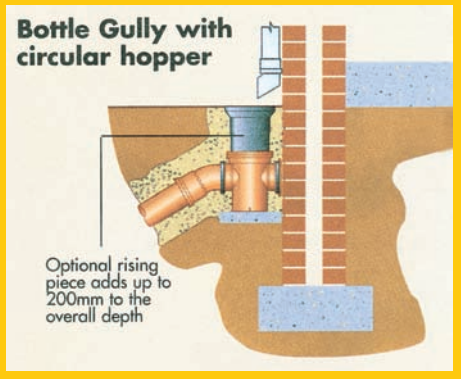
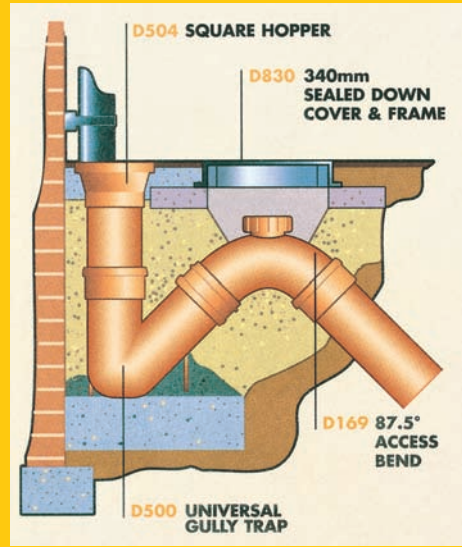
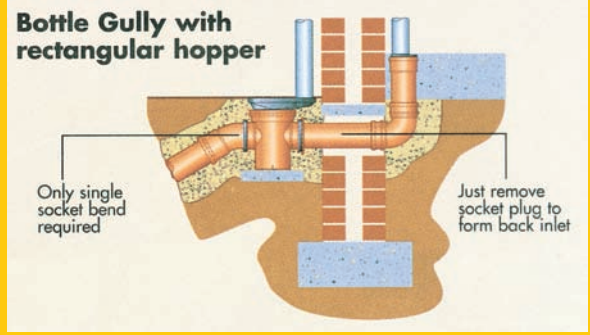
Code		
D500	Universal Gully Trap (Socket/Spigot 45°)	
D502	Spare Square Grid (Polypropylene)	
D504	Square Hopper inc' Polypropylene Grid	
D506	Rectangular Hopper inc' Polypropylene Grid	

BOTTLE GULLY TRAPS

Code		
D510	Bottle Gully inc' Polypropylene Grid	
D530	Back Inlet Bottle Gully Rectangular Grid	
D540	Back Inlet Bottle Gully Circular Grid	
D505	Riser	

ADAPTORS

Code		
SP95	110x50mm Waste Adaptor (Grey/Black)	
SP96	110x68mm Rainwater Adaptor (Grey/Black)	
D95	Universal Waste Adaptor 32/40/50mm	
D96	Universal Rainwater Adaptor (Square/Round)	
D99	160x110mm Level Invert (Socket/Spigot)	
D100	Supersleeve Clay Adaptor DS (Black)	
D101	Hepsleeve Clay Adaptor DS (Black)	



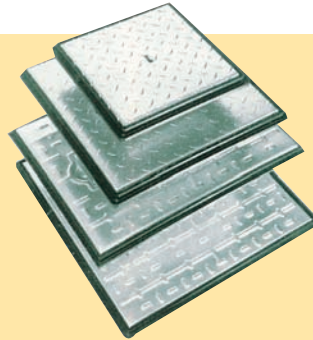
Manhole Covers

PRESSED STEEL COVER LIGHT DUTY PC6CG

MPS10T6045
600 X 600mm – 10 tonne

PRESSED STEEL COVER LIGHT DUTY PC7CG

MPS10T6060
600 X 600mm – 10 tonne



RECESSED COVER BLOCK PAV SQUARE TO ROUND C/W KEYS

MRB10T450
450 X 450mm – 10 tonne

RECESSED COVER BLOCK PAVIOUR C/W LIFTING KEYS

MRB5T6045
600 X 450mm – 10 tonne

RECESSED COVER BLOCK PAVIOUR

MRB5T6060
600 X 600mm – 10 tonne

RECESSED COVER LOCK & SEAL (FOR SCREED) C/W KEYS

MRL5T6045
600 X 450mm – 5 tonne

RECESSED COVER LOCK & SEAL (FOR SCREED)

MRL5T6060
600 X 600mm – 5 tonne

CLASS B125

Single seal manhole covers and frames capable of bearing test load of 12.5 tonnes, for use in areas vehicles would only have occasional access (eg. Pedestrian precincts, car parks etc).

