

PLANTERS UNLIMITED

WEATHERED & POWDER COATED STEEL

PLANTERS / WALLS GUIDE SPECIFICATIONS (Section 129300 Site Furnishings)

1.0 GENERAL

1.1 SCOPE OF WORK INCLUDED

- A. Provision of steel planters or wall sections

1.2 RELATED WORK

- A. Section 033000 Cast-in-Place concrete
- B. Section 061000 Rough Carpentry
- C. Section 062000 Finish Carpentry

1.3 SUBMITTALS

- A. Provide samples for confirmation of color selection.
- B. Provide manufacturer's fabrication drawings detailing dimensions of all products.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Items are packed individually separately from other items to allow for protected transport to the install site.
- B. Note any damage to exterior of packaging before accepting shipment. Carefully unwrap and inspect all products upon delivery.
- C. Protect all products from damage during storage and handling.
- D. Store planters and furnishings in a protected environment. Do not place other items on planters or furnishings.

1.5 PROJECT CONDITIONS

- A. Contractor to provide adequate structural support for planters and wall sections. Unless otherwise specified, all items should have continuous basal support. If elevating on intermittent pedestals additional reinforcing may be required.
- B. Protect units from damage by adjacent work and during installation.
- C. Plant selections must be made ensuring expected mature root ball size does not exceed the capacity of the planter.

2.0 PRODUCTS

2.1 ACCEPTABLE PRODUCTS/MANUFACTURERS

A. Modern Steel Planters & Modwall Steel Wall Sections, manufactured by Planters Unlimited
6056 Corte Del Cedro, Carlsbad, CA 92011, 888-320-0626, sales@plantersunlimited.com

2.2 METAL PLANTERS AND WALL SECTIONS

A. Materials -

1. Weathering Steel Planters & Wall Sections– ASTM A606 11 ga. (0.126”) sheet, formed and welded. Heavier gauges used as needed at large scales. Wall reinforcement elements of same material attached as required.
2. Powdercoated Carbon Steel Planters & Wall Sections – Body ASTM A1011 hot rolled commercial carbon steel sheet, formed and welded. Wall reinforcement elements of same material attached as required.
3. Internal Sealer - Zinc Rich Epoxy Primer Internal Seal & Waterproofing
4. Fiberglass Pads – Metal Planters (Both Weathering & Powdercoated Steel) include 1/8” Fiberglass Pads to protect the ground from gouges during installation & maintenance.

B. Construction –

1. Planter & Wall Section bodies to be formed and fully welded at vertical seams.
2. Top Trim - Top lips, where applicable, to be press broke, seam welded. Lips on powdercoated carbon steel planters ground to smooth.
3. Floor Attachment - Wall Sections to be Floor fastened water-tight to body. Planters to be fastened through fiberglass pads. Either may be fastened with 2” toe-kick/reveal, or flush to bottom.
4. Drainage - Planters delivered with 1” drain holes unless specified otherwise.
5. Conduit holes - Provided near the wall of Modwall’s allowing you to run electrical conduit / irrigation / drainage lines without impeding roots.
6. Attachment Hardware - All attachment hardware for Modwall Wall Sections is provided and Stainless Steel.

C. Performance Characteristics –

1. Vertical wall panels will not deform more than L/200 when loaded with 90 lbs/cu ft. soil media.

D. Finish –

1. Weathering / Corten Steel –
 - a. Unless otherwise specified, weathering steel planters finished to mill specification.

2. Powder Coated Carbon steel –

- a. Garnet Sandblasting prior to the coating application for maximum adhesion. Sandblasting cleans the metal & removes any corrosion.
- b. Corrosion-resistant zinc epoxy primer undercoat applied, 1-2mils thick.
- c. Protective powder coat applied, TGIC Polyester, minimum 4 mils thick.
- d. Following application, parts shall be baked until properly cured.

E. Sizes:

1. Units are fabricated to order based on size. Sizes under 10'Lx4'H do not incur an oversize charge.

Section 2.3 – Accessories

- A. Planters Only
 1. Casters
 2. Forklift Knockouts
 3. Trellis & Trellis Attachment Systems
 4. False Bottoms & Removable Liners
 5. Waterproofing
 6. Bio-retention
- B. Planters & Wall Sections
 1. Water Reservoirs
 2. Toe Kick / Toe Kick Lighting
 3. Integrated Benches & Seating
 4. Accessory Cutouts
 5. Sloped Bottoms / Tops
 6. Freestanding or Anchored
 7. Radius Curves

3.0 EXECUTION

3.1 PREPARATION

- A. Prior to the start of production, site measurements should be verified by an authorized contractor.
- B. Transport and handle product with care so that excessive stresses or impacts do not occur.
- C. Store product on a level surface with continuous basal support.
- D. Plan for delivery labor appropriate to your product weight and delivery site. If a forklift is not available, it may require several laborers to unload large items.
- E. Consider limited access issues moving 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 common.

3.2 INSTALLATION & CARE

A. Install product level with adequate drainage. Specific installation instructions per product available on request.

B. Provide shims where necessary.

3.3 PROTECTION

A. Protect installed products to ensure that they will not be damaged by construction dust or debris.