FloPlast building the future

Soil & Waste Systems



PVC-UE Roofline, Window & Cladding Systems

Rainwater Systems Soil & Waste Systems Underground Drainage Systems MDPE Systems Hot & Cold Plumbing Systems



HIGH QUALITY SOIL AND WASTE SYSTEMS



FIOPlast founded in 1991, has established itself as a manufacturer of high quality plastic building and plumbing systems for the construction industry, in particular domestic and commercial new build and refurbishment projects.

FloPlast offer an extensive choice of systems and products, in a range of sizes and colours, to suit all tastes and applications.

The **FloPlast** reputation for technical excellence, quality and competitively priced products have established the company as a leading supplier of Above Ground Plumbing Systems.

The **FloPlast** ABS Solvent Weld, Ring Seal and Solvent Soil Systems have been rigorously tested by The British Standards Institute and have been awarded their prestigious Kitemark:

For CE DOP's (Declaration of Performance), please refer to our website at www.floplast.co.uk.



Standards/Quality Control

FloPlast consider that an integral part of our business undertaking is to minimise any potentially harmful effects on the environment that our activities may cause. FloPlast aim to take into account sustainability in our product design, applications and commitment to the protection of the environment and prevention of pollution, in all we do.

FloPlast operations embrace quality, environment and energy management systems which have been accredited by BSI to BS EN ISO 9001:2008 Certificate No. FM 501414, BS EN ISO 14001:2004 Certificate No. EMS 538445, BS EN ISO 18001:2007 Certificate No. OHS 593622 501414 and ISO 50001:2011 Certificate No. ENMS 638370.



All products are subject to continuous quality control procedures and products manufactured to British Standard Specifications are marked accordingly.

Soil & Waste Systems

- 110mm Ring Seal Soil System PVC-U BS EN 1329-1:2000/BS 4514:2001.
- 110mm Solvent Weld Soil System PVC-U BS EN 1329-1:2000/BS 4514:2001.
- 110mm Access Fittings BS 4514:2001.
- Air Admittance Valves BS EN 12380:2002.
- W.C Pan Connectors Polypropylene (PP) BS EN 1329-1:2000 BS 5627:1984.
- Push-Fit Waste System Polypropylene (PP) BS EN 1451-1:2000/BS 5254:1976.
- ABS Solvent Weld Waste System BS EN 1455-1:2000/ BS 5255:1989.
- "Chrome" Style/White Unicom Universal Compression Waste System BS 5254:1976/BS EN 1451-1:2000.
- "Chrome" Style/White Waste Traps BS EN 274:2002.
- 21.5mm Overflow Waste System.

Further guidance should also be sought by reference to:

- BS EN 12056:2000 Gravity Drainage Systems inside Buildings
- BS 8000 -13:1989 Workmanship on building sites. Code of practice for above ground drainage and sanitary appliances.

The Building Regulations 2000

- Approved Document H Drainage and Waste Disposal:2002
- Approved Document B Fire Safety:2000.

System Features

- Comprehensive, integrated and modern range of products and systems for all soil and waste applications.
- Components have a consistent high gloss finish and colour and are essentially maintenance free.

- Tough and durable, yet lightweight for ease of installation.
- Compatible with most other existing materials and systems manufactured to British/European Standards.
- Manufactured to British/European Standards specification where applicable.
- Colour matching between systems facilitates colour co - ordination where sanitary pipework is located externally.

Working Temperature

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.

Pipework support (BS EN 12056:2000 Maximum distances for support)						
Vertical Horizonta						
32mm	1.2m	0.5m				
40mm	1.2m	0.5m				
50mm	1.2m	0.6m				
110mm	2m	1m				

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FloPlast

AIR ADMITTANCE VALVES BS EN 12380:2002

Certification and Standards

- Product is A1 approved in accordance with BS EN 12380 it can be installed below the flood level of connected appliances.
- Tested and approved for use in installations varying between -20° & +60°c (no insulation required).
- CE marked to level 4 attestation of conformity in accordance with BS EN 12380
- FloPlast air admittance valves are kitemark licenced in accordance with BS EN 12380:2002 licence number KM 512474.

