1. Section 099113   
   Exterior Painting
   1. PART 1  GENERAL
      1. SECTION INCLUDES
         1. Surface preparation.
         2. Field application of paints.
         3. Scope:  Finish exterior surfaces exposed to view, unless fully factory-finished and unless otherwise indicated, including the following:
         4. 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. Non-metallic roofing and flashing.
            6. Floors, unless specifically indicated.
            7. Ceramic and other types of tiles.
            8. Brick, glass unit masonry, architectural concrete, cast stone, integrally colored plaster and stucco.
            9. Exterior insulation and finish system (EIFS).
            10. Glass.
            11. Concealed pipes, ducts, and conduits.
      2. REFERENCE STANDARDS
         1. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual; Current Edition.
      3. SUBMITTALS
         1. See Section 013000 - Administrative Requirements, for submittal procedures.
         2. Samples:  Submit ​two​ paper chip samples, ​2 x 2 inch​ in size illustrating range of colors​ and textures​ available for each surface finishing product scheduled.
   2. PART 2  PRODUCTS
      1. MANUFACTURERS
         1. Provide paints and finishes used in any individual system from the same manufacturer; no exceptions.
      2. PAINTS AND FINISHES - GENERAL
         1. 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. Colors:  To be selected from manufacturer's full range of available colors.
            1. Selection to be made by Architect after award of contract.
      3. PAINT SYSTEMS - EXTERIOR
         1. Paint E-OP - Exterior Surfaces to be Painted, Unless Otherwise Indicated:  Including concrete, concrete masonry units, brick, fiber cement siding, primed wood, and primed metal.
            1. Two top coats and one coat primer.
            2. Top Coat(s):  Exterior Latex, High Performance Architectural; MPI #311 or 315.
            3. Top Coat Sheen:

Velvet:  MPI gloss level 2; use this sheen at all locations.

* 1. PART 3  EXECUTION
     1. PREPARATION
        1. Clean surfaces thoroughly and correct defects prior to application.
        2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
        3. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces for finishing.
        4. Seal surfaces that might cause bleed through or staining of topcoat.
        5. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
        6. Concrete:
        7. Masonry:
        8. Fiber Cement Siding:  Remove dirt, dust and other foreign matter with a stiff fiber brush. Do not coat surfaces if moisture content or alkalinity of surfaces to be coated exceeds that permitted in manufacturer's written instructions.
        9. 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.
     2. APPLICATION
        1. 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.
        2. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
        3. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
        4. Apply each coat to uniform appearance.
        5. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
        6. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

1. END OF SECTION