

**SECTION 099113  
EXTERIOR PAINTING**

**PART 1 GENERAL**

**NOTE TO DESIGN TEAM: COORDINATE CAMPUS COLOR SCHEMES WITH DISTRICT**

**1.01 SECTION INCLUDES**

- A. Surface preparation.
- B. Field application of paints.
- C. Scope: Finish exterior surfaces exposed to view, unless fully factory-finished and unless otherwise indicated, including the following:
- D. Do Not Paint or Finish the Following Items:
  - 1. Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished.
  - 2. Items indicated to receive other finishes.
  - 3. Items indicated to remain unfinished.
  - 4. Fire rating labels, equipment serial number and capacity labels, and operating parts of equipment.
  - 5. Existing galvanized steel, stainless steel, anodized aluminum, bronze, terne-coated stainless steel, zinc, and lead.
  - 6. Floors, unless specifically indicated.
  - 7. Glass.
  - 8. Concealed pipes, ducts, and conduits.

**1.02 REFERENCE STANDARDS**

- A. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual Current Edition.
- B. SSPC-SP 1 - Solvent Cleaning 2015, with Editorial Revision (2016).
- C. SSPC-SP 6 - Commercial Blast Cleaning 2007.

**1.03 SUBMITTALS**

- A. Product Data: Provide complete list of products to be used, with the following information for each:
  - 1. Manufacturer's name, product name and/or catalog number, and general product category (e.g. "alkyd enamel").
  - 2. MPI product number (e.g. MPI #47).
  - 3. Cross-reference to specified paint system(s) product is to be used in; include description of each system.
  - 4. Manufacturer's installation instructions.
- B. Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches (216 by 279 mm) in size, illustrating range of colors available for each finishing product specified.
  - 1. Where sheen is specified, submit samples in only that sheen.
  - 2. Where sheen is not specified, submit each color in each sheen available.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Provide paints and finishes from the same manufacturer to the greatest extent possible.
- B. Paints:
  - 1. Base Manufacturer: Vista Paint or approved equal.

**2.02 PAINTS AND FINISHES - GENERAL**

- A. Paints and Finishes: Ready-mixed, unless required to be a field-catalyzed paint.

1. Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
2. Supply each paint material in quantity required to complete entire project's work from a single production run.
3. Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is described explicitly in manufacturer's product instructions.

## **2.03 PAINT SYSTEMS - EXTERIOR**

- A. Exterior New Wood, Opaque Light Colors, Acrylic Polyurethane, 3 Coat:
  1. One coat of Vista Terminator II 4200 primer sealer.
  2. Two coats of Vista Protec 5740 acrylic polyurethane, semi-gloss.
- B. Exterior New Wood, Opaque Dark Colors, Acrylic Polyurethane, 3 Coat:
  1. One coat of [Vista Terminator II 4200] primer sealer.
  2. Two coats of Vista Polytec DTM 8740 acrylic polyurethane, semi-gloss.
- C. Exterior Existing Wood (previously painted), Opaque Light Colors, Acrylic Polyurethane, 2 Coat:
  1. Two coats of Vista Protec 5740 acrylic polyurethane, semi-gloss.
- D. Exterior Existing Wood (previously painted), Opaque Dark Colors, Acrylic Polyurethane, 2 Coat:
  1. Two coats of Vista Polytec DTM 8740 acrylic polyurethane, semi-gloss.
- E. Exterior New Concrete masonry, Acrylic, 3 Coat:
  1. One coat Vista Uniprime II 4600.
  2. Two coats of Vista Acribond 3000 acrylic, flat.
- F. Exterior Existing Concrete masonry, Acrylic, 2 Coat:
  1. Two coats of Vista Acribond 3000 acrylic, flat.
- G. Exterior New Cement Plaster, Acrylic, 3 Coat:
  1. One coat Vista Carefree Prime-ZALL.
  2. Two coats of Vista 5300 V\_PRO 5000 acrylic, eggshell.
- H. Exterior Existing Cement Plaster, Acrylic, 2 Coat:
  1. Two coats of Vista 5300 V\_PRO 5000 acrylic, eggshell..
- I. Exterior Unfinished Metals, Alkyd, 3 Coat:
  1. One coat of Vista 8600 Polytec primer.
  2. Two coats of Vista Protec 9800 Alkyd Emulsion, semi-gloss.
- J. Exterior Previously Finished Metals, Alkyd, 2 Coat:
  1. Two coats of Vista Protec 9800 Alkyd Emulsion, semi-gloss.
- K. Exterior Galvanized Metals, Alkyd, 3 Coat:
  1. One coat of Vista 8600 Polytec primer.
  2. Two coats of Vista Protec 9800 Alkyd Emulsion, semi-gloss.
- L. Paint E-Pav - Pavement Marking Paint:
  1. Yellow: One coat, with reflective particles.
  2. White: One coat, with reflective particles.

## **PART 3 EXECUTION**

### **3.01 PREPARATION**

- A. Clean surfaces thoroughly and correct defects prior to application.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces for finishing.
- D. Seal surfaces that might cause bleed through or staining of topcoat.

- E. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
- F. Masonry:
  - 1. Remove efflorescence and chalk. Do not coat surfaces if moisture content or alkalinity of surfaces or if alkalinity of mortar joints exceed that permitted in manufacturer's written instructions. Allow to dry.
  - 2. Prepare surface as recommended by top coat manufacturer.
- G. Exterior Plaster: Fill hairline cracks, small holes, and imperfections with exterior patching plaster. Make smooth and flush with adjacent surfaces. Wash and neutralize high alkali surfaces.
- H. Galvanized Surfaces:
  - 1. Remove surface contamination and oils and wash with solvent according to SSPC-SP 1.
- I. Ferrous Metal:
  - 1. Solvent clean according to SSPC-SP 1.
  - 2. Shop-Primed Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Re-prime entire shop-primed item.
  - 3. Remove rust, loose mill scale, and other foreign substances using methods recommended in writing by paint manufacturer and blast cleaning according to SSPC-SP 6 "Commercial Blast Cleaning". Protect from corrosion until coated.
- J. Exterior Wood Surfaces to Receive Opaque Finish: Remove dust, grit, and foreign matter. Seal knots, pitch streaks, and sappy sections. Fill nail holes with tinted exterior calking compound after prime coat has been applied. Back prime concealed surfaces before installation.
- K. Metal Doors to be Painted: Prime metal door top and bottom edge surfaces.

### **3.02 APPLICATION**

- A. Exterior Wood to Receive Opaque Finish: If final painting must be delayed more than 2 weeks after installation of woodwork, apply primer within 2 weeks and final coating within 4 weeks.
- B. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
- C. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- D. Apply each coat to uniform appearance.
- E. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
- F. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

**END OF SECTION**