

FloPlast
building the future



Soil & Waste Systems





FloPlast 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.



bsi.
Air Admittance
Valves
BS EN 12380
KITEMARK™

KM 512474



bsi.
ABS Piping Systems
for Soil and Waste
BS EN 14524
KITEMARK™

KM 548654



bsi.
PVC-U Piping
Systems for Soil and Waste
BS EN 16263
KITEMARK™

KM 572704



bsi.
PVC-U Piping Systems
for Soil and Waste
BS EN 16264
KITEMARK™

KM 563460



bsi.
PVC-U Piping Systems
for Soil and Waste
BS EN 12281
KITEMARK™

KM 544331

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 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.

Colour Guide:

B Black	G Grey	W White
OG Olive Grey	CH Chrome	CI "Cast Iron" Style

Soil & Waste Systems

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

Further guidance should also be sought by reference to:

- BS EN 12056 Gravity Drainage Systems inside Buildings
- BS 8000 -13 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	Horizontal
32mm	1.2m	0.5m
40mm	1.2m	0.5m
50mm	1.2m	0.6m
110mm	2m	1m

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



AIR ADMITTANCE VALVES BS EN 12380

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° & $+60^{\circ}\text{c}$ (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 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, 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.

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



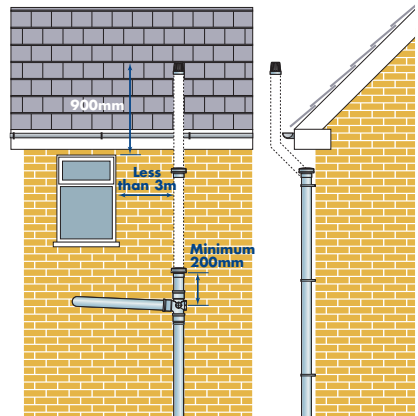
AX110

Product	Size	Colour	Code
External Air Admittance Valve	Push-fit/Solvent	CE	
	110mm 82mm	B G W	AX110

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.



Further information on **FloPlast** Air Admittance Valves is available from the BSI detailed sheet which is downloadable from our website:
www.floplast.co.uk





AV32



AF32





AV110





AF110

Product	Size	Colour	Code
Air Admittance Valve Compression			

	32mm 40mm 50mm		AV32 AV40 AV50
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(White only) This product is not CE marked under the Construction Products Regulations 2011

Product	Size	Colour	Code
Air Admittance Valve Solvent 			





	32mm 40mm 50mm		AF32
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(White only) Universal adaptor to fit 32mm/40mm/50mm Solvent Waste Pipe

Product	Size	Colour	Code
Air Admittance Valve Solvent 			

	110mm	  	AV110
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Product	Size	Colour	Code
Air Admittance Valve Push-Fit 			

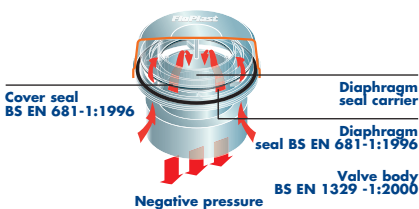
	110mm	  	AF110
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For 82mm solvent connection, remove seal from 110mm push-fit.

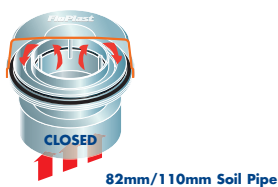
Advantages and Benefits

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

Valve Open (Negative pressure in pipework)

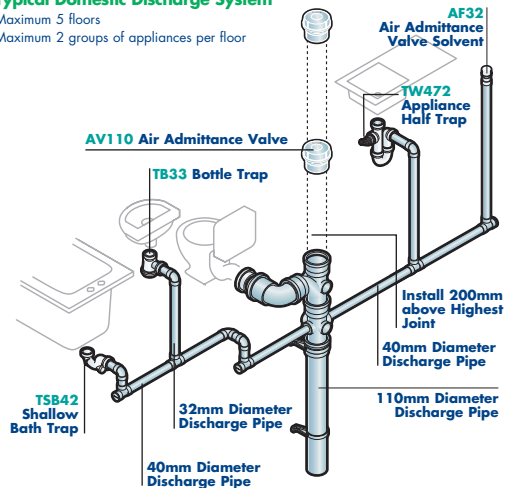


Valve Closed (Normal working conditions)



Typical Domestic Discharge System

Maximum 5 floors
Maximum 2 groups of appliances per floor





Fixing Guide

Install and test system in accordance with BS EN 1610.

