

## ACCESS BORDER LINK KIT

### Description of kit SLK4

The Access Border Link Kit is designed to allow border drip systems (SPBK25, SPBK) or border sprinkler systems (SBW25, SPW) to be linked together so that multiple borders can be watered on a single zone. The pipe is designed to be buried, making a permanent and unobtrusive installation.

NOTE: Care should be taken to ensure that you do not add more drippers or sprinklers than your water supply can cope with. Do not mix sprinkler and drip kits on the same zone as they require different watering times.

List of contents			
CODE	DESCRIPTION	SLK4	
PEB20-25M	25m coil 20mm underground pipe	1	
FLM20-4	20mm – 1" male compression pipe fitting	1	
FLF20-3	20mm – ¾" female compression pipe fitting	1	
FLT20	20mm compression tee piece	3	
FLE20-3M	20mm – ¾" male elbow compression fitting	4	
EPTFE-G	PTFE thread sealing tape	1	

### Supply requirements

The pipework will cope with a flow of 1,000 l/h distributed over 4 separate beds.

### Fittings

#### Compression type

To fit Plassim compression type fittings, first cut the end of the pipe square. Slacken the black cap until it is just holding on the threads, then firmly push the pipe into the fitting ensuring it goes through the internal rubber seal. Finally, tighten the cap - hand tight is sufficient.

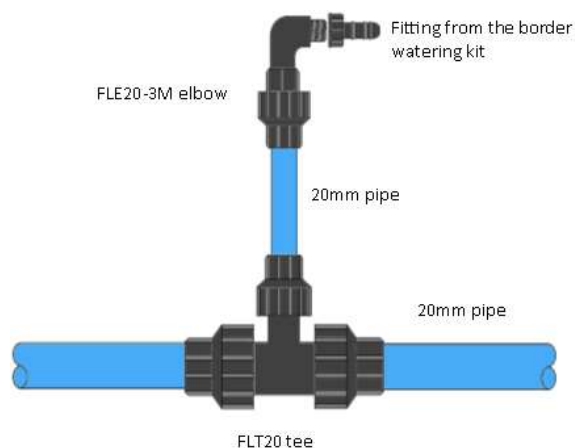
#### Threaded type

All threaded joints need to be sealed using PTFE tape, (EPTFE-G) allow 50% overlap and wind around the thread in a clockwise direction.

### System layout

Unroll the coil of pipe *cartwheel* fashion to avoid kinking and then place in the trench. The pipework needs to run adjacent to the beds to be watered. Where a pipe needs to rise to the surface to supply a bed, cut the pipe and fit a tee piece (FLT20). Use a tail of pipe to bring the water supply into the bed – if the bed is not yet ready for the dripline or sprinklers leave a tail of pipe sticking out of the ground but make sure the end is taped over.

For the last bed, do not use a tee piece but sweep the 20mm pipe directly up into the bed.



Once you are ready to fit the border drip or sprinkler kit, dish the soil out from around the pipe tail and cut the pipe square. Fit the elbow (FLE20-3M) – you should aim for this fitting to be at ground level.

All of the border drip and border sprinkler kits have an FBK16-3F (drip) or FBK20-3F (sprinkler) fitting at the start of the run. Screw this onto the elbow and then connect the watering pipe that comes in the kit – following the instructions with the kit. Flush the pipework.

## **System supply**

### ***Outdoor tap***

If using an outdoor hose union type tap, fit the FLF20-3 compression fitting to an outdoor tap using PTFE thread sealing tape. The fitting is permanent, so if you still wish to be able to use the outside tap then then fit a 2-way manifold ET2M3. You can use a tap timer to automate the watering if you wish.

### ***Valve Box***

To connect the border link kit to the solenoid valve in the valve box connect the FLM20-4 compression fitting into the outlet of the solenoid valve.

## **Testing the system**

Before refilling the trenches, the system should be tested under pressure to ensure there are no water leaks.

## **Maintenance**

The system is not designed to run through the Winter months and should be drained down if practicable. The supply connection should be disconnected and any water drained out.

## **Options**

Additional pipe and fittings are available.

The addition of a battery timer will enable the system to be automated.

If pressure and flow is not sufficient or if the Water Authority require, a Cat '5' pressure booster set can be supplied.

If you have any queries regarding this kit or options available, please contact our sales department.

**UK water regulations require backflow prevention. The Local Water Authority must be consulted for specific requirements prior to installing this system.**

**Irrigation systems should only be installed  
by a competent person**

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