General Information

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

When installed into sanitary pipework systems conforming to BS EN 12056:2000, the FloPlast Air Admittance Valve not only prevents the loss of water from trap seals due to induced siphonage, but also has the added advantage of providing an early warning indicator to a potential drainage blockage. The AF110 Push-fit Air Admittance Valve may also be used as a secondary rodding point to remove such blockages.

All valves should be stored/installed in an upright position.

The AF32 Air Admittance Valve has a universal adaptor to fit to 32mm/40mm/50mm solvent waste pipe. It is produced from white ABS/PVC, and is designed for use with waste pipe conforming to British/European standards connected to a solvent cemented pipe adaptor supplied with the product.

Approved Document H of the Building Regulations only permits Air Admittance Valves that conform to BS EN 12380:2002.

Ventilation and access must be provided to all air admittance valve installations.







Document H Clause 1.31 states that "Ventilating pipes open to outside air should finish at least 900mm above any opening into the building within 3 metres". This new development by FloPlast, of an External Air Admittance Valve, will allow the installation of an external soil pipe within 3 metres of any opening and terminate at the same height as if it were installed internally, ie. 200mm (minimum) above the highest wet entry point to the soil vent pipe. See diagram below.









AVJZ	Arj2	
Product	Size	Code
Air Admittance Valve Compressio	'n	
	32mm 40mm 50mm	AV32 AV40 AV50
(White only) This product is not CE marked under	the Construction Products Regul	ations 2011
Air Admittance Valve Solvent		
e	32mm 40mm 50mm	AF32

(White only) Universal adaptor to fit 32mm/40mm/50mm Solvent Waste Pipe

Advantages and Benefits

- Saves the need to penetrate the outer roof shell, giving more aesthetic roof lines.
- Saves on the cost of pipes and expensive fittings.
- Saves on roof flashing.

Cover seal BS EN 681-1:1996

Valve Open (Negative pressure in pipework)

Negative pressure

CLOSED



Air Admittance Valve Push-Fit

e ce	110mm	AF110
For 82mm solvent connection, remove seal from 110mm nush-fit		

- Saves on labour costs.
- Prevents the loss of water from trap seals and consequent release of foul air into the building.
- Secondary rodding point.

Typical Domestic Discharge System

Maximum 5 floors Maximum 2 groups of appliances per floor



AF32

Air Admittance

FloPlast

110MM RING SEAL SOIL SYSTEM BS EN 1329 - 1:2000/BS 4514:2001

Fixing Guide

Install and test system in accordance with BS EN 1610:1998.

- Commence the stack from the base and work up. Mark the position of the brackets and drill and fix screws before erecting.
- Fix pipe or socket brackets at maximum 2m centres vertical and at maximum 1m centres horizontal.
- An allowance for expansion should be made by with drawing all pipe and fitting spigots 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.

BOSS ADAPTORS					
Solvent Weld Connection to ABS		32mm	40mm	50mm	
	ABS	SP20	SP21	SP22	
Straight Push-fit Connection to Push-fit Waste or Solvent We	d Waste	SP10	SP11	SP12	

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 which expands and blocks a potential fire path.



