

Guide Specification Wilshire Aluminum Planters

1.0 GENERAL

1.1 WORK INCLUDED

- A. Provision of Aluminum 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. Shop Drawings: 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 and inspect planters 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 can be lifted by provided holes in corners of side wall structural supports. Lift only 6" off ground. Planter not to be loaded when mobilizing.

1.5 PROJECT CONDITIONS

- A. Contractor to provide adequate structural support for planters. Unless otherwise specified, planters should have continuous basal support.
- 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. Normal use of these products may result in scratches, nicks, and dents. These are considered normal wear and tear, and are not the responsibility of the manufacturer
- D. Tournesol Siteworks will, at its option repair, replace, or refund the purchase price of products that are deemed defective by an authorized Tournesol Siteworks representative.

2.0 PRODUCTS

2.1 ACCEPTABLE PRODUCTS/MANUFACTURERS

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

2.2 WILSHIRE ALUMINUM PLANTERS

A. Materials –

1. Aluminum – ASTM B209 – B5052-H32 Marine Grade 1/8” Aluminum sheet, formed and laser welded. Wall reinforcement elements of same material welded as required. Entire product is aluminum construction

B. Construction –

Planter bodies to be formed and fully laser welded at vertical seams. Top lips, where applicable, to be press broke, seam laser welded. Floor fully welded for a water-tight to body. Floor may be welded with 2” toe kick/reveal, or flush to bottom. Planters delivered with 1-5/8” drain holes unless specified otherwise.

C. Performance characteristics –planter wall panels will not deform more than **L/250** when loaded with **110 lbs/cu ft. soil media**.

D. Finish: specified finish; factory finished.

1. Aluminum –

a.: Following fabrication planter shall be cleaned by dry steam cleaning and zirconium solution. Corrosion-resistant zinc free epoxy primer shall be applied, 1-2mils thick. Protective powder coat shall be polyester or polyester TGIC powder, minimum 4 mils thick. Following application parts shall be baked until properly cured.

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

2.3 PLANTER OPTIONS

A. Drainage holes factory drilled as standard prior to delivery. Planters without drain holes need to be specified

B. Scoop connections – adjacent planter walls may be lowered to allow multiple modular units appear to be one continuous unit. Optional connection kits also available, contact manufacturer prior to ordering

C. Standard accessory pockets are available for standard lighting and junction boxes. Custom Accessory pockets available for 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. Cantilevered bench – Contact manufacturer for size and installation requirements

3.0 EXECUTION

3.1 PREPARATION

A. 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. Install planters to allow for easy removal if necessary.
- B. Provide continuous basal support.
- C. Install level to permit adequate drainage and irrigation.