SECTION 09901 – PAINTING

PART 1 – GENERAL

1.01 RELATED SECTIONS

The General Provisions of the contract, including the General Provisions for Construction Projects (2016), Special Provisions, and General Requirements of the Specifications, apply to the work specified in this section.

1.02 SUMMARY

A. This Section includes surface preparation and field painting of all new surfaces.

1. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified in other Sections.

B. Paint exposed surfaces, except where these Specifications indicate that the surface or material is not to be painted or is to remain natural. If an item or a surface is not specifically mentioned, paint the item or surface the same as similar adjacent materials or surfaces. The Engineer will select the colors from standard colors and finishes available.

1. Interior and exterior surfaces scheduled to be finished.

2. Non Ferrous metals, plated or factory finished items specifically noted to be painted or when such items occur as accessories and appurtenance to surfaces required to be painted.

3. Pipes, conduit, ducts, support apparatus and other exposed items in areas to be painted.

C. Surfaces not to be finished, unless otherwise indicated.

1. Concrete floors, paving walks stairs and textured concrete. Other concrete surfaces scheduled not to be painted.

2. Finish hardware, unless prime coated.

3. Glass, plastic laminate, and ceramic tile.

4. Plumbing and lighting fixtures, and electrical device plates.

D. Do not paint prefinished items, finished metal surfaces, operating parts, and labels.

1. Prefinished items include the following factory-finished components:

a. Light fixtures.

2. Finished metal surfaces include the following:
a. Anodized aluminum.

b. Stainless steel.

c. Chromium plate.

d. Copper and copper alloys.

e. Bronze and brass.

3. Labels: Do not paint over UL, FMG, or other code-required labels or equipment name, identification, performance rating, or nomenclature plates.

1.03 REFERENCES

A. ASTM D16 - Definition of terms relating to Paint, Varnish, Lacquer and Related Products.

B. ASTM D2016 - Test Method for Moisture Content of Wood.

C. MPI (Master Painter's Institute) - Approved Product List.

D. PCDA (Painting and Decorating Contractors of America - Painting – Architectural Specification Manual.

E. PCA (Portland Cement Association) - Painting Concrete.

F. SSPC (Steel Structures Painting Council - Steel Structures Painting Manual)

1.04 DEFINITIONS

General: Standard coating terms defined in ASTM D 16 apply to this Section.

1.05 SUBMITTALS

A. Product Data:

1. Materials List: Provide an inclusive list of required patching and coating materials. Indicate each material and cross-reference specific coating, finish system, and application. Identify each material by manufacturer's catalog number and general classification.

a. For products with premixed colors, provide manufacturer's standard color chips for selection by Engineer.

2. Manufacturer's Information: Provide data on all listed materials, including:

a. Thinning and mixing instructions

b. Application instructions and required mil film thicknesses.

c. Manufacturer's Material Safety Data Sheets.

B. Certifications: Provide a letter certifying paints and coatings are free of asbestos, lead, zinc-chromate, strontium chromate, cadmium, mercury, and other EPA regulated and hazardous materials. Provide a letter certifying the amounts of mildewcide added by both the paint manufacturer and paint supplier.

C. Schedule of Finishes: Provide finish schedule including paint spread rates required to achieve final dry film thickness indicated in the schedule.

D. Samples:

1. It is the intent for all painting required in the section to match the existing adjoining painted surfaces as close as possible in color and finish. Provide sample brush outs for Architect review and acceptance.

E. Manufacturer's Instructions: Indicate special surface preparation procedures, and substrate conditions requiring special attention. Refer to Paragraph 3.01, Examination.

1.06 QUALITY ASSURANCE

A. Applicator Qualifications: A firm or individual experienced in applying paints and coatings similar in material, design, and extent to those indicated for this Project, whose work has resulted in applications with a record of successful in-service performance.

B. Source Limitations: All block fillers and primers for each coating system shall be

from the same manufacturer as the finish coats or as approved by the manufacturer for use with the finish coats.