- 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 withdrawing all pipe and fitting spigots from the 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

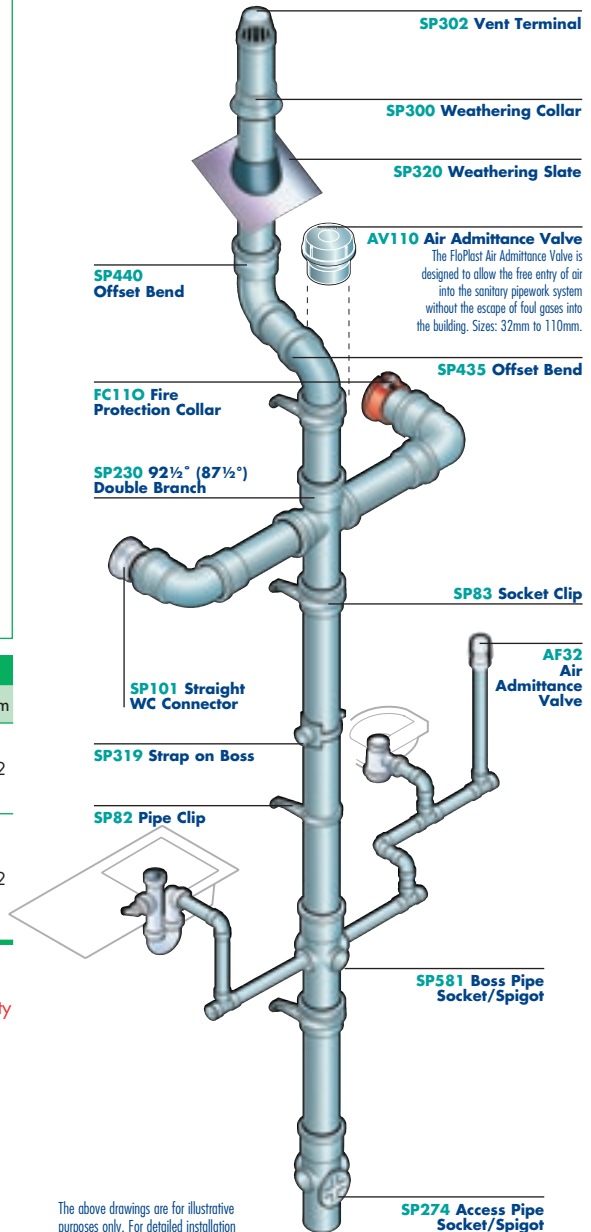
Solvent Weld Connection to ABS	32mm	40mm	50mm	
	ABS	SP20	SP21	SP22
Straight Push-fit Connection to Push-fit Waste or Solvent Weld Waste				
	SP10	SP11	SP12	

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










The above drawings are for illustrative purposes only. For detailed installation advice please contact your local stockist.



