

Guide Specification
Section 328400 Planting Irrigation
Section 129333 Manufactured Planters
Section 129200 Interior Planters

CWI Classic™ Container Irrigation Systems
Drop-In Waterproof Inserts with Built-In Irrigation

1.0 GENERAL

1.1 WORK INCLUDED

- A. Provision of CWI Classic Container Irrigation System Inserts.

1.2 RELATED WORK

- A. Section 329000 Planting
- B. Section 129333 Manufactured Planters
- C. Section 128200 Interior Planters

1.3 SUBMITTALS

- A. Product Data: Manufacturer's standard catalog cut sheets and planting instructions.
- B. Samples: Material sample as required for size confirmation only.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Inspect CWI Classic inserts after delivery for signs of damage during transit.
- B. Protect inserts from damage during storage and handling.
- C. Store inserts in their original packaging. Do not expose inserts during storage to temperatures where material will exceed 150° F.

1.5 PROJECT CONDITIONS

- A. Protect units from damage by adjacent work.

1.6 MAINTENANCE

- A. Prior to project completion, provide manufacturer's planting and maintenance instructions to maintaining contractor to insure correct planting and maintenance of the planters.
- B. After planting, CWI Classic units' reservoirs are to be topped off as required. Do not allow reservoirs to run dry.

2.0 PRODUCTS

2.1 ACCEPTABLE PRODUCTS/MANUFACTURERS

- A. CWI Classic™ Container Irrigation System Inserts, manufactured by Tournesol Siteworks, 30955 San Antonio St., Hayward, CA 94544. (800)542-2282 fax (510)471-6243. info@tournesolsiteworks.com

2.2 CWI CLASSIC CONTAINER IRRIGATION SYSTEM INSERTS

- A. Type: Self-contained, waterproof units with integral air- and watertight reservoir requiring no irrigation or drainage lines. Vacuum sensor system to control release of water

from bottom of unit into the root zone. Water reservoir sized to maintain plants for up to 2-4 weeks, and have a recessed water inlet port. Inserts will be leakproof, will not leach salts, and have side-release overflow drainage adapter for exterior use.

B. Material: linear low-density polyethylene

C. Color: Integral black color

D. Sizes: See CWI Classic cut sheet for exact dimensions - to drop into existing planter.

E. Interior Applications: Contractor to install ½" MNPT Plug in side drain (included).

2.3 CWI CLASSIC INSERT ACCESSORIES (OPTIONAL)

A. Bioguard Root Control Fabric: To prevent plant roots clogging the inlet holes, leading to premature failure of system. Bioguard is EPA-registered root control fabric coated with Trifluralin, a herbicide that prevents root cell division. Biobarrier cut into 3" squares by Planter Technology, Inc.

B. Changeable parts: Stopper, one-sided grommet, sensor tube. All parts shall initially be included with CWI Inserts and shall be removable and replaceable.

3.0 EXECUTION

3.1 PREPARATION

A. Prior to order, the contractor shall verify size, location and quantity of inserts required.¹

3.2 INSTALLATION

A. Refer closely to manufacturer's planting instructions.

B. Use staging material if required to bring CWI Classic to correct level within container. Once CWI Classic is planted, edges may be covered with bark, moss, or decorative cover.

C. Install either Overflow Drainage Riser or ½" MNPT Plug into gray female threaded fitting at base of CWI Classic. Be sure to thread straight to ensure tight seal.

D. Install level to permit correct functioning. Allow access to water inlet.

E. Make sure drainage hole on side of CWI Classic is allowed to free drain, and is not blocked by staging material.

¹ Field verification of plant size, and fit into decorative containers is frequently overlooked by the contractor, and can lead to delays and additional cost if neglected.