1.07 REGULATORY REQUIREMENTS

Comply with State OSHL (Occupational Safety and Health Law), DOE and pollution control regulations of the State Department of Health and EPA.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to Project site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label and the following information:

1. Product name or title of material.

2. Product description (generic classification or binder type).

3. Manufacturer's brand name and lot number and date of manufacture.

4. Contents by volume, for pigment and vehicle constituents.

5. Thinning instructions.

6. Application instructions and coverage.

7. Color name and number.

8. VOC content.

B. Storage

1. Non-flammable Materials: Store materials not in use in tightly covered containers in a well-ventilated area. Maintain storage containers in a clean condition, free of foreign materials and residue.

2. Flammable Materials:

a. Store in such a manner as to prevent damage. No paint material, empty cans, paint brushes and rollers may be stored in the building(s). Store these items in separate storage facilities away from the building(s). Contractor may furnish a separate job site storage structure if the structure complies with the requirements of the local Fire Department. Keep the storage area shall clean. Lock any storage structures when not in use or when no visual supervision is possible.

b. All rejected materials shall be removed from the job site immediately.

1.09 PROJECT CONDITIONS

A. Do not apply materials when surfaces and ambient temperatures are outside the ranges required by the paint product manufacturer. Do not apply exterior coatings during rain or when relative humidity is outside the humidity ranges required by the paint product manufacturer.

B. Protect public, pedestrians and tenants from injury. Provide, erect and maintain safety barricades around scaffolds, hoists and where construction operations create hazardous conditions.

C. Completed Work: Provide necessary protection for wet paint surfaces.

D. Protective Covering and Enclosures: Provide and install clean sanitary drop cloth or plastic sheets to protect furniture, equipment, floor and other areas that are not scheduled for treatment. Remove any paint applied to surfaces not scheduled for treatment.

E. Fire Safety: Contractor and its employees shall not smoke in the vicinity of the paint storage area. Exercise precautions against fire at all times and remove waste rags, plastic (polyester sheets), empty cans, etc. from the site at the end of each day.

F. Safeguarding Property: Safeguard the work and also the property of the State and other individuals in the vicinity of Contractor's work. Make good on any damages and for losses to work or property caused by Contractor or its employee's negligence. Where damaged property cannot be cleaned and restored to its original condition (i.e. prior to being damaged) replace it with a new product of equal quality. No prorating or use of "used" products will be permitted.

1.10 WARRANTY

Provide a two year guarantee that the work performed under this section conforms to the contract requirements and is free of any defect of material or workmanship. Contractors Surety shall not be held liable beyond 2 years from project acceptance date.

PART 2 – PRODUCTS

2.01 Manufacturers: Standard of Quality based on Sherwin Williams. Substituted MPI approved products shall meet or exceed performance standards based on the products specified

Acceptable Manufactures: Benjamin Moore and PPG or Approved equal.

2.02 PAINT MATERIALS, GENERAL

A. Material Compatibility: Provide block fillers, primers, and finish-coat materials that are compatible with one another and with the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Mildewcide

1. Except for metal primers, provide primer and finish coats with suitable chemical mildewcide to the maximum amount of mildewcide per gallon of paint permitted by the mildewcide manufacturer without adversely affecting the quality of the paint, but not less than one ounce per gallon.

C. Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified that are factory formulated and recommended by manufacturer for application indicated. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

1. Proprietary Names: Use of manufacturer's proprietary product names in the Paint Systems Schedule in Part 3 below to designate colors or materials, is not intended to imply that products named are required to be used to the exclusion of equivalent products of other manufacturers. Furnish manufacturer's material data and certificates of performance for proposed products to be used.

2. Equivalency: Equivalent products to the specified products are listed in the Master Painter's Institute's "Architectural Painting Specification Manual."

3. Substitution: Requests for substitution of a product or product if a manufacturer is not on the "Approved Product List" will be evaluated for equivalency based on product test results per the test criteria of the Master Painter's Institute.

D. Colors: Paint colors shall match the existing as close as possible.

E. EPA Regulated and Hazard Materials: Do not use paint or paint products containing lead, mercury, zinc chromates, strontium-chromate, cadmium, crystalline silica, or the EPA regulated or hazard materials.

2.03 MISCELLANEOUS MATERIALS

A. Provide patching and repair materials. Compatible with paint finishes and substrates. Use weather resistant materials for exterior surfaces and surfaces exposed to moisture.

B. Accessories

1. General: Provide other materials not specifically indicated but required to achieve the finishes specified, of commercial quality.