110MM RING PIPE AND FITTINGS BS EN 1329-1, BS 4514, BS EN 1453-1









Product	Colour	Code
Plain Ended Pipe		
 1m	B G W	SP8
 3m	B G W	SP1
 4m	B G	SP2

Product	Colour	Code
Single Socket Pipe		
 3m	B G W	SP3
 4m	B G W	SP4



Bend	Colour	Code
 92½° (87½°) (Socket/Spigot)	B G W	SP161
 92½° (87½°) (Double Socket)	B G W	SP561
 112½° (67½°) (Socket/Spigot)	B G W	SP162
 135° (45°) (Socket/Spigot)	B G W	SP163
 135° (45°) (Double Socket)	B G W	SP563
 92½° (87½°) (Access Bend)	B G W	SP169



Offset Bend 135° (45°)	Colour	Code
 (Ring Seal Top)	B G W	SP440
 (Solvent Bottom)	B G W	SP435
 (Spigot/Solvent Socket)	B G W	SP435

Adjustable Bend 0-90°	Colour	Code
 (PP - Do not solvent weld)	B G W	SP560

Branch	Colour	Code
 92½° (87½°)	B G W	SP190
 112½° (67½°)	B G W	SP200
 135° (45½°)	B G W	SP210
 92½° (87½°) Double Branch	B G W	SP230
 92½° Corner Branch	B G W	SP232
 92½° (87½°) Access Branch	B G W	SP502








Product	Colour	Code
Pipe/Socket Clip		
 Pipe Clip	B G W	SP82
 Socket Clip	B G	SP83

Socket Pipe Coupling	Colour	Code
 Double	B G W	SP105
 Single	B G W	SP124


Screwed Access Cap	Colour	Code
	B G W	SP292

Socket Plug	Colour	Code
	B G W	SP296

Access Pipe	Colour	Code
 Socket/Spigot	B G W	SP274
 Socket/Solvent Socket	B G	SP275

Boss Pipe	Colour	Code
 Socket/Spigot	B G W	SP581
 Socket/Solvent Socket	B G	SP582
 Short	B G W	SP583


Strap Boss	Colour	Code
	B G W	SP319


Soil Manifold 32/40/50mm connections	Colour	Code
 (One open boss)	B G	SP588


Weathering Collar	Colour	Code
	B G W	SP300

Vent Terminal	Colour	Code
	B G W	SP302



Product	Colour	Code
Extract Cowl		
	B G W	SP310

500 x 600mm Weathering Slate	Colour	Code
	N/A	SP320

Push Fit Boss Adaptor	Colour	Code
	B G W	SP10
32mm		SP11
40mm		SP12
50mm		


Solvent Weld Boss Adaptor	Colour	Code
	B G W	SP20
32mm		SP21
40mm		SP22
50mm		

Fire Protection Collar 110mm	Colour	Code
	CH	FC110

(FC55, FC82 & FC160 available to order)


Product	Colour	Code
Reducers		
110x50mm Waste*		
	B G W	SP95

110x68mm Rainwater	Colour	Code
	B G W	SP96

110x82mm Soil	Colour	Code
	G	SP97

Universal Waste Adaptor	Colour	Code
 (32/40/50)	B G W	D95

Drain Connector	Colour	Code
	B G	SP107

Universal Pipe Connector	Colour	Code
	B G	SP140

Adapts to soil, clay, CI and drainage

*To reduce to 32mm, 40mm or 50mm waste for push-fit use SP10, SP11 or SP12 respectively and for Solvent weld use SP21, SP22 or SP23 respectively.

“CAST IRON” STYLE 110MM RING SEAL SOIL SYSTEM PVC-U BS EN 1329-1, BS 4514, BS EN 1453-1



Product	Colour	Code
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1.8m Pipe - Plain Ended

	CI	SP9
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110mm Pipe Coupling

	(Requires 2 x FC65 fixings)	CI	SP115
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Pipe Clip

	(Requires 2 x FC65 fixings)	CI	SP84
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8mm Pipe Spacer Bracket

	CI	SP89
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110mm Vent Terminal

	CI	SP302
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Strap Boss

	CI	SP319
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Solvent cement can be used, with caution, alternatively use external silicone sealant.



