

Artificial Plants Unlimited Outdoor & Fire Retardant Plants Guide Specifications

(Section 129213 Outdoor Artificial Plants)

1.0 - GENERAL

1.1 - SCOPE OF WORK INCLUDED

A. Provision of outdoor artificial plants & related planters/mounts

1.2 – SUBMITTALS

- A. Product Data: Standard & Custom Design Cut Sheets
- B. Samples: As required for color selection or material approval. Mockups of custom designs can be made.
- C. Testing Reports-
 - a. Expected Lifetime- In all-day full southern exposure sun, we see a site life of 3-5 years. 5-7 years in partially protected areas.
 - b. Outdoor Material passes the ASTM G154-12a 1000-hour UV/Weather test without testable color degradation.
 - c. Fire Retardant Material meets EN 13501-1:2018 grade C-S2-D0 for use with any substrate classified A2 or above.

1.3 - DELIVERY, STORAGE AND HANDLING

- A. Unwrap and inspect upon delivery for damage during transit and report it to us as soon as possible.
- B. Store in a protected area until installed and take precautions to avoid damage while handling.

2.0 - PRODUCTS

2.1 - ACCEPTABLE PRODUCTS/MANUFACTURERS

- A. Manufactured by
Artificial Plants Unlimited / Planters Unlimited
6056 Corte Del Cedro, Carlsbad, CA 92011
Tel: 888-320-0626
Email: sales@artificialplantsunlimited.com

2.2 – ARTIFICIAL PLANTS

- A. Dividers in New Planters
 - a. Plantscapes range from 1'-6' in planted height. Hedges/Bamboo Can be custom-sized to any height.

- b. Species include Hedges(Boxwood/Ivy/Azalea), Bamboo, Horsetail, Agave, Ferns, Grass & Mixed plantings.
 - c. Most planters can be custom-sized without a tooling charge of up to 10' in length. See the full selection here: www.plantersunlimited.com/planters
 - d. Hedges are mounted using a powder-coated iron grid, bolted to the bottom of the planter
 - e. Bamboo/Poled plants are mounted using an FRP false bottom & weatherproof foam.
 - f. Topped using either moss, soil, or affixed black rock.
 - g. Drainage provided standard.
- B. Dividers in Ground or Existing Planters
- a. Plantscapes range from 1'-8' in planted height. Hedges / Bamboo heights can be customized.
 - b. Species include Hedges(Boxwood/Ivy/Azalea), Bamboo, Horsetail, Agave, Ferns, Grass & Mixed plantings.
 - c. Mounting: Hedges / Bamboo include mount tabs that can be bolted down/staked. Poled loose plants will need to be secured by media of choice based on application.
 - d. Client to provide the measurement of the interior of the planter/space
- C. Living Walls
- a. Sizing: Custom-sized to fit your space. The max panel size is 96"x72" for shipping.
 - b. Species include: Mixed Succulent, Mixed Replica, Mixed Lush, European Boxwood, Japanese Boxwood, Azalea & English Ivy
 - c. Backing: Mounted on a powder-coated iron grid backing.
 - d. Mount: Standards are Flush Mount or 1" Stand-off Mount. Larger standoffs are available with an additional fee.
 - e. Frames: Fiberglass/Fiberstone frames are available.
 - f. Custom Designs: Mixed Succulent & Mixed Replica Walls integrate many different items to create unique designs or even logos. The client provides a concept photo highlighting the species/color/pattern to be achieved. One round of review/revision is included at no additional cost.
 - g. Rolls & Tiles: Any foliage other than the mixed walls is also available in a roll (custom cut to any size) or in tiles. These are great for interior installations or where budget is a concern.
- D. Hanging Baskets
- a. Sizing: Standard basket sizes are: 18" D, 22" D, 24" D & 30" D. Larger & Smaller baskets are available upon request.
 - b. Species Include: Azalea, Fern, Bougainvillea, English Ivy, Impatiens & Grass
 - c. Mount/Topper: Mounted in weatherproof foam & topped with secured moss
 - d. Basket: Powder-coated basket/chain & coconut coir liner
 - e. Brackets: 1-way, 2-way pole mount brackets & wall mount brackets are available in 2 different styles(scroll/hook).
 - f. Removable Liners: Fiberglass liners are available so you can swap out your artificial plantings seasonally.
- E. Topiaries
- a. Shapes: Letter/Number, Logo, Animal, Cone, Obelisk, Cylinder
 - b. Stocking Sphere Sizes: 6", 7", 13", 15", 19", 21"
 - c. Species: Boxwood, English Ivy, Azalea
 - d. Construction: A powder-coated iron grid backing is made, then approx. 2.5" thick foliage is attached.
 - e. Sizing: Topiaries can be made to any size. No scale is too large. Due to the thickness of the foliage, designs with detail may be rejected at small scales.

2.3 - PLANTER ACCESSORIES / CUSTOM OPTIONS

- A. Wall Mounted Planters
- B. Custom Designs / Sizes
- C. Toekick Lighting
- D. Accessory Cutouts

- E. Hidden Locking or Non-Locking Casters / Forklift Cutouts
- F. False Bottoms
- F. Removable Liners
- G. Integrated Trellis or Seating

3.0 - EXECUTION

3.1 – PREPARATION

- A. Before the production of planters/plantscapes, the contractor must verify the dimensions of the area to ensure proper fit.
- B. Plan for delivery labor appropriate to your products and delivery site. If a forklift is not available, it may require several laborers to unload large items.
- C. Consider limited access issues in getting large items from the delivery staging area to the install site. Stairways, elevators, and doorways can be limiting factors. Craning large items into limited-access spaces is not uncommon.

3.2 – INSTALLATION & CARE

- A. Handle items with care and avoid standing or stepping on them.
- B. Living Walls: Install items on an appropriate substrate and use appropriate hardware to secure the living wall.
- C. Dividers & Topiaries: Install items on level ground unless specified to accommodate a slope. Continuous base support is recommended. Use Shims as needed.
- D. Artificial plants can be wiped clean if the leaf shape allows. It is recommended to regularly spray off plants/planters with a standard pressure garden hose. For accumulated grime, wipe clean with a microfiber rag and a neutral PH soap.