2. Thinners: Thinning of paint shall be done using material recommended by the manufacturer. Mix proprietary products according to manufacturer's requirements. Do not use compound thinner, mineral oil, kerosene, refined linseed oil, or gasoline for thinning.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine substrates, areas, and conditions, with Applicator present, for compliance with requirements for paint application. Comply with procedures specified in PDCA P4.

1. Proceed with paint application only after unsatisfactory conditions have been corrected and surfaces receiving paint are thoroughly dry.

a. Ensure that concrete and masonry surfaces are cured and dried to meet paint manufacturer's recommendations.

2. Start of painting will be construed as Applicator’s acceptance of surfaces and conditions within a particular area.

B. Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.

1. Notify Engineer about anticipated problems when using the materials specified over substrates primed by others.

3.02 PREPARATION

A. General: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of size or weight of the item, provide surface-applied protection before surface preparation and painting.

1. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.

B. Cleaning: Before applying paint or other surface treatments, clean substrates of substances that could impair bond of the various coatings. Remove dust, oil and grease before cleaning.

1. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

C. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.

1. Provide barrier coats over incompatible primers or remove and reprime.

D. Surface Preparation Cementitious Materials: Prepare concrete, concrete unit masonry, cement plaster, and mineral-fiber-reinforced cement panel surfaces to be painted. Remove efflorescence, chalk, dust, dirt, grease, oils, and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods of surface preparation.

1. Use abrasive blast-cleaning methods if recommended by paint manufacturer.

2. Determine alkalinity and moisture content of surfaces by performing appropriate tests. Submit test results to Engineer.

a. Prior to painting, concrete and masonry surfaces shall be allowed to cure and dry in accordance with the paint manufacturer's instructions and recommendations.

b. Efflorescence and laitance shall be removed from the surface.

c. Prior to paint application, interior and exterior concrete and masonry (including grout joints) scheduled to receive paint shall be tested to determine the alkalinity level of the surface. Testing shall be performed in strict accordance with the test kit manufacturer's instructions. Submit test results to the Contracting Officer.

d. Where the alkalinity level exceeds the pH level limit of the primer take one of the following three remedies at no additional cost to the State:

i. If new concrete or masonry, wait until alkaline level has dropped below the limit.

ii. Substitute a primer that is able to resist the measured alkalinity and that is compatible with the paint finish. Alkyd based primers and top-coats or epoxy ester primers shall not be used. Submit the substitute primer to the Engineer for review.

iii. Neutralize the surface in accordance with the primer manufacturer's instructions to reduce the alkaline level. However, acid washing is not permitted where the surface has been finished with a cementitious coating.

3. Clean concrete floors to be painted with a 5 percent solution of muriatic acid or other etching cleaner. Flush the floor with clean water to remove acid, neutralize with ammonia, rinse, allow to dry, and vacuum before painting.

E. Surface Preparation Wood: Clean surfaces of dirt, oil, and other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sand surfaces exposed to view smooth, ease all edges, and dust off.

1. Scrape and clean small, dry, seasoned knots, and apply a thin coat of white shellac or other recommended knot sealer before applying primer. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood filler. Sand smooth when dried.

2. Prime, stain, or seal wood to be painted immediately on delivery. Prime edges, ends, faces, undersides, and back sides of wood, including cabinets, counters, cases, and paneling.

3. If transparent finish is required, backprime with spar varnish.

4. Backprime paneling on interior partitions where masonry, plaster, or other wet wall construction occurs on back side.

5. Seal tops, bottoms, and cutouts of unprimed wood doors with a heavy coat of varnish or sealer immediately on delivery.

F. Surface Preparation Ferrous Metals: Clean ungalvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with SSPC's recommendations.

1. Blast steel surfaces clean as recommended by paint system manufacturer.

2. Treat bare and sandblasted or pickled clean metal with a metal treatment wash coat before priming.

3. Touch up bare areas and shop-applied prime coats that have been damaged. Wire-brush, clean with solvents recommended by paint manufacturer, and touch up with same primer as the shop coat. Spot priming specified here shall be in addition to full prime painting scheduled in Part 3 below.

G. Surface Preparation Galvanized Surfaces: Clean galvanized surfaces with nonpetroleum-based solvents so surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.