Product	Colour	Code
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Access Pipe*

	(Socket/Spigot)	CI	SP274
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Boss Pipe*

	(Socket/Spigot)	CI	SP581
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Bend*

	92½° (87½°) (Socket/Spigot)	CI	SP161
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	135° (45°) (Socket/Spigot)	CI	SP163
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	92½° (87½°) (Double Socket)	CI	SP561
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	135° (45°) (Double Socket)	CI	SP563
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Access bend*

	92½° (87½°)	CI	SP169
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Product	Colour	Code
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Branch*

	92½° (87½°) (Double Branch)	CI	SP230
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	92½° (87½°)	CI	SP190
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	92½° (87½°) (without side bosses)	CI	SP192
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Cast Iron Fixings**

	CI	FC65
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110mm Weathering Collar

	CI	SP300
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500x600mm Weathering Slate

	CI	SP320
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**12 gauge x 65mm Stainless Steel fixings for “Cast 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 etc fix 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.

*All complete with socket shroud.

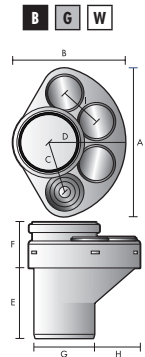
SOIL MANIFOLD (SP588) BS EN 1329 - 1:2000/BS 4514:2001



Dimensions (mm)								
A	B	C	D	E	F	G	H	I
268	210	102	149	132	85	110 \varnothing	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, BS 4514, BS EN 1453-1



Product	Colour	Code
Pipe-Plain Ended		
	3m	B OG SS1
	4m	SS2

Bend

	135° (45°) Offset Bend-Top	B OG SS440
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	135° (45°) Offset Bend-Bottom	B OG SS435
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	92½° (87½°) (Double Socket)	B OG SS561
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	135° (45°) (Double Socket)	B OG SS563
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	90° Bend (Spigot/Socket)	B OG SS168
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	92½° (87½°) Access Bend (Double Socket)	B OG SS569
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Product	Colour	Code
Pipe Clip		
	B OG	SS82


Socket Pipe Coupling

	Double	B OG SS106
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	Single (Solvent ring seal)	B OG SS107
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Branch (Triple Socket)

	92½° (87½°)	B OG SS191
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	92½° (87½°) Access Branch	B OG SS211
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	92° (87½°) Access Branch	B OG SS503
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Vent Terminal

	B OG	SS302
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Product	Colour	Code
Short Boss Pipe		
	B OG	SS583

Strap Boss

	B OG	SS319
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Boss Adaptor

	32mm 40mm	B OG SS20 SS21
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Access Pipe

	(Double Socket)	B OG SS275
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Screwed Access Cap

	B OG	SS292
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For additional items to complement Solvent Soil System please see Ring Seal Soil System brochure.

SOIL-WC CONNECTORS BS EN 1329-1, BS 5627


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.

Product	Colour	Code
Swan neck		
	W	SP100


Product	Colour	Code
Straight		
	W	SP101

Product	Colour	Code
Offset		
	W	SP102

Product	Colour	Code
90° Bend		
	W	SP103

Product	Colour	Code
250mm Extension		
	W	SP104





















Product	Colour	Code
Flexible		
	W	SP106























Product	Colour	Code
14° Connector		
	W	SP108























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/1¼" and 40mm/1½".

Product	Size	Colour	Code
P Trap			
	32mm 40mm		TP33 TP43
	32mm 40mm		TP37 TP47
	40mm		TP47T
Running 'P' Trap			
	40mm		TR47
S Trap			
	32mm 40mm		TS33 TS43
	32mm 40mm		TS37 TS47
Shallow Bath Trap			
	40mm		TSB42
With cleaning eye			
Low Level Bath Trap			
	40mm		TLB45
Washing Machine Trap			
	40mm		TW470
Washing Machine Kit - 76mm seal			
	40mm		TW471
Includes 600mm stand pipe and 2 clips			