Scan with your smart phone to watch our Soil installation video





bsi. PVC-U Piping Systems for Soil and Waste BS EN 1329-1 KITEMARK⁻

110MM RING PIPE AND FITTINGS BS EN 1329 - 1:2000, BS 4514 2001



Product		Code
Pipe		
	Plain ended 3m Plain ended 4m	SP1 SP2*
**	Single Ended 3m Single Ended 4m	SP3 SP4
Bend		
9	92½° (87½°) (Socket/Spigot)	SP161
9	92½° (87½°) (Double Spigot)	SP561
•	112½° (67½°) (Double Spigot)	SP162
1	135° (45°) (Socket/Spigot)	SP163
1	135° (45°) (Double Spigot)	SP563
4	135° (45°) Offset Bend-Top	SP440
	135° (45°) Offset Bend-Bottom	SP435
9	92½° (87½°) Access Bend	SP169
Adjustable Bend	0-90°	
P	(PP - Do not solvent weld)	SP560
Branch		
4	92½° (87½°)	SP190
4	11 2 ½° (67½°)	SP200
4	135° (45½°)	SP210
de la companya de la comp	92½° (87½°) Double Branch	SP230
% ۹	2½° Corner Branch Special Order only	SP232
4	92½° (87½°) Access Branch	SP502



(*Not available in White) White Black

Product		Code
Pipe/Socket	Clip	
R	Pipe Clip Socket Clip	SP82 SP83*
Socket Pipe	Coupling	
	Double	SP105
۹)	Single	SP124
Screwed Acc	cess Cap	
8		SP292
Socket Plug		
		SP296
Access Pipe		
-	Socket/Spigot	SP274
4	Socket/Solvent Socket	SP275*
Boss Pipe		
4	Socket/Spigot	SP581
4	Socket/Solvent Socket	SP582*
	Short	SP583
Strap Boss		
\mathbf{r}		SP319
Soil Manifol	d 32/40/50mm connections	
P	(One open boss)	SP588*
Weathering	Collar	
a		SP300
Vent Termino	al	
		SP302



۲	Push Fit 32mm Push Fit 40mm Push Fit 50mm	SP10 SP11 SP12
	Solvent Weld 32mm Solvent Weld 40mm Solvent Weld 50mm	SP20 SP21 SP22
Fire Protection	Collar 110mm	
	(FC55, FC82 & FC160 available to order)	FC110

Reducers		
Product		Code
110x50mm Wo	aste#	
9		SP95
110x68mm Ra	inwater	
9		SP96
110x82mm Soi	il	
8	(Grey only)	SP97
Universal Wast	e Adaptor	
	(32/40/50)	D95
Drain Connecto	or	
		SP107*
Universal Pipe	Connector	
	(Adapts to soil/clay/ Cl/drainage)	SP140*
# To reduce to 32n	nm or 40mm wast	e use

10 reduce to 32mm or 40mm waste use SP10, SP11 or SP12 respectively.





"CAST IRON" STYLE 110MM RING SEAL SOIL SYSTEM PVC-U BS EN 1329 - 1:2000/BS 4514:2001



Product	10.10	Code
1.8m Pipe - Plai	n Ended - 110m	m
		SP9
110mm Pipe Co	upling	
	(Requires 2 x FC65 fixings)	SP115
Pipe Clip		
2	(Requires 2 x FC65 fixings)	SP84
8mm Pipe Space	er Bracket	
		SP89
110mm Vent Ter	rminal	
Atta		SP302
Strap Boss		
with o	ent cement can be used, aution, alternatively use external silicone sealant.	SP319
	*All complete with sc	cket shroud.



Product		Code
Access Pipe		
-	(Socket/Spigot)	SP274*
Boss Pipe		
4	(Socket/Spigot)	SP581*
Bend		
L	92½° (87½°) (Socket/Spigot)	SP161*
	135° (45°) (Socket/Spigot)	SP163*
-	92½° (87½°) (Double Socket)	SP561*
See.	135° (45°) (Double Socket)	SP563*
Access bend		
300	92½° (87½°)	SP169*
	*All complete with so	ocket shroud.



Product		Code
Branch		
-	92½° (87½°) (Double Branch)	SP230*
þ	92½° (87½°)	SP190*
h	92½° (87½°) (without side bosses)	SP192*
Cast Iron Fixir	ıgs**	
		FC65**
110mm Weat	hering Collar	
-		SP300
500x600mm	Weathering Slate	
		SP320

**12 gauge x 65mm Stainless Steel fixings for "Cαst Iron" range (socket fixings). The FC65 is a 12 gauge x 65mm Stainless Steel bolt, that requires a 12mm, 12 point star head socket to tighten it. When fixing product to concrete, brick, block et cfix FC65 in the same way as any other screw by using a plug type fixing, and into timber by pilot drilling a starter hole first.

