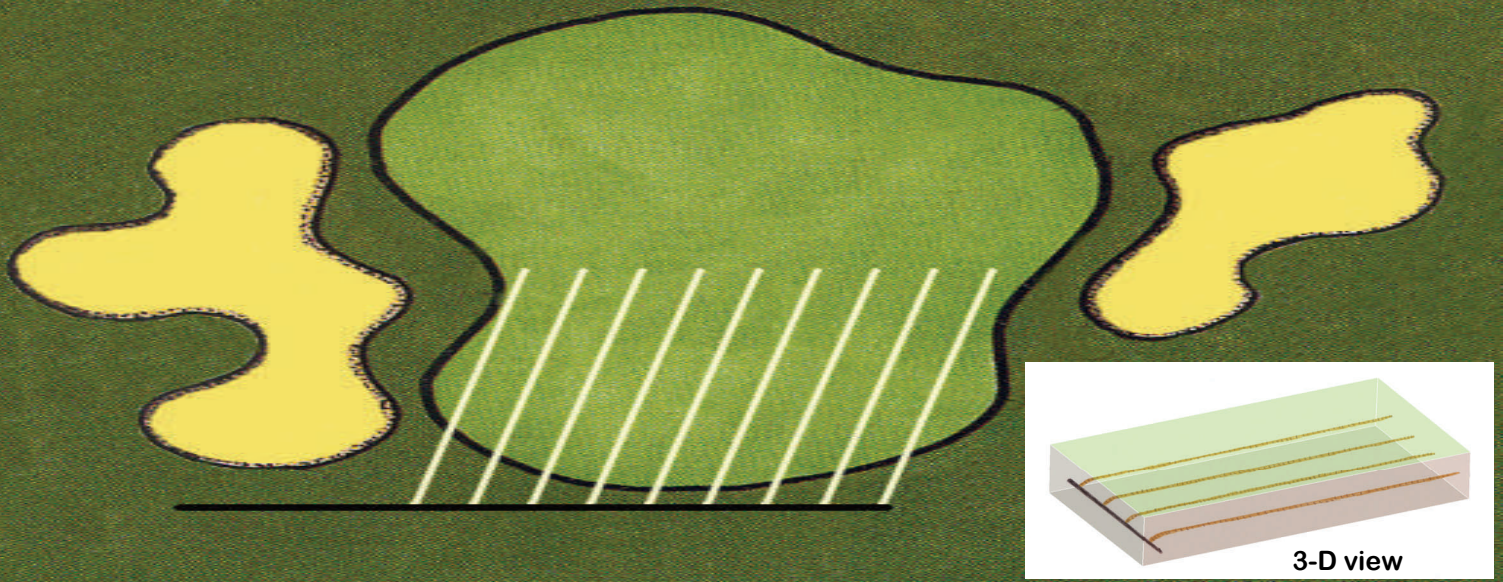


# FloWick™

Passive Capillary Drain System  
removes water held in suspension  
in the saturated fringe of layered soils.

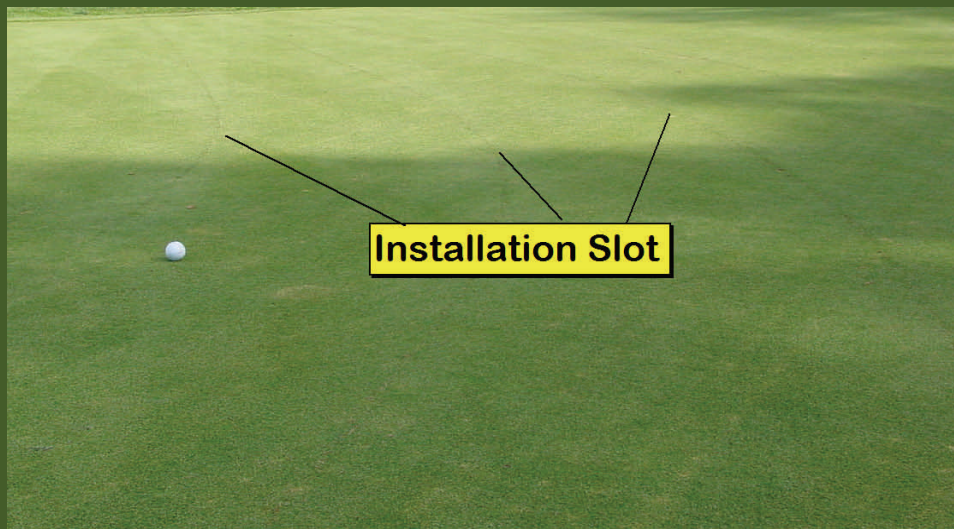


### The FloWick™ system, on greens, is applied only in areas needing drainage.

The system consists of an array of wettable capillary elements that are highly permeable, promoting both absorption and linear flow (element's absorption properties are comparable to a root zone sand, yet they have a permeability similar to a fine gravel). As localized excess water is removed, soil moisture becomes more evenly distributed throughout the green. This aids in providing a consistent turf stand for easier turf management and improved playability.

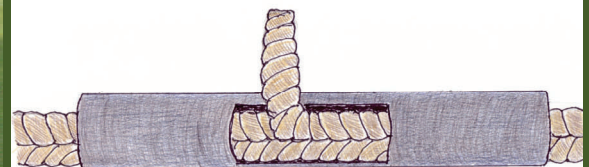
### Sand Channels assure flow to the elements.

