1. Section 099123   
   Interior Painting
   1. PART 1  GENERAL
      1. SECTION INCLUDES
         1. Surface preparation.
         2. Field application of paints.
         3. Scope:  Finish interior surfaces exposed to view, unless fully factory-finished and unless otherwise indicated.
         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, bar code labels, and operating parts of equipment.
            5. Stainless steel, anodized aluminum, bronze, terne-coated stainless steel, and lead items.
            6. Marble, granite, slate, and other natural stones.
            7. Floors, unless specifically indicated.
            8. Ceramic and other tiles.
            9. Glass.
            10. Acoustical materials, unless specifically indicated.
            11. Concealed pipes, ducts, and conduits.
      2. REFERENCE STANDARDS
         1. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual; Current Edition.
         2. SSPC-SP 1 - Solvent Cleaning; 2015, with Editorial Revision (2016).
         3. SSPC-SP 6/NACE No.3 - Commercial Blast Cleaning; 2006.
      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 intended 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 specifically described in manufacturer's product instructions.
      3. PAINT SYSTEMS - INTERIOR
         1. Paint I-OP -  Interior Surfaces to be Painted, Unless Otherwise Indicated:  Including gypsum board, concrete, concrete masonry units, brick, wood, plaster, uncoated steel, shop primed steel, galvanized steel, aluminum, and acoustical ceilings.
            1. Two top coats and one coat primer.
            2. Top Coat Sheen:

Eggshell:  MPI gloss level 3; use this sheen at all locations.

* + - 1. Paint I-OP-MD-DT -  Medium Duty Door/Trim:  For surfaces subject to frequent contact by occupants, including metals and wood:
         1. Two top coats and one coat primer.
         2. Top Coat Sheen:

Semi-Gloss:  MPI gloss level 5; use this sheen at all locations.

* + - * 1. Primer:  As recommended by top coat manufacturer for specific substrate.
  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 or finishing.
        4. Seal surfaces that might cause bleed through or staining of topcoat.
        5. Concrete:
        6. Masonry:
        7. Gypsum Board:  Fill minor defects with filler compound. Spot prime defects after repair.
        8. Plaster:  Fill hairline cracks, small holes, and imperfections with latex patching plaster. Make smooth and flush with adjacent surfaces. Wash and neutralize high-alkali surfaces.
        9. Aluminum:  Remove surface contamination and oils and wash with solvent according to SSPC-SP 1.
        10. Galvanized Surfaces:
        11. 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 in accordance with SSPC-SP 6/NACE No.3. Protect from corrosion until coated.
        12. Wood Surfaces to Receive Opaque Finish:  Wipe off dust and grit prior to priming. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats. Back prime concealed surfaces before installation.
     2. APPLICATION
        1. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
        2. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
        3. Apply each coat to uniform appearance in thicknesses specified by manufacturer.
        4. Sand wood and metal surfaces lightly between coats to achieve required finish.
        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

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