SOIL MANIFOLD (SP588) BS EN 1329 - 1:2000/BS 4514:2001



Dimensions (mm)								
А	В	С	D	Е	F	G	Н	- I
268	210	102	149	132	85	110ø	89	75

The **FloPlast** Soil Manifold is designed to be installed in a soil stack in the corner of a room.

- Helps prevent stack induced siphonage on connecting runs.
- Prevents crossflow design problems.
- 32mm, 40mm, and 50mm connections possible in all inlets.
- Simple push-fit connection for all waste pipes.





110MM SOLVENT SOIL SYSTEM BS EN 1329 - 1:2000, BS 4514 2001





For additional items to complement Solvent Soil System please see Ring Seal Soil System brochure.



Product		Code			
Pipe-Plain E	Pipe-Plain Ended				
	3m	SS1			
	4m	SS2			
Bend					
4	135° (45°) Offset Bend-Top	SS440			
9	135° (45°) Offset Bend-Bottom	SS435			
S	92½° (87½°) (Double Socket)	SS561			
8	135° (45°) (Double Socket)	SS563			
P	90° Bend (Spigot/Socket)	SS168			
an a	92½° (87½°) Access Bend (Double Socket)	SS569			

Product		Code	
Pipe Clip			
\mathcal{A}		SS82	
Socket Pipe Cou	pling		
	Double	SS106	
0	Single (Solvent ring seal)	SS107	
Branch (Triple Socket)			
	92½° (87½°)	SS191	
	92½° (87½°)	SS211	
	92½° (87½°) Access Branch	SS503	
Vent Terminal			
Aires		SS302	

Blo	ick	Olive Grey	
Product		Code	
Short Boss Pipe			
		SS583	
Strap Boss			
		SS319	
Boss Adaptor			
33	2mm	SS20	
4	Omm	SS21	
Access Pipe			
(Double So	cket)	SS275	
Screwed Access Cap			
-		SS292	

SOIL-WC CONNECTORS BS EN 1329 - 1:2000, BS 5627:1984

A full range of horizontal pan connectors are available for use with WCs as specified in BS 5627:1984. Made in polypropylene, they are supplied with an integral sealing diaphragm which allows for up to 5° misalignment in any direction.









WASTE TRAPS BS EN 274



Traps to BS EN 274-1:2002 are manufactured in white high temperature polypropylene with compression type outlets that fit plastic and copper waste pipes 32mm/11/4" and 40mm/11".

Product Size Code				
P Trap				
(p)	38mm Seal	32mm 40mm	TP33 TP43	
P	76mm Seal	32mm 40mm	TP37 TP47	
J	76mm Seal Telescopic	40mm	TP47T	
Running 'P	' Trap		,	
P	76mm Seal	40mm	TR47	
S Trap				
h	38mm Seal	32mm 40mm	TS33 TS43	
Ŋ	76mm Seal	32mm 40mm	TS37 TS47	
Shallow Ba	th Trap			
1	38mm Seal	40mm	TSB42	
With cleaning ey	/e and 20mm s	seal		
Low Level B	ath Trap			
R.	50mm Seal	40mm	TLB45	
Washing N	achine Tro	ıp		
40mm TW470				
Washing N	Nachine Ki	it - 76mm s	eal	
76mm Seal 40mm TW471				
Includes 600mm stand pipe and 2 clips				