H. Surface Preparation Copper Surfaces:

1. Copper Surfaces Scheduled for Paint Finish: Remove contamination by steam, high pressure wash, or solvent clean. Apply vinyl etch primer immediately following cleaning.

2. Copper surfaces scheduled for Natural Oxidized Finish: Remove contamination by applying oxidizing solution of copper acetate and ammonium chloride in acetic acid. Rub on repeatedly for required effect. Once attained, rinse surface with clear water and allow to dry.

I. Material Preparation: Mix and prepare paint materials according to manufacturer's written instructions.

1. Maintain containers used in mixing and applying paint in a clean condition, free of foreign materials and residue.

2. Stir material before application to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into material. If necessary, remove surface film and strain material before using.

3. Use only thinners approved by paint manufacturer and only within recommended limits.

J. Tinting: Tint each undercoat a lighter shade to simplify identification of each coat when multiple coats of same material are applied. Tint undercoats to match the color of the finish coat, but provide sufficient differences in shade of undercoats to distinguish each separate coat.

3.03 APPLICATION

A. General: Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied.

1. Paint colors, surface treatments, and finishes are indicated in the paint schedules.

2. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable paint film.

3. Provide finish coats that are compatible with primers used.

4. The term “exposed surfaces” includes areas visible when permanent or built-in fixtures, grilles, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.

5. Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only unless otherwise noted.

6. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.

7. Finish exterior doors on tops, bottoms, and side edges the same as exterior faces.

8. Finish interior of wall and base cabinets and similar field-finished casework to match exterior.

9. Sand lightly between each succeeding enamel or varnish coat.

10. Ensure primers are top coated within the times required by the paint manufacturers. Top coats not applied within the recoating window may be rejected.

B. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.

1. The number of coats and film thickness required are the same regardless of application method. Do not apply succeeding coats until previous coat has cured as recommended by manufacturer. If sanding is required to produce a smooth, even surface according to manufacturer’s written instructions, sand between applications.

2. If undercoats, stains, or other conditions show through final coat of paint, apply additional coats until paint film is of uniform finish, color, and appearance. Give special attention to ensure that edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.

3. Allow sufficient time between successive coats to permit proper drying. Do not recoat surfaces until paint has dried to where it feels firm, and does not deform or feel sticky under moderate thumb pressure, and until application of another coat of paint does not cause undercoat to lift or lose adhesion.

C. Application Procedures: Apply paints and coatings by brush or roller only.

1. Brushes: Use brushes best suited for type of material applied. Use brush of appropriate size for surface or item being painted.

2. Rollers: Use rollers of carpet, velvet-back, or high-pile sheep's wool as recommended by manufacturer for material and texture required.

D. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate to achieve dry film thickness indicated. Provide total dry film thickness of the entire system as recommended by manufacturer.

E. Mechanical and Electrical Work: Painting of mechanical and electrical work is limited to items exposed in equipment rooms and occupied spaces.

F . Block Fillers: Apply block fillers to concrete masonry block at a rate to ensure complete coverage with pores filled.

G. Prime Coats: Before applying finish coats, apply a prime coat, as recommended by manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn-through or other defects due to insufficient sealing.

H. Pigmented (Opaque) Finishes: Completely cover surfaces as necessary to provide a smooth, opaque surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.

I. Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work not complying with requirements.

3.04 FIELD QUALITY CONTROL TESTING

A. Inspection and Approvals: If required by the Contracting Officer, obtain written approval upon completion of each phase of work (phases of work are: surface preparation and spot prime, prime, first finish coat, second finish coat) before proceeding into the next phase or work. For any particular area of work that deviates from the submitted work schedule, notify the Contracting Officer one day (24 hours minimum) in advance when completing any phase of work. Provide access to areas to be inspected.

1. Failure to obtain approval of any phase of work for a work area may result in redoing the operation at no cost to the State.

2. Right of Rejection: Non conforming work will be rejected by the Engineer. Remove rejected material from the job site immediately. Redo rejected work at no cost to the State.

B. Thickness Testing: The Engineer may require all paints and their applied thickness tested to determine compliance with the Contract Documents. The State will select a laboratory, and the cost of testing shall be borne by the Contractor.

1. Where the required paint thickness is deficient, provide additional coats to the affected surface(s) to meet the required paint thickness.

