

## **EXTERIOR INSTALLATION PROCESS**

SEMI-HYDRO



Semi-hydro exterior planting provides a water holding reservoir for extended watering cycles. Through capillary action, the plant has access to water when it needs it. The funnel allows excess water from rainfall or overwatering to escape and not waterlog the soil.

## **MATERIALS**

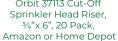


SBYURE 6 Pack Plastic Funnels, 4.6"W x 5.5"H, Multi-Purpose Clear Plastic - Amazon

Gun – Amazon or

Home Depot









Silicon Caulk and Caulk



and zip ties



Red Guard waterproofing

Home Depot

Vulkaponic, soil and mulch - Vulkaponic USA, local supplier.



Center funnel over drain hole and draw a circle around base. Tip: Funnel may be cut to desired height or extended with 3/4" cut-off sprinkler riser.



Apply two coats RedGard waterproofing to bottom and sides of container and funnel. **Tip:** Ensure waterproofing exceeds funnel height to create a water reservoir.



Add growing mix directly over Vulkaponic to desired planting height keeping finished root ball 2" below rim of container.



Apply heavy bead of silicone on and immediately inside drawn circle.



Cover narrow opening of funnel with soil separator fabric and secure with zip tie.



Place root ball and back-fill planter with growing mix tamping firm. Tip: Ensure root ball is 2" below rim of container and soil is packed firm down sides.



Place funnel on silicone bead applying pressure to ensure good adhesion. Tip: If extending funnel with 3/4" cut-off sprinkler riser, silicon it to funnel at the step.



Add Vulkaponic to container covering top of funnel by at least 1". Tip: This allows excess water to drain and permits root zone air exchange



Add 1" of hardwood or other mulch evenly spread over potting soil allowing 1" of remaining freeboard space to water without overflow