Product	Size	Colour	Code
Bowl Sink Kit			
	40mm		TW472
	40mm		TW475
	40mm		TW476
Double Nozzle Trap			
	40mm		TW477
Appliance Half Traps			
	40mm		TW473
	40mm		TW474
Bottle Trap			
	32mm 40mm		TB33 TB43
	32mm 40mm		TB37 TB47
	32mm 40mm		TB37A TB47A
	32mm 40mm		TB37T TB47T
Trap Height Adjustor			
	32mm 40mm		TA33 TA43

Product	Size	Colour	Code
Telescopic Pedestal Trap - 76mm seal			
	32x32mm 32x40mm		TD372T TD374T
Patent No. GB2362658. Reg. Design No. 2092016			
Plain Swivel Elbow			
	32mm 40mm		WC26 WC27
Washing Machine Tee			
	40mm		TWT41
Washing Machine/Dishwasher Nozzle			
	40mm		THC40
Overflow & Hose Connector			
	40mm		THC41
Shower Traps			
	40x19mm		TH41
	40x19mm		TH43
	40x50mm		TH51
	40x50mm		TH53
FastFlo Shower Trap			
	40x50mm	N/A	TH52
Wet room Shower Trap			
	40x50mm		TH54
Trap Seal Kits (4 piece)			
	32mm 40mm	N/A	TK32 TK40

"CHROME" STYLE WASTE TRAP BS EN 274



Product	Size	Colour	Code
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Telescopic Bottle Trap 76mm seal

	32mm 40mm		CT37T CT47T
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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.

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

UNICOM COMPRESSION WASTE SYSTEM BS 5254, BS EN 1451-1



Product	Size	Colour	Code
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3m Wastepipe*

	32mm 40mm		WP01 WP02
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Straight coupling

	32mm 40mm		WC07 WC08
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90° Bend


	32mm 40mm		WC10 WC11
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Product	Size	Colour	Code
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0-90° Adjustable Bend

	32mm 40mm		WC14 WC15
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135° (45°) Bend

	32mm 40mm		WC18 WC19
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Tee


	32mm 40mm		WC22 WC23
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Product	Size	Colour	Code
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90° Conversion Bend

	32mm 40mm		WC26 WC27
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Reducer

	40x32mm		WC38
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Flexi-Tube

	32mm 40mm		FT32 FT40
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Material: Polypropylene. This quick and easy to install waste system incorporating a compression outlet accepts plastic and copper pipes.

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

Product	Size	Colour	Code
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1.1m Wastepipe (ABS)

	32mm 40mm		CW01 CW02
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Straight Coupling

	32mm 40mm		CW07 CW08
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Product	Size	Colour	Code
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90° Bend

	32mm 40mm		CW10 CW11
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Tee

	32mm 40mm		CW22 CW23
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Product	Size	Colour	Code
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Pipe Clip


	32mm 40mm		CW34 CW35
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Material: Polypropylene. This quick and easy to install waste system incorporating a compression outlet accepts plastic and copper pipes.




Product	Size	Colour	Code
3m Wastepipe			
	32mm	B G W	WP01
	40mm	B G W	WP02
	50mm	G	WP03


Straight Coupling

	32mm	B G W	WP07
	40mm	B G W	WP08
	50mm	G	WP09


90° Bend

	32mm	B G W	WP10
	40mm	B G W	WP11
	50mm	G	WP12

92½° (87½°) Bend

	32mm	B G W	WP14
	40mm	B G W	WP15
	50mm	G	WP16



Product	Size	Colour	Code
135° (45°) Bend			
	32mm	B G W	WP18
	40mm	B G W	WP19
	50mm	G	WP20

Tee

	32mm	B G W	WP22
	40mm	B G W	WP23
	50mm	G	WP24


90° Conversion Bend

	32mm	B G W	WP26
	40mm	B G W	WP27


Socket Plug

	32mm	B G W	WP30
	40mm	B G W	WP31
	50mm	G	WP32




Product	Size	Colour	Code
Pipe Clip			
	32mm	B G W	WP34
	40mm	B G W	WP35
	50mm	G	WP36

Reducer

	40x32mm	B G W	WP38
	50x32mm	B G W	WP39
	50x40mm	G	WP40

Tank Connector

	32mm	B G W	WP60
	40mm	B G W	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.
- 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.