Product		Size	Code		
Bowl Sink Kit					
-	76mm Seal Single	40mm	TW472		
4	76mm Seal Half	40mm	TW475		
ų.	76mm Seal Double	40mm	TW476		
Double Noz	zle Trap				
- Jo	76mm Seal	40mm	TW477		
Appliance H	Half Traps				
5	76mm Seal	40mm	TW473		
<u>,</u>	76mm Seal	40mm	TW474		
Bottle Trap					
	38mm Seal	32mm 40mm	TB33 TB43		
3	76mm Seal	32mm 40mm	TB37 TB47		
6	76mm Seal Anit Vac	32mm 40mm	TB37A TB47A		
[0	76mm Seal Telescopic	32mm 40mm	ТВ37Т ТВ47Т		
Trap Height Adjustor					
Ĩ		32mm 40mm	TA33 TA43		

ProductSizeCodeTelescopic Pedestal Trap - 76mm seal76mm Seal32x32mm 32x40mmTD372T TD374TPatent Na. 682362658. Reg. Design Na. 2092016Plain Swivel ElbowVashing Machine TeeVashing Machine/Dishwasher NozzleVashing Machine/Dishwasher TrapsPlastic grid (furome grid40x19mm (furome gridPlastic grid (furome gridVashom (furome gridVet room Shower TrapVet room Shower TrapVet room Shower TrapVet room Shower TrapVashom (furome gridAlox50mm (furome gridTrap Seal Kits (4 piece)Vashom (furome (White	
76mm Sed32x32mm 32x40mmTD372T TD374TPatent Na. 682362658. Reg. Design Na. 2092016Plain Swivel ElbowPlain Swivel Elbow32mm 40mmWC26 WC27Washing Machine Tee40mmTWT41Washing Machine/Dishwasher Nozzle40mmTHC40Overflow & Hose Connector40mmTHC41Shower Traps40x19mm 40x19mmTH41 40x19mmPlasit grid (brome grid40x50mm 40x50mmTH51 TH53FastFlo Shower Trap40x50mmTH52Wet room Shower Trap40x50mmTH54Trap Seal Kits (4 piece)TH54					
76mm Seal 32x40mm TD374T Patent No. GB2362658. Reg. Design No. 2092016 Plain Swivel Elbow Plain Swivel Elbow 32mm WC26 Mashing Machine Tee 40mm TWT41 Washing Machine/Dishwasher Nozzle 40mm THC40 Overflow & Hose Connector 40mm THC40 Overflow & Hose Connector 40mm THC41 Shower Traps 40x19mm TH41 Ghrome grid 40x50mm TH51 Ghrome grid 40x50mm TH51 FastFlo Shower Trap 40x50mm TH52 Wet room Shower Trap 40x50mm TH54 Trap Seal Kits (4 piece) 40x50mm TH54	Telescopic	Pedestal T	rap - 76mm	seal	
Name and a stress of the second se	<u> </u>	74mm Coal	32x32mm	TD372T	
Plain Swivel Elbow 32mm WC26 40mm WC27 Washing Machine Tee 40mm TWT41 Washing Machine/Dishwasher Nozzle 40mm THC40 Overflow & Hose Connector 40mm THC40 Overflow & Hose Connector 40mm THC41 Shower Traps 40x1 9mm THC41 Ørane grid 40x1 9mm TH41 Ørane grid 40x50mm TH53 FastFlo Shower Trap 40x50mm TH52 Wet room Shower Trap 40x50mm TH54 Trap Seal Kits (4 piece) TH54		7 ollilli Seul	32x40mm	TD374T	
32mm 40mmWC26 WC27Washing Machine Tee40mmTWT41Washing Machine/Dishwasher Nozzle40mmTWT41Washing Machine/Dishwasher Nozzle40mmTHC40Overflow & Hose Connector40mmTHC41Shower Traps40x1 9mm 40x1 9mmTH41 40x1 9mmPlastic grid (throme grid40x2 0mmTH51 1 H53FastFlo Shower Trap40x50mmTH52Wet room Shower Trap40x50mmTH54Trap Seal Kits (4 piece)TH54TH54	Patent No. GB23	62658. Reg. Des	ign No. 2092016		
