Supreme SIPS, LLC

The Sherwin Williams Company

09900 Interior/Exterior Painting

Commercial Painting Schedule Guide

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 SECTION 099123 - PAINTING INTERIOR & EXTERIOR

Revise this Section by deleting and inserting text to meet Project-specific requirements.

This Section uses the term "Architect." Change this term to match that used to identify the design professional as defined in the General and Supplementary Conditions.

Verify that Section titles referenced in this Section are correct for this Project's Specifications; Section titles may have changed.

1. GENERAL
	* + 1. RELATED DOCUMENTS

Retain or delete this article in all Sections of Project Manual.

* + - * 1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
			1. SUMMARY
				1. Section includes surface preparation and the application of paint systems on [**interior substrates.**] [**the following interior substrates:**]

MgO Board

Delete "Samples for Initial Selection" Paragraph above if colors and other characteristics are preselected and specified or scheduled. Retain "Samples for Verification" Paragraph below with or without above.

MAINTENANCE MATERIAL SUBMITTALS

* + - 1. QUALITY ASSURANCE
				1. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

Architect will select one surface to represent surfaces and conditions for application of each paint system specified in Part 3.

Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft. (9 sq. m).

Other Items: Architect will designate items or areas required.

Final approval of color selections will be based on mockups.

If preliminary color selections are not approved, apply additional mockups of additional colors selected by Architect at no added cost to Owner.

Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.

Retain subparagraph below if the intention is to make an exception to the default requirement in Section 014000 "Quality Requirements" for demolishing and removing mockups.

Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

If necessary, insert special requirements for fire protection, heating, ventilation, and other conditions for storage areas on-site.

* + - 1. FIELD CONDITIONS
				1. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F (10 and 35 deg C).
				2. Do not apply paints when relative humidity exceeds 85 percent; at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.

Retain one of two "Lead Paint" paragraphs below for applicable renovation projects, or remove all references to lead paint. Coordinate statements with the General and Supplementary Conditions.

* + - * 1. Lead Paint: It is not expected that lead paint will be encountered in the Work.

Retain subparagraph below to cover instances where lead paint is unexpectedly found and must be remediated. See the General Conditions for additional requirements on lead paint.

If suspected lead paint is encountered, do not disturb; immediately notify Architect and Owner.

* + - * 1. Lead Paint: Lead paint [**is**] [**may be**] present in buildings and structures to be painted. A report on the presence of lead paint is on file for review and use. Examine report to become aware of locations where lead paint is present.

Retain first subparagraph below if preparation of surfaces known or suspected to include lead paint is part of the Work of this Contract. Consult a professional liability insurance carrier for current recommendations. Indemnification and a waiver of claims may be required from Owner as a condition for providing services related to lead paint remediation.

Do not disturb lead paint or items suspected of containing hazardous materials except under procedures specified.

Perform preparation for painting of substrates known to include lead paint in accordance with EPA Renovation, Repair and Painting Rule and additional requirements of authorities having jurisdiction.

1. PRODUCTS

Manufacturers and products listed in SpecAgent and Masterworks Paragraph Builder are neither recommended nor endorsed by the AIA or ARCOM. Before inserting names, verify that manufacturers and products listed there comply with requirements retained or revised in descriptions and are both available and suitable for the intended applications. For definitions of terms and requirements for Contractor's product selection, see Section 016000 "Product Requirements."

* + - 1. MANUFACTURERS
				1. Basis-of-Design Product: Subject to compliance with requirements, provide Sherwin-Williams Company ; products indicated:

Retain "Products" Paragraph below and insert lists of manufacturers and products in Interior Painting Schedule to require specific products or a comparable product from other manufacturers.

See lists of products currently approved by MPI in its "MPI Approved Products Lists." See "Writing Guide" Article in the Evaluations for further discussion.

* + - * 1. .

Manufacturer's designations listed on a separate color schedule are for color reference only and do not indicate prior approval.

