

SECTION 099123 - INTERIOR PAINTING

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes surface preparation and the application of paint systems on interior substrates.
 - 1. Steel.
 - 2. Wood.
 - 3. Gypsum board.

1.02 BUY AMERICAN REQUIREMENTS

- A. Provide certificates to show that all products meet the following requirements.
 - 1. American Iron and Steel (AIS)
 - 2. Build America, Buy America Act

1.03 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.

PART 2 - PRODUCTS

2.01 PAINT, GENERAL

- A. Basis-of-Design Product: Subject to compliance to requirements, provide products by Sherwin-Williams, or a comparable product by one of the following:
 - 1. Benjamin-Moore.
 - 2. PPG Architectural Coatings Inc.
 - 3. Devoe Coatings.
 - 4. Preapproved equal.
- B. VOC Content: Products shall comply with VOC limits of authorities having jurisdiction.
 - 1. Flat Paints and Coatings: 50 g/L.
 - 2. Nonflat Paints and Coatings: 150 g/L.
 - 3. Dry-Fog Coatings: 400 g/L.
 - 4. Primers, Sealers, and Undercoaters: 200 g/L.
 - 5. Anticorrosive and Antirust Paints Applied to Ferrous Metals: 250 g/L.
 - 6. Zinc-Rich Industrial Maintenance Primers: 340 g/L.
 - 7. Pretreatment Wash Primers: 420 g/L.
 - 8. Floor Coatings: 100 g/L.
- C. Colors: As indicated in a color schedule.

PART 3 - PRODUCTS

3.01 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
 - 1. Wood: 15 percent.
 - 2. Gypsum Board: 12 percent.
 - 3. Plaster: 12 percent.
- C. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.
- D. Proceed with coating application only after unsatisfactory conditions have been corrected.
 - 1. Application of coating indicates acceptance of surfaces and conditions.

3.02 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Manual" applicable to substrates indicated.
- B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
- C. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.
- D. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.

3.03 APPLICATION

- A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."
- B. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

3.04 CLEANING AND PROTECTION

- A. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by ENGINEER's Consultant, and leave in an undamaged condition.
- B. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.05 INTERIOR PAINTING SCHEDULE

- A. Low VOC, Alkyd Enamel Paint: Locations as indicated.
 - 1. Prime Coat: Sherwin Williams, primer suitable for substrate and topcoat.
 - 2. Intermediate Coat: Matching topcoat.
 - 3. Topcoat: Sherwin Williams, ProMar® 200, Interior Waterbased Acrylic-Alkyd, Eg-Shel.
- B. Concrete Sealer for Concrete Floors where indicated by the Room Finish Schedule:
- C. Non-structural Steel Substrates: Includes, but not limited to, metal ladders, metal stairs and handrails, metal doors, metal door frames, metal lite frames, metal access doors and frames regardless of locations, and electrical panels in normally occupied rooms. For hollow metal exterior doors and frames see Division 09 Section "Exterior Painting".
 - 1. Shop Prime Coat: Manufacturer's standard.
 - 2. Field Prime Coat: Sherwin Williams, Kem Kromik® Universal Metal Primer.
 - 3. Intermediate Coat: Matching topcoat.
 - 4. Topcoat: Sherwin Williams, Pro Industrial Multi-Surface Acrylic Eg-Shel.
- D. Structural Steel Substrates, Exposed.
 - 1. Field Prime Coat: Sherwin Williams, Pro-Cryl®, Universal Primer, B66-310 Series.
 - 2. Intermediate Coat: Matching topcoat.
 - 3. Topcoat: Sherwin Williams, Pro Industrial Multi-Surface Acrylic, B66-xxx Series, Eg-Shel.
- E. Gypsum Board Substrates: Walls.
 - 1. Prime Coat: Sherwin Williams, ProMar® 200 Primer.
 - 2. Intermediate Coat: Matching topcoat.
 - 3. Topcoat: Sherwin Williams, ProMar® 200 Zero VOC Interior Latex Semi-Gloss.

3.06 INTERIOR PAINT COLOR SCHEDULE

- A. As selected by owner.

END OF SECTION

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