


## 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 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.

### 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 view our Soil Installation Video

SP440 Offset Bend

FC110 Fire Protection Collar



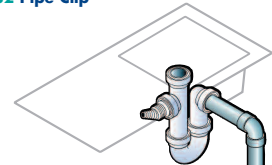
SP560  
ADJUSTABLE BEND 0-90°

SP230  
92½° (87½°) Double Branch

SP101  
Straight WC Connector

SP319 Strap on Boss

SP82 Pipe Clip



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

**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**

**AF32 Air Admittance Valve**

**SP581 Boss Pipe Socket/Spigot**

**SP274 Access Pipe Socket/Spigot**

**110mm Pipe and Fittings**

**Pipe-Plain Ended**

	CODE SP1 SP2*	SIZE 3m 4m
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**Pipe-Single Socket**

	CODE SP3 SP4	SIZE 3m 4m
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**Brackets**

	Code SP82 SP83*	Pipe Clip Socket Clip
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**Pipe Couplings**

	CODE SP105	Double Socket
	SP124	Single Socket

**Soil Pipe Bends**

	CODE SP161	92½° (87½°) Bend (Socket/Spigot)
	SP561	92½° (87½°) Bend (Double Socket)
	SP162	112½° (67½°) Bend (Socket/Spigot)
	SP163	135° (45°) Bend (Socket/Spigot)
	SP563	135° (45°) Bend (Double Socket)

**Adjustable Bend 0-90°**

	CODE SP560	
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(PP - Do not solvent weld)

**Offset Bends**

	CODE SP440	135° (45°) Top
	SP435	135° (45°) Bottom

**Soil Pipe Branches**

	CODE SP190	92½° (87½°) Branch
	SP200	112½° (67½°) Branch
	SP210	135° (45°) Branch
	SP230	92½° (87½°) Double Branch
	SP232	92½° Corner Branch Special order only

**Access Fittings**

	92½° (87½°) Access Bend	CODE SP169
	92½° (87½°) Access Branch	SP502
	Screwed Access Cap	SP292
	Socket Plug	SP296
	Access Pipe (Socket/Spigot)	SP274
	Access Pipe (Socket/Solvent Socket)	SP275*

**Bosses/Manifold**

	Boss Pipe (Socket/Spigot)	CODE SP581
	Boss Pipe (Socket/Solvent Socket)	SP582*
	Short Boss Pipe	SP583
	Strap Boss	SP319
	Soil Manifold (One open boss) 32/40/50mm connections	SP588*

**Terminal Fittings**

	Weathering Collar	CODE SP300
	Vent Terminal	SP302
	Extract Cowl	SP310
	500 x 600mm Weathering Slate	SP320

**Boss Adaptor - Rubber (Push-fit)**

	CODE SP10 SP11 SP12	SIZE 32mm 40mm 50mm
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**Solvent Boss Adaptor**

	CODE SP20 SP21 SP22	SIZE 32mm 40mm 50mm
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**Reducers**

	110x50mm Waste#	CODE SP95
	110x68mm Rainwater	SP96
	110x82mm Soil (Grey only)	SP97
	Universal Waste Adaptor (32/40/50)	D95
	Universal Rainwater Adaptor (Sq/Rd)	D96
	80x110mm Adaptor	D97


#To reduce to 32mm or 40mm waste use WS39/40 or WP39/40 respectively

**Drain Connector**

	CODE SP107
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Connects directly into socket of a cast iron or clay pipe (and cemented in) to provide a pipe socket for plastic pipe.

**Universal Pipe Connector**

	CODE SP140
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Connects directly into pipe of a cast iron, clay or plastic pipe system to provide a socket for plastic pipe.

**Fire Protection Collar**

	CODE FC110	SIZE 110mm
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(FC50, FC82 and FC160 available to order)

**NEW extensive range in white for 2013**

(\* Not available in White)  White  Black  Grey