C. Moisture Testing: Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:

1. Plaster and Gypsum Wallboard: 12 percent.

2. Masonry, Concrete, and Concrete Unit Masonry: 12 percent.

3. Interior Wood: 15 percent, measured in accordance with ASTM D2016.

4. Exterior Wood: 15 percent, measured in accordance with ASTM D2016.

D. Alkalinity Testing: Measure pH Level of surface to be painted. Notify Engineer if alkalinity level is below the maximum permitted by the paint or primer manufacturer.

1. Tests shall be paid by Contractor.

E. Adhesion Testing:

1. Provide adhesion testing per ASTM D3759 Test B (x scratch peel test):

a. Test after each scheduled paint coat.

b. Should test fail, remove paint, prepare surface, then recoat and test again.

c. Testing shall be performed by a NACE certified inspector selected by the State. The cost of testing shall be borne by the Contractor.

F. Manufacturer's Field Services: The Painting Contractor shall be responsible to assure the presence of a qualified Technical Representative (approved by a responsible officer of the Material Manufacturer) at the job site prior to starting of the work and as require while the work is in progress. The Technical Representative shall provide assistance to the Painting Contractor in physical

demonstrations on the use of the materials and methods or techniques required to accomplish all of the work as specified herein.

1. A minimum two (2) visits will be required. The Technical Representative shall submit a detailed report simultaneously to the Engineer and a Responsible representative of the Painting Contractor and not to the on-site project manager or foremen. This report shall contain in detail the findings, conclusions and recommendations and shall be submitted during each visit. It is the intent of this provision to ensure that the on-site project manager or foreman does not have supervisory rights over the Technical Representative.

3.05 CLEANING

A. Cleanup: At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from Project site.

1. After completing painting, clean glass and paint-spattered surfaces. Remove spattered paint by washing and scraping without scratching or damaging adjacent finished surfaces.

3.06 PROTECTION

A. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Engineer.

B. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective wrappings provided by others to protect their work.

1. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces. Comply with procedures specified in PDCA P1.

3.07 EXTERIOR PAINT SCHEDULE

A. Concrete Unit Masonry: Provide the following finish systems over exterior concrete unit masonry:

1. Latex Semigloss Paint, MPI EXT 4.2A-G5

a. Block Filler: Concrete unit masonry block filler: MPI #4.
SW Loxon Acrylic Block Filler CF01

b. Intermediate and Topcoats: Exterior latex paint. MPI #11
SW Solo Int/Ext 100% Acrylic Semi Gloss K44

c. Finish Coat Gloss Level: semi-gloss.

B. Steel: Provide the following finish systems over exterior steel surfaces:

1. Pigmented Polyurethane, MPI EXT 5.1H-G6

a. Primer: MPI #101
SW Dura-Plate 235 Multi-Purpose Epoxy B67

b. Intermediate Coat: MPI #108
SW Macropoxy 646 Fast Cure Epoxy B58

c. Topcoat: MPI #72
SW Acrolon 218 HS Polyurethane B65

d. Finish Coat Gloss Level: semi-gloss

C. Galvanized Steel and Aluminum: Provide the following finish systems over exterior galvanized steel surfaces:

1. Waterborne Light Industrial Coating MPI EXT 5.4G-G5

a. Pretreatment: Solvent clean in accordance to SSPC SP1

b. Primer: MPI #134
SW DTM B66

c. Intermediate and Topcoat: MPI #163
SW All Surface Enamel HP Semi Gloss A41

d. Finish Coat Gloss Level: semi-gloss

D. PVC: Provide the following finish systems over PVC surfaces.

1. Waterborne Light Industrial Coating MPI EXT 6.8C-G5

a. Pretreatment: Solvent clean in accordance to SSPC SP1

b. Primer: MPI #17
SW Extreme Bond Primer B51 Series

c. Intermediate and Topcoat: MPI #163
SW All Surface Enamel HP Semi Gloss A41

d. Finish Coat Gloss Level: semi-gloss.