These channels reach from just below the surface down to the FloWick™ installed below cup depth. Given a similarity in texture between the sand channel and the FloWick™ elements, water normally held in the saturated fringe is drawn into the gradient system for transport to exit drains. The capillary connection is made by installing either a continuous subsurface sand curtain, or by using the DryJect® aeration process (shown) when a topdressing is desired.



### Turf surface is playable immediately after installation.

The FloWick™ installation process assures minimal surface disruption, saves the turf repair costs associated with alternative drainage methods.



### FloTrans™ conduit installed off the edge of the green.

Continuing to provide suction, this transition element extends down slope for connection to free-flow exit drains, inlet/outlet control structures, ponds, or streams.

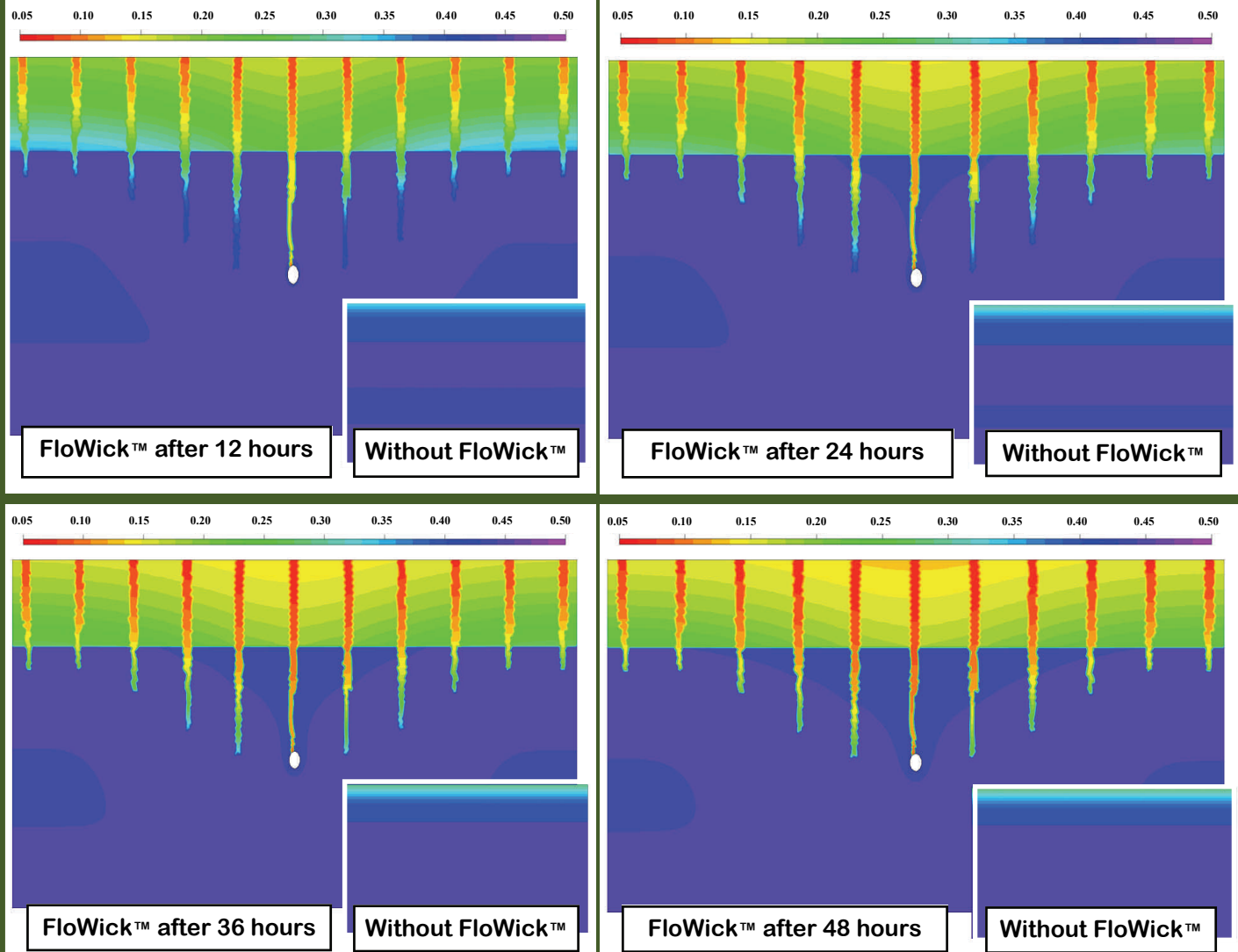
## TURFTECH NOW™

Healthy Turf Starts with Control of Nutrients Oxxygen Water

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Passive Capillary Drain System  
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**Timed moisture release shows dramatic results.** Graphics below illustrate a soil cross section, 3 feet wide by 16 inches deep, with DryJect® inserts and a FloWick™ line installed. The deepest inserts are centered over and around the FloWick™ installation slot. Green construction is “pushup” with a native soil sub base and a 4-inch sandy top-dressing layer. The color range shows soil moisture % over a 48-hour sequence



## FloWick™ system helps the turf professional gain control of water within the green.

Provides the opportunity to develop a healthy turf requiring less maintenance. Turf with a deeper, denser, root system that resists biotic and abiotic stress. A turf for which problems such as moss invasion, algae, and black layer are all significantly reduced, if not eliminated. Chemical applications are minimized season after season as enhanced soil aeration increases microbial activity. For the life of the green this unique suction system works continuously to eliminate excess capillary water, without the use of electrical or mechanical devices. And its more affordable than alternative drain systems because its applied only where needed on the green.



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### TURFTECH NOW™

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