

Guide Specification Wilshire Steel Planters

1.0 GENERAL

1.1 WORK INCLUDES

- A. Provision of Steel Planters

1.2 RELATED WORK

- A. Section 033000 Cast-in-Place concrete
- B. Section 129233 Interior Planters
- C. Section 129333 Manufactured Planters
- D. Section 329433 Planters
- E. Section 129300 Site Furnishings

1.3 SUBMITTALS

- A. Product Data: Manufacturer's standard catalog cut sheets.
- B. Samples: As required for color selection or material thickness only.
- C. For custom applications, showing critical sizes and dimensions for installation and integration with other work.
- D. Environmental Product Declarations (EPDs): Submit third-party verified and product-specific EPDs for the specified materials, demonstrating compliance with ISO 21930, 14025, and 14044, or equivalent standards.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Unwrap & inspect Product after delivery for signs of damage during transit.
- B. Protect planters from damage during storage and handling.
- C. Store planters indoors if possible. Do not stand or walk on planters.
- D. Planter may be lifted by provided brackets welded into all four corners. Lift only 6" off ground. Planters shall remain unloaded when lifting/mobilizing.

1.5 PROJECT CONDITIONS

- A. Contractor to provide level area to support Planters
- B. Protect units from damage by adjacent work.

1.6 WARRANTY

- A. Product will be free from defects in material and/or workmanship for a period of 3 years from invoice date.
- B. Warranty does not apply to damages from alteration, misuse, or installation damage.
- C. Warranty applies to original purchaser only.
- D. Normal use of these products may result in scratches, nicks, and dents. These are considered normal wear and not the responsibility of the manufacturer.
- E. Manufacture will, at its option repair, replace, or refund the purchase price of products deemed defective by an authorized representative.

2.0 PRODUCTS

2.1 ACCEPTABLE PRODUCTS/MANUFACTURERS

- A. Wilshire Steel Planters, manufactured by Tournesol Siteworks LLC. 2930 Faber St., Union City, CA 94587 Tel: (800) 542-2282 Tournesol.com

2.2 WILSHIRE STEEL PLANTERS

A. Materials

1. Weathering Steel Planters: ASTM A606 12 ga. (0.105") sheet, formed and welded. ASTM A588 3/16" (0.1875") may be substituted for custom projects where required. Wall reinforcement elements of same material attached as required.
2. Powdercoated Steel Planters: Body ASTM A1011 hot rolled commercial carbon steel sheet, formed and welded. Wall reinforcement elements of same material attached as required. Floor ASTM A240 (304) stainless steel sheet with a 2B finish.
3. Fasteners: All fasteners are 18-8 (304) commercial-grade stainless steel.

B. Fabrication

1. Fully Assembled Planters: Planter bodies to be formed and fully welded at vertical seams. Top lips, where applicable, to be brake formed (for straight line) or seam welded (for curved). Welded top lips on powder coated carbon steel planters' ground smooth. Floor fastened and sealed water-tight to body. Floor may be fastened with 2" toekick/reveal, or flush to bottom. Planters delivered with 1-5/8" diameter drain holes unless specified otherwise.

C. Performance Characteristics

1. Planter: Vertical wall panels will not deform more than L/250 when loaded with 110 lbs/cu ft. soil media. Similar performance with heavier soil media is available by specification.

D. Finishes

1. Carbon Steel: Following fabrication the planter shall be cleaned utilizing abrasive grit blasting. This process removes the outer layer of mill scale and residues prior to powder coating for maximum adhesion. Corrosion-resistant zinc rich undercoat shall be applied, 2-3mils thick. The protective topcoat shall be polyester powder. 3-5 mils thick. Following application parts shall be oven cured.
2. Untreated Weathering Steel: Mill spec weathering (i.e., Corten) steel with no pretreatment.
3. Pre-Weathered Steel: Following fabrication planter shall be cleaned utilizing abrasive grit blasting, Apply a spray coat premix of white vinegar, salt, and peroxide. Allow accelerated patination for 12 hours minimum.

- E. Sizes:
 - 1. Standard Sizes: Modular units fabricated to size by manufacturer as required to fill specified areas. Refer to catalog for standard sizes.
 - 2. Custom Sizes: Custom sizes as per approved shop drawings.

2.3 **PLANTER OPTIONS**

- A. Drain Holes: Factory drilled as standard prior to delivery. Planters without drain holes need to be specified.
- B. Scoops: Adjacent planter walls may be lowered to allow multiple modular units to appear as one continuous unit. Optional connection kits are also available, contact manufacturer prior to ordering.
- C. Accessory Pockets: Available for standard lighting and junction boxes per manufacturer's compatibility guide. Custom Accessory pockets are available for lighting, audio, electrical, or other elements. Submit sample of specified housing with order, confirm size and location on shop drawings.
- D. Casters: Available for most small and medium sized planters, using polyurethane wheels. Non-locking casters recessed in planter, bottom of skirt approx. 1/2" from surface.
- E. Wally Bench: Cantilevered bench – Contact manufacturer for size and installation requirements.

3.0 **EXECUTION**

3.1 **PREPARATION**

- A. Planters: Prior to planter fabrication, the contractor shall verify as-built dimensions of planter area or receptacles to ensure proper size, fit and quantity required.

3.2 **INSTALLATION**

- A. Planters: Provide continuous basal support and Install level to permit adequate drainage and irrigation. Shimming for drainage is allowed per manufacturer's "Shimming for Drainage Guide".