E. New Wood/Plywood Surfaces

1. Latex Gloss Paint, EXT 6.3A-G6

a. Alkyd primer: MPI 7, 1.5 mils DFT
SW Ext oil-based Wood Primer Y24

b. Intermediate and Topcoat: MPI 119,1.5 mils DFT
SW Pro Industrial DTM Acrylic Gloss B66

c. Finish Coat Gloss Level: Gloss

F. Misc. Metal, Steel &Copper

1. Water Based Acrylic, EXT

a. Primer: MPI 107
SW ProCryl Universal Metal Primer B66-310

b. Intermediate and Topcoat: MPI 119, 1.5 mils DFT
SW Pro Industrial DTM Acrylic Gloss B66

c. Finish Coat Gloss Level: Gloss

3.08 INTERIOR PAINT SCHEDULE

A. New Interior Steel Surfaces

1. Light Industrial Coating, INT 5.1B-G6/RIN 5.1B-G6

a. Spot primer: MPI 79, 2.3 mils DFT
SW Kem Kromic Universal Metal Primer B50

b. Intermediate and Topcoat: MPI 119, 1.5 mils DFT
SW Pro Industrial DTM Acrylic Gloss B66

B. New Interior Gypsum Board Surfaces

1. Latex INT 9.2A-G2/RIN 9.2A-G2

a. Primer: MPI 50, 1.0 mils DFT
SW ProMar 200 Zero Primer B28

b. Intermediate Coat: MPI 44, 1.5 mils DFT
ProMar 200 Zero HP B41

c. Topcoat: MPI 44, 1.5 mils DFT
SW ProMar 200 Zero HP B41

2. Latex Eggshell Finish, RIN 9.2A-G3

a. Primer: MPI 50, 1.0 mils DFT
SW ProMar 200 Zero Primer B28

b. Intermediate Coat: MPI 52, 1.3 mils DFT
SW ProMar 200 Zero HP B20

c. Topcoat: MPI 52, 1.3 mils DFT
SW ProMar 200 Zero HP B20

3. Latex Semigloss Finish, RIN 9.2A-G5

a. Primer: MPI 50, 1.0 mils DFT
SW ProMar 200 Zero Primer B28

b. Intermediate Coat: MPI 54, 1.5 mils DFT
SW Solo 100% Acryic SG A77

c. Topcoat: MPI 54, 1.5 mils DFT
SW Solo 100% Acryic SG A77

C. New Interior Wood and Plywood Surfaces

1. High Performance Architectural Latex Finish, INT 6.3A-G3/RIN 6.3A-G3

a. Alkyd Primer: MPI 45, 2.2 mils DFT
SW Extreme Block Stain Blocking Primer B49

b. Intermediate Coat: MPI 139, 3.5 mils DFT
SW ProMar 200 Zero HP B20

c. Topcoat: MPI 139, 3.5 mils DFT
SW ProMar 200 Zero HP B20

2. Latex Semigloss Finish, INT 6.4S-G5/RIN 6.4S-A-G5

a. Alkyd Primer: MPI 50, 2.2 mils DFT
SW Oil Base Wood Primer Y42

b. Intermediate Coat: MPI 146, 1.5 mils DFT
SW ProMar 200 Zero HP B31

c. Topcoat: MPI 146, 1.5 mils DFT
SW ProMar 200 Zero HP B31

3. Stained, Oil-Modified Polyurethane, INT 6.4E-G4/RIN 6.4E-G4

a. Stain: MPI 90, 1.0 mils DFT
SW Minwax 7150 Series

b. Intermediate Coat: MPI 57, 1.0 mils DFT
SW Minwax Polyurethane Clear 71028

c. Topcoat: MPI 57, 1.0 mils DFT
SW Minwax Polyurethane Clear 71028

d. Note: Sand between all
coats.

4. Wood Door, Pigmented Finish, INT 6.3B-G5/RIN 6.3B-G5

a. Primer: MPI 45, 2.2 mils DFT
SW Extreme Block Stain Blocking Primer B49

b. Intermediate Coat: MPI 153, 2.1 mils DFT
SW Pro Industrial Acrylic SG B66 Series

c. Topcoat: MPI 47, 2.1 mils DFT
SW Pro Industrial Acrylic SG B66 Series

PART 4 – MEASUREMENT AND PAYMENT

4.01 BASIS OF MEASUREMENT AND PAYMENT

A. Work under this section will not be measured nor paid for separately, but shall be considered incidental to and included in the price bid for the various items of work in this project.

END OF SECTION