40mm WC27 Washing Machine Tee 40mm TWT41 Washing Machine/Dishwasher Nozzle 40mm THC40 Washing Machine/Dishwasher Nozzle 40mm THC40 Overflow & Hose Connector 40mm THC41 Shower Traps 40mm THC41 Plustic grid 40x19mm TH41 Grome grid 40x19mm TH41 Imme grid 40x20mm TH51 Imme grid 40x50mm TH52 Wet room Shower Trap 40x50mm TH54 Image Seal Kits (4 piece) TH54	Plain Swiv	el Elbow			
Washing Machine Tee 40mm TWT41 Washing Machine/Dishwasher Nozzle 1 Washing Machine/Dishwasher Nozzle 40mm THC40 Overflow & Hose Connector 40mm THC41 Shower Traps 40mm THC41 Grome grid 40x19mm TH41 Maxing Machine Jeise grid 40x19mm TH41 Grome grid 40x20mm TH51 FastFlo Shower Trap 40x50mm TH52 Wet room Shower Trap 40x50mm TH54 Trap Seal Kits (4 piece) TH54 Trap			32mm	WC26	
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Washing Machine/Dishwasher Nozzle Washing Machine/Dishwasher Nozzle Washing Machine/Dishwasher Nozzle Overflow & Hose Connector Overflow & Hose Connector Image: Add the set of the set	Washing I	Machine Te	e		
40mm THC40 Overflow & Hose Connector 40mm March 1 40mm Shower Traps 40x19mm Plustic grid 40x19mm March 2 Plustic grid March 2 40x50mm FastFlo Shower Trap Wet room Shower Trap Wet room Shower Trap 40x50mm TH54 Trap Seal Kits (4 piece)	A		40mm	TWT41	
Overflow & Hose Connector Jower Traps Shower Traps Plastic grid (brome grid 40x19mm 40x19mm THC41 TH41 40x19mm Plastic grid (brome grid 40x50mm TH51 7H53 FastFlo Shower Trap 40x50mm TH52 Wet room Shower Trap 40x50mm TH54 Trap Seal Kits (4 piece) 40x50mm TH54	Washing I	Machine/D	ishwasher I	Nozzle	
40mm THC41 Shower Traps 40x19mm TH41 Chrome grid 40x19mm TH43 1 Chrome grid 40x50mm TH51 1 Chrome grid 40x50mm TH52 Wet room Shower Trap 1 40x50mm TH54 Trap Seal Kits (4 piece)	-		40mm	THC40	
Shower Traps Shower Traps Image: Shower Traps Image: Shower Trap Image: Shower Trap Image: Shower Traps Image: Shower Traps </td <td>Overflow a</td> <td>& Hose Co</td> <td>nnector</td> <td></td>	Overflow a	& Hose Co	nnector		
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Plastic grid (brome grid 40x50mm TH51 FastFlo Shower Trap 40x50mm TH52 Wet room Shower Trap 40x50mm TH54 Trap Seal Kits (4 piece) 5000000000000000000000000000000000000	•	Plastic grid	40x19mm	TH41	
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Chrome grid 40x50mm TH53 FastFlo Shower Trap 40x50mm TH52 Wet room Shower Trap 40x50mm TH54 Trap Seal Kits (4 piece) 11154	-	Plastic grid	40x50mm	TH51	
40x50mm TH52 Wet room Shower Trap 40x50mm Trap Seal Kits (4 piece) TH54	0	Chrome grid			
Wet room Shower Trap 40x50mm Trap Seal Kits (4 piece)	FastFlo She	ower Trap			
40x50mm TH54 Trap Seal Kits (4 piece)	*		40x50mm	TH52	
40x50mm TH54 Trap Seal Kits (4 piece)	Wet room	Wet room Shower Trap			
	4550		40x50mm	TH54	
32mm TK32 40mm TK40	Trap Seal Kits (4 piece)				
20mm TK40	\bigcirc		32mm	TK32	
	Ŷ		40mm	TK40	