ABS SOLVENT WELD SYSTEM BS EN 1455-1, BS 5255




Product	Colour	Code
3m Wastepipe		
 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS01
40mm		WS02
50mm		WS03

Straight Coupling

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS07
40mm		WS08
50mm		WS09


Bend - 90°

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS10
40mm		WS11
50mm		WS12

Bend - 92½° (87½°)

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS14
40mm		WS15
50mm		WS16

Bend - 135° (45°)

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS18
40mm		WS19
50mm		WS20

Tee

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS22
40mm		WS23
50mm		WS24


Cross Tee - 92½° (87½°)

 40mm	<div style="border: 1px solid black; padding: 2px;">W</div>	WS58
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Branch - 135° (45°)


 32mm	<div style="border: 1px solid black; padding: 2px;">W</div>	WS42
	40mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>

Conversion Bend - 90°


 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS26
	40mm	WS27
50mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS28

Material: PVC-U Solvent




Product	Colour	Code
Conversion Bend - 135° (45°)		
 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS76
40mm		WS77


Access Plug

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS30
40mm		WS31
50mm		WS32


Pipe Clip

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS34
40mm		WS35
50mm		WS36


Reducer

	40x32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">B</div> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS38
	50x32mm		WS39
	50x40mm		WS40




Product	Colour	Code
Level Invert		
 40x32mm	<div style="border: 1px solid black; padding: 2px;">W</div>	WS50

Tank Connector

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS60
40mm		WS61

Male Adaptors

 32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS63
40mm		WS64

Female Adaptors

	32mm	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">G</div> <div style="border: 1px solid black; padding: 2px;">W</div> </div>	WS66
	40mm		WS67



OVERFLOW WASTE SYSTEM



Product	Colour	Code
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3m Overflow Pipe

	B W	OS01
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Straight Coupling

	B W	OS10
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Bend

	90° B W	OS11
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	135° (45°) B W	OS12
--	------------------------------	------

Tee

	B W	OS13
--	-------------------	------



Product	Colour	Code
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Tank Connector

	Straight B W	OS14
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	Bent B W	OS15
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Pipe Clip

	B W	OS16
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Overflow Waste Reducer*

	32mm 40mm B W	OS17 OS18
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*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 fixing guide.

FLEXIFLO CONNECTORS



Product	Size	Colour	Code
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Coupling

	30-38mm 38-45mm	G	WF07 WF08
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Elbow

	40-48mm 105-116mm	G	WF11 SP111
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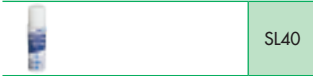
System Features

- 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
40ml Compressed Silicone Lubricant Spray	



50g Silicone Lubricant Gel	
----------------------------	--



Product	Code
800gm Lubricant Gel	



100gm Silicone Grease	
-----------------------	--



Product	Code
125ml Solvent Cement	



250ml Solvent Cement	
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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

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

FloPlast

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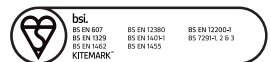
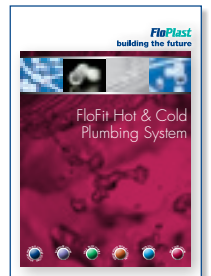
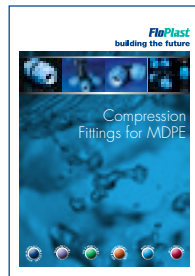
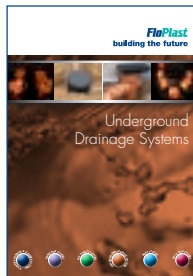
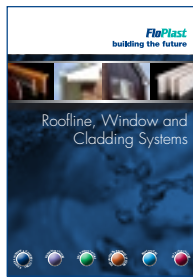
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