

System Specification

Client:		Date:	
Project:	Residential Sedum Green Roof	Quote:	
Description	Residential Green Roof Package (SGR25)		

Description of system

The package covers a flat green roof area of 25m² or a sloping area of 50m².

The package includes dripline, irrigation controller and all associated fittings.

Control system

The system will be operated via Hunter Bluetooth battery powered tap timer. This is simple to program using the Hunter BT app. The controller screws directly to the tap outlet and has a push button manual start.

Supply Pipe

16mm LDPE pipe is supplied to run from the tap point to the roof level. To comply with current water regulations a 'DB' backflow prevention device is included, which needs to be fitted with outlet holes 300mm above the highest dripline run. It is assumed this will be located at roof level and fitted directly to the roof supply pipe connection point.

Dripline

The green roof will be irrigated using Permadrip-Pro dripline with a 30cm emitter spacing. This is a robust 16mm brown coloured pipe which has a wall thickness of 1.2mm. The emitters are pressure compensating providing a consistent output of 1.6 L/h. The driplines will be laid on the surface running across the roof and secured either with soil pegs or strapped directly to the sedum matting as appropriate.

All pipe connections will be PoziLock compression type which provide easy assembly combined with a high level of durability making them ideal for this type of application.

Additional Requirements

It is recommended that before purchasing this watering package a flow test is carried out on the proposed water supply to ensure it will be capable of supplying enough water to run the system (if in doubt consult our sales team).

In addition to this package the following will also be required:

- Mains water supply capable of delivering 270 L/h @ 2.0 bar at roof level (50m dripline).

General Details

Location of Equipment

Due to the nature of the equipment, some drainage of water onto the floor is to be expected, during routine maintenance or should a fault develop. It is the responsibility of the client to check the suitability of the proposed equipment and its proposed location before installation.

Connection to Water Supply

The Water Supply (Water Fittings) Regulations 1999 allow this type of system to be operated from the mains water supply, provided the dripline is not buried, no fertiliser is passed through the system and the supply is protected by a double check valve and DB type pipe interrupter. It is assumed the supply for the system is fitted with a double check valve. It is also a requirement that the Local Water Authority is informed of the intention to install this system.

Terms and Conditions

Warranty information, payment terms and delivery information is contained in the 'Terms and Conditions of Sale for Access Irrigation Limited', available by request or downloadable from our website.

Maintenance

The system should be drained down during periods where frost is likely. Information on maintenance of the system components will be provided with the package.

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