ABS SOLVENT WELD SYSTEM BS EN 1455 - 1:2000, BS 5255:1989





White

Black

Grey

Product	Size	Code
3m Wastepipe		
	32mm	WS01
	40mm	WS02
	50mm	WS03
Straight Coupling		
	32mm	WS07
	40mm	WS08
	50mm	WS09
Pipe Clip		
5	32mm	W\$34
P 10	40mm	W\$35
	50mm	W\$36
Bend		
	32mm	WS10
90°	40mm	WS11
$\Psi \Psi$	50mm	WS12
	32mm	WS14
92½° (87½°)	40mm	WS15
V V	50mm	WS16
	32mm	WS18
135° (45°)	40mm	WS19
	50mm	WS20

a 1 .	C !	
Product	Size	Code
Tee		
<u></u>	32mm	WS22
	40mm	WS23
10	50mm	WS24
Cross Tee 92½° (87½°)	40mm	W\$58*
Branch		
	32mm	WS42*
135° (45°)	40mm	WS43#
	4011111	11040
Conversion Bend		
	32mm	WS26
90°	40mm	WS27
	50mm	WS28#
	32mm	WS76#
135° (45°)	40mm	WS77#
$V \rightarrow$		
Access Plug		
	32mm	W\$30
d	40mm	W\$31
	50mm	W\$32

Product	Size	Code
Reducer		
	40x32mm 50x32mm 50x40mm	WS38 WS39 WS40
Level invert	40x32mm	WS50*
Tank Connector		
()	32mm 40mm	WS60# WS61#
Adaptors		
Male	32mm 40mm	WS63# WS64#
Female	32mm 40mm	WS66# WS67#
		d 1

*White only #Not available in black

"CHROME" STYLE WASTE TRAP BS EN 274



Material: Polypropylene. This quick and easy to install waste system incorporating a compression outlet accepts plastic and copper pipes.



Product	Size	Code	
Telescopic Bottle Trap 76mm seal			
-	32mm 40mm	СТ37Т СТ47Т	

System Features

- Enhances the area for visible installations.
- Ideal for all public areas, hotels, pubs & restaurants.
- Fits ABS, PVC, Copper & Polypropylene pipes.
- Gives an authentic chrome effect.



PUSH-FIT WASTE SYSTEMS BS EN 1451-1:2000/BS 5254:1976



Material: Polypropylene

Product	Code	Size	Product	Code	Size
3m Wastepipe			135° Bend (45°)		
	32mm 40mm 50mm	WP01 WP02 WP03	10	32mm 40mm 50mm	WP18 WP19 WP20
Straight Coupling			Tee		
	32mm 40mm 50mm	WP07 WP08 WP09	ŀ	32mm 40mm 50mm	WP22 WP23 WP24
90° Bend			90° Conversion Ber	nd	
00	32mm 40mm 50mm	WP10 WP11 WP12		32mm 40mm	WP26 WP27
92½° (87½°) Bend			Socket Plug		
	32mm 40mm 50mm	WP14 WP15 WP16		32mm 40mm 50mm	WP30 WP31 WP32

Product Code Size Pipe Clip 32mm WP34 40mm WP35 50mm WP36 Reducer 40x32mm WP38 50x32mm WP39 50x40mm WP40 Tank Connector 32mm WP60 40mm WP61

Made in polypropylene, this quick and easy to install waste system incorporating a push-fit ring seal system is available in 32mm, 40mm and 50mm sizes. No solvent welding required.

