



KISSS PREMIUM SUBSURFACE IRRIGATION SYSTEM KISSS ®

- ◆ Water savings of up to 60% versus conventional irrigation systems
- ◆ Delivers water directly to the root zone
- ◆ Eliminates evaporation and surface run-off
- ◆ Reduces water losses caused by deep drainage and tunneling
- ◆ Increases fertiliser efficiency
- ◆ Safe, effective and efficient use of recycled water
- ◆ Reduces weed propagation
- ◆ Reduced vandalism and damage due to sub-surface installation
- ◆ Reduces maintenance
- ◆ Deters root intrusion without the use of chemicals
- ◆ KISSS can be operated so that the surface remains dry while roots are irrigated

KISSS CLASSIC PREMIUM	Reference	PC	ROLL m	Characteristics	wall
PIPE 13 MM	KCP100D13	PC	200	1,0 L/H @0,3 M 50-300 k Pa	0,9 mm
PIPE 16 MM	KCP100D16	PC	200	1,0 L/H @0,5 M 50-300 k Pa (4L/H YM)	0,9 mm

KISSS® SYSTEM. KISSS PREMIUM CAPILLARY IRRIGATION SYSTEM APPLICATION IN AGRICULTURE AND SUSTAINABLE CITIES

Subsurface irrigation system consisting of a dripper line coated by a technical geotextile with an impermeable base to avoid percolation and a baffle at the top side. Water is supplied by the drip line and is absorbed and transferred along the geotextile 10,000 times faster than in a loamy soil. Soil absorbs water from the geotextile by **capillary action**.

Its unique, patented design significantly reduces water flow required for irrigation, **saving water around 50%** relative to a surface drip irrigation, resulting suitable for conditions of water scarcity, or for individuals, companies and entities aware of the value of water and the need for its saving and care.

SWAN WATER SOLUTIONS

Avenida de Europa, 19
Tercera planta
Parque industrial La
Moraleja.
28108-Alcobendas-Madrid
www.swanwatersolutions.com

(+34) 91 793 24 33