Clear opening(mm)	Depth of frame(mm)	BS EN 124
600 x 450	75	B125
600 x 600	75	B125

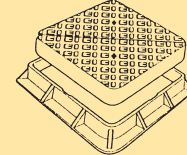
Circular single seal 450mm dia grey iron cover and frame.

Clear opening(mm)	Depth of frame(mm)	BS EN 124
450 dia	75	B125

CLASS A15

Single seal manhole covers and frames for use in situations inaccessible to motor vehicles (eg. Pedestrian loadings only).

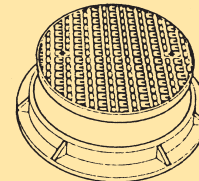
Single seal, iron cover and frame.



Clear opening(mm)	Depth of frame(mm)	BS EN 124
600 x 450	43	A15
600 x 600	43	A15
750 x 450	43	A15
600 x 600	43	A15

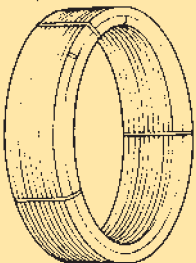
P.P.I.C.

Single seal, circular, grey iron cover and plastic frame. Suitable for 450mm dia inspection chamber (pedestrian loadings only)

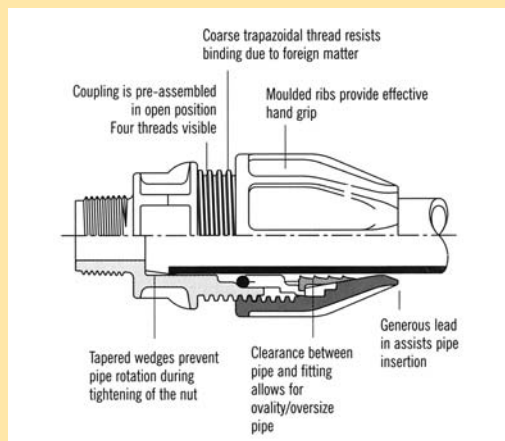


Clear opening(mm)	Depth of frame(mm)	BS EN 124
450 diameter	40	A15

MDPE/WATER SERVICE



COMPRESSION FITTINGS



DRAINAGE CHANNEL



Soil and Waste Systems

110MM RING SEAL SOIL SYSTEM BS EN 1329-1:2000

FIRE COLLAR APPLICATION

Used to seal PVC-U pipes as they pass through cavity walls and floors. In a fire the intumescent lining reacts to extreme heat and will expand and block a potential fire path.

SP440 OFFSET BEND

FC100 FIRE PROTECTION COLLAR

SP230 92.5° DOUBLE BRANCH

SP101 STRAIGHT WC CONNECTOR

SP319 STRAP ON BOSS

SP82 PIPE CLIP

SP302 VENT TERMINAL

SP300 WEATHERING COLLAR

SP320 WEATHERING SLATE

AV110 AIR ADMITTANCE VALVE

The FloPlast Air Admittance Valve is designed to allow the free entry of air into the sanitary pipework system without the escape of foul gases into the building.

Sizes: 32mm to 110mm.

SP435 OFFSET BEND

SP83 SOCKET CLIP

AV40 AIR ADMITTANCE VALVE

SP581 BOSS PIPE SOCKET/SPIGOT

SP274 ACCESS PIPE SOCKET/SPIGOT

FIXING GUIDE

Install and test system in accordance with BS EN 610:98.

Commence the stack from the base and work up. Mark the position of brackets and drill and fix screws before erecting the stack.

Fix pipe or socket brackets at maximum 2m centres vertical and at maximum 1m centres horizontal.

An allowance for expansion should be made by withdrawing all pipe and fitting spigots from sockets by 10mm. Soil fittings with spigot ends can be inserted into the socket to depth marks engraved on the spigot to ensure correct allowance is made for expansion. Expansion joints should be incorporated every 4m.

The use of silicone lubricant on all seals will facilitate jointing.

The system should incorporate suitable access points to enable testing and maintenance of the system.

PIPEWORK SUPPORT (BS EN 12056:2000)

Maximum distances for support

	Vertical	Horizontal
32mm	1.2m	0.5m
40mm	1.2m	0.5m
50mm	1.2m	0.6m
110mm	2m	1m

WORKING TEMPERATURES

Soil and Waste systems may be used to carry liquids when subjected to a continuous flow, with a maximum temperature of 76°C.

Intermittent discharges of up to 100°C may occur, provided that a duration of less than two minutes is observed.

The above drawings are for illustrative purposes only.