Waste Systems Fixing Guide

- Install and test system in accordance with BS EN 1610:1998.
- Fix pipe brackets at maximum 1.2m centres vertical and at maximum 0.5m centres horizontal for 32mm and 40mm, 0.6m centres for 50mm.
- An allowance of a 10mm expansion gap on all push-fit joints is required for the expansion of pipes and fittings in each socket of push-fit systems.
- For solvent weld installations incorporate expansion ring seal couplings at relevant points for long pipe runs.
- It is recommended that ABS and Polypropylene waste systems where externally
 installed are protected against prolonged exposure to sunlight with exterior
 gloss paint.
- For solvent weld systems ensure the pipe is cut square, all swarf removed and cleaning fluid applied to both surfaces of joint. Apply solvent cement evenly to both surfaces of joint, insert pipe fully into the socket depth and remove surplus cement with a cloth. Allow five minutes to set before handling and twelve hours before testing system.



(50mm: grey only)

UNICOM COMPRESSION WASTE SYSTEM BS 5254:1976, BS EN 1451-1:2000





Material: Polypropylene. This quick and easy to install waste system incorporating a compression outlet accepts plastic and copper pipes.



White

Product Size Code 3m Wastepipe* 32mm WP01 40mm WP02 Straight coupling WC07 32mm 40mm WC08 90° Bend 32mm WC10 WC11 40mm

Product	Size	Code		
0-90° Adjustable Bend				
070	32mm 40mm	WC14 WC15		
135° Bend (45°)				
	32mm 40mm	WC18 WC19		
Тее				
	32mm 40mm	WC22 WC23		

Product	Size	Code			
90° Conversion Bend					
(32mm 40mm	WC26 WC27			
Reducer					
()	40x32mm	WC38			
Flexi-Tube					
	32mm 40mm	FT32 FT40			

*Also available in black and grey.

"CHROME" STYLE UNICOM COMPRESSION WASTE SYSTEM BS 5254:1976, BS EN 1451-1:2000

Code

CW10

CW11

CW22

CW23



Material: Polypropylene. This quick and easy to install waste system incorporating a compression outlet accepts plastic and copper pipes.





		Chrome
Product	Size	Code
Pipe Clip		
R	32mm 40mm	CW34 CW35



OVERFLOW WASTE SYSTEM



21.5mm Overflow Waste PVC-U Solvent





*Fits into socket of both push-fit and solvent weld systems.

A 21.5mm solvent weld overflow system in PVC-U with an extensive range of fittings to meet most installation requirements.

Fixing Guide

- Fix pipe brackets at maximum 0.5m centres for both vertical and horizontal runs.
- No expansion gap required on the solvent weld overflow system.
- Solvent weld joints in accordance with ABS/PVC-U
- Waste Systems instructions.

FLEXIFLO CONNECTORS



cooping		
OF F	WF07 WF08	30-38 38-45
Elbow		
500	WF11 SP111	40-48 105-116

System Features

- Flexible range of connectors, suitable for a wide variety of applications.
- Will fit all pipes (PVC/Copper/Lead etc) within each specific size range.
- Elbows must not be used in underground installation situations.



ANCILLARIES











Product	Code
125ml Solvent Cement	
	SC125
250ml Solvent Cement	
	SC250

Solvent Cement is CE marked to BS EN 14680:2006 Attestation Level 4

Number of joints achievable (for guidance only)						
Solvent Weld	32mm	40mm	50mm	110mm		
125ml	27	27	27	7		
250ml	55	55	55	15		
Lubricant						
100gm Silicone Grease	160	120	100	60		
800gm Lubricant Gel	1200	950	800	450		
40ml Silicone Spray	600	420	400	225		



Scan with your Smart Phone to view our Waste Systems Installation Video

INFORMATION

Soil & Waste Systems Compatibility Chart

	110mm Above	Push-Fit Waste (PP)			Solvent Weld Waste (ABS)		
Manufacturer	Ground Drainage	32mm	40mm	50mm	32mm	40mm	50mm
Hepworth	~	~	~	~	~	~	~
Brett Martin	~	✓	~	~	~	~	~
Osma	~	✓	~	~	~	~	~
Polypipe Terrain	~	✓	~	~	~	~	~
Marley	~	 	~	~	~	~	~
Hunter	~	 	~	~	~	~	~

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