

Guide Specification
Section 12 9330 Manufactured Planters

Planx® Planters

1.0 **GENERAL**

CityScapes International manufactures a complete line of modular planters in a variety of materials. Products are available for viewing on CityScapesinc.com

1.1 **PRODUCT**

- A. Planks of [textured wood grain PVC], [natural wood], [composite wood] panels for the sides and end of the planter.
- B. Extruded aluminum posts and stiffeners for framing and direct attachment of panels. Posts are designed to be attached to concrete pads, piers or footings (provided by others) or as a free-standing unit.
- C. Pre-formed polystyrene planter tray for soil and plant retention.
- D. [NatureScreen](#) trellis system (optional) for vertical growing of plants
- E. Custom sizes, shapes and colors can be made.

1.2 **RELATED Categories**

- A. Section 12 9300 Site Furnishings
- B. Section 12 9200 Interior Planters

1.3 **SUBMITTALS**

- A. Product Data: Planx® Planter standard offering – available online or hard copy.
- B. Samples: Available for color selection and to approve material
- C. Drawings: For all planters showing sizes and dimensions, drawings showing installation and fastening methods if applicable.

1.4 **DELIVERY, STORAGE AND HANDLING**

- A. For pre-assembled units, remove banding from pallet inspect planter(s) for signs of damage during transit. Remove planter(s) from pallet and insert planting tray, if provided.
- B. For ready to assemble units, inspect delivery for signs of damage during transit. Follow assembly instructions, included with your purchase.
- C. Keep planter trays out of direct sunlight when stored. Trays are susceptible to warping until filled with soil.

1.5 **PROJECT ENVIRONMENTS**

- A. Architects, Landscape Architects, Contractors, Building Owners, Developers and others shall ensure planters are positioned on stable surfaces.
- B. Fill planter tray (when supplied) a minimum of 2” above the tray.
- C. Raised planters should be secured to concrete pad or footer in areas when tipping may occur (i.e. assisted living centers, nursing homes, daycare centers etc...)

2.0 PRODUCTS

2.1 ACCEPTABLE PRODUCTS/MANUFACTURERS

- A. Planx® Planters manufactured by CityScapes International, 4200 Lyman Court, Columbus, OH 43026 Tel: (614) 850-2540 email: info@cityscapesinc.com

2.2 Planx® Planter – with boards

- A. Materials – Planters are constructed of extruded aluminum post and stiffeners combined with 1” solid, PVC boards, composite deck boards or natural planks. Recycled materials are used, whenever possible, to reduce environmental impact.

1. Extruded aluminum products in accordance with Aluminum Plate, Shapes and Bar: ASTM B 221, alloy 6005-T5, 6061-T5 or 6063-T5.
 - Posts are 0.090” thick, 4” x 4” nominal
 - End plates and stiffeners are extruded aluminum shapes
 - Posts and stiffeners are powder coated in a variety of colors. Coating is 2 to 4 mils thick
2. Planks [Planx®] are PVC (Polyvinyl Chloride), 1-inch thick, solid core, extruded planks. PVC Planks carry the longest warranty of all our products and require little to no maintenance.
 - Alternative boards [composite deck boards] [IPE] [cedar] shall be [½”] or [1”] in thickness.
3. Threaded fasteners: All screws, bolts, nuts and washers shall be stainless steel or galvanized steel.
 - End plate fasteners are #10 x 1.5” stainless steel screws
4. Planter Tray (when provided) is a thermoformed, polystyrene tray used for soil and plant retention and provides drainage to either a channeled outlet in the planter post or directly to the ground.
 - Alternatives are available for applications where a tray will not fit or support the desired soil volume. Contact Project Manager for options.
 - **Note:** For interior applications, do not drill drain holes without consideration to drainage management. Project Manager can provide options and suggestions.

B. Construction

1. Planters are of modular construction and are available in a variety of sizes, shapes and heights. Customer requests [Length], [Width], [Height] and desired plant [Depth] (depth is in 6-inch increments).
2. All posts are cut to length, powder coated and include caps and base covers (when requested). Customer shall specify [color] or posts and aluminum stiffeners.
3. Planx® are cut to length and assembled, using end plates, into the 4 sides of the finished planter. Customer shall specify [color] of planks to be used. Note: Plank height shall be in 6-inch increments and does not need to equal the overall height of the planter (i.e. planter height 24” with 18” of plank and 6” of exposed post).
4. Planters trays arrive without drainage holes, unless [specified] at time of order. Holes can easily be drilled on site.
5. Accessories – [Self watering trays], [irrigation systems], [NatureScreen Trellis] attachments and [lighting] are all available at time of order. Speak with Project Manager for details.

C. Finish:

1. All aluminum parts are finished in either [matte], [textured], [satin] or [gloss] finishes.
2. Planks have a natural matte finish

D. Sizes:

1. Raised Planter sizes, including tray:
 - [18" x 36" x 34"], [18" x 48" x 34"], [24" x 48" x 34"], [24" x 60" x 34"], [24" x 72" x 34"] – all planters listed meet ADA roll up standard.
 - Raised planters standard design is 3 planks of coverage or 18"
 - Made to order sizes always available
2. Elevated Gardens are typically 24" deep. Standard sizes, including tray:
 - [24" x 24" x 18"], [24" x 48" x 18"], [24" x 60" x 18"], [24" x 72" x 18"], [24" x 24" x 24"], [24" x 48" x 24"], [24" x 60" x 24"], [24" x 72" x 24"], [24" x 24" x 30"], [24" x 48" x 30"], [24" x 60" x 30"], [24" x 72" x 30"]
 - Made to order sizes always available
3. Raised bed sizes (no tray):
 - [24" x 24" x 12"], [24" x 48" x 12"], [24" x 96" x 12"], [48" x 48" x 12"], [48" x 96" x 12"], [48" x 120" x 12"], [24" x 24" x 18"], [24" x 48" x 18"], [24" x 96" x 18"], [48" x 48" x 18"], [48" x 96" x 18"], [48" x 120" x 18"]
 - Made to order sizes always available
4. Other:
 - Any combination of raised planters, raised bed or elevated garden planters may be connected to form various shapes and heights including:
 - Tiered
 - "T" "L", "U", Shaped
 - Integrated Trellis (NatureScreen) system

2.3 PLANTER ACCESSORIES

- A. [Self watering], [irrigation systems], [NatureScreen Trellis] [pest covers] attachments and [lighting] are all available at time of order. Speak with Project Manager for details.

3.0 EXECUTION

3.1 PREPARATION

1. Contractor, Client or Customer should ensure the site for the planter is level and prepared in accordance with approved Submittal.

3.2 ASSEMBLY/INSTALLATION

- A. Assemble planters as show on CityScapes supplied instructions. Install planters in desired location. Planters can easily be disassembled for transport or relocation.