

THE NEXT STANDARD FOR MANAGING WATER IN YOUR GREEN SPACES

TRANSFORMING OUTDOOR SPACES INTO SUSTAINABLE & LUXURY ENVIRONMENTS

CAPILLARY ROOTZONE IRRIGATION

Water saving
&
rainwater buffer and re-use

START BELOW.
GROW BETTER.

WATER MANAGING FOUNDATION

Light-weight sub-base replacement &
rainwater storage, retention,
drainage & infiltration

BUILT ON WATER EFFICIENCY.

COOLED ARTIFICIAL TURF

Effective cooling &
rainwater buffer and
re-use

FEELS LIKE NATURAL GRASS.



CAPILLARY ROOTZONE IRRIGATION

An irrigation system that delivers water directly to the root zone from beneath the substrate – **only what plants need, when they need it**. Stored rainwater is gradually reused, while irrigation water automatically takes over when needed, ensuring a continuous and highly efficient water supply for plants and trees.



>50%
WATER SAVINGS

>80 L/m²
BUFFER FOR RAIN

+25%
GREEN COVERAGE

715 kN/m²

COMPRESSIVE STRENGTH

>140 L/m²

BUFFER FOR RAIN

95%

VOID RATIO

**BUILT ON WATER EFFICIENCY.
BUILT ON RAIN REUSE.**

WATER MANAGING FOUNDATION

Beyond its capillary rootzone irrigation capabilities, the system combines high load-bearing capacity with rainwater storage and reuse. Invisible within the landscape design, modular, scalable and proven worldwide, it can replace conventional sub-base beneath roads, parking areas, and pavements while creating a valuable rainwater buffer that supports the surrounding green infrastructure.



COOLED ARTIFICIAL TURF

The comfort and appearance of natural grass with up to 80% less water. The system provides active cooling only when needed or on a continuous base, keeping surfaces up to 40% cooler than standard artificial turf for 1 or many days. Ideal for gardens, terraces, pool areas, relaxation spaces, and play areas for children and pets.

80%
WATER SAVINGS

40%
HEAT REDUCTION

≥1 DAY(S)
COOLING DURATION

**LESS WATER.
MORE COMFORT.
MORE USABLE OUTDOOR LIFE.**

- > Need a tailored quotation?
- > Free water assessment?
- > Contact with experts?

Visit us or get in touch – we'd be happy to tell you more



Simpaverde S.L.

Lugar Las Lomas 123, 29120 Alhaurín el Grande

Málaga, Andalucía

T (+34) 691 183 582

Email info@simpaverde.es

www.simpaverde.es



LET'S BRING YOUR VISION TO LIFE.