* + - 1. PAINT, GENERAL
				1. Material Compatibility:

Systems could fail if paints used for individual coats are incompatible.

Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.

For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.

Retain option in "VOC Content" Paragraph below if required for LEED 2009 NC, CI, and CS Credit IEQ 4.2; coordinate with products.

1. EXECUTION
	* + 1. PREPARATION
				1. Comply with manufacturer's written instructions and recommendations applicable to substrates indicated.
				2. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.

Coordination of shop-applied prime coats with topcoats is critical.

Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.

* + - * 1. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."

If Project requires restricted application method (e.g., using only spray or rollers), revise first subparagraph below accordingly.

Use applicators and techniques suited for paint and substrate indicated.

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

Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.

Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.

Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers.

If tinting is not required, delete first paragraph below. Different tints show through as topcoat erodes.

* + - 1. FIELD QUALITY CONTROL
				1. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.

Contractor shall touch up and restore painted surfaces damaged by testing.

If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

* + - * 1. Painting Schedule Interior

**MgO Substrates: Commercial Grade Systems Interior Painting Schedule Options**

Latex System: Sheens Available

Prime Coat: Primer, latex, interior:

S-W PrepRite Problock Latex Primer, at 4.0 mils wet, 1.0 mils dry.

**Retain one of five "Topcoat" Subparagraphs below based upon the gloss level(s) required for Project; copy and edit this paragraph and subparagraphs for each gloss level system required. Indicate gloss level applications on finish schedules or add application descriptions below. The most common gloss applications are flat for ceilings and soffits and eggshell for walls.**

**S-W Zero VOC products can be used in occupied areas without typical odor complaints because of the very low odor during application and drying; they are available in all finishes, and include anti-microbial agents to help control bacterial growth.**

**Topcoat: Latex, interior, flat: 2 coats**

S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series, at 4.0 mils (0.102 mm) wet, 1.6 mils (0.041 mm) dry, per coat.

**Topcoat: Latex, interior, low sheen:**

S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series, at 4.0 mils (0.102 mm) wet, 1.6 mils (0.041 mm) dry, per coat.

**Topcoat: Latex, interior, eggshell**:

S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series, at 4.0 mils (0.102 mm) wet, 1.7 mils (0.043 mm) dry, per coat.

**Topcoat: Latex, interior, semi-gloss:**

S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series, at 4.0 mils (0.102 mm) wet, 1.6 mils (0.041 mm) dry, per coat.

**Topcoat: Latex, interior, gloss:**

S-W ProMar 200 Zero VOC Gloss, B21-12650 Series, at 4.0 mils (0.102 mm) wet, 1.5 mils (0.038 mm) dry, per coat.

**The washability, chemical resistance and impact-resistant finish of S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy makes it the ideal coating for high traffic areas like hospitals, schools and restaurants. It provides enhanced performance, single-component convenience, with resistance to most commercial cleaners, and excellent stain blocking properties.**

**Commercial System: High Performance Products**

Prime Coat: Primer sealer, latex, interior:

S-W S-W PrepRite Problock Latex Primer, at 4.0 mils wet, 1.0 mils dry.

**Retain one of two "Topcoat" Subparagraphs below.**

**Topcoat: Commercial High Performance Options 2 coats:**

S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy, K45-151 Series, at 4.0 mils (0.102 mm) wet, 1.5 mils (0.038 mm) dry, per coat.

Topcoat: Light industrial coating, interior, water based, semi-gloss:

S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy, K46-151 Series, at 4.0 mils (0.102 mm) wet, 1.5 mils (0.038 mm) dry, per coat.

**Section 099 00 Exterior Coatings**

MgO Substrates: Exterior Coating Systems

**Latex Systems**

 a. Gloss Finish

1st Coat: S-W S-W PrepRite Problock Latex Primer, at 4.0 mils wet, 1.0 mils dry.

 2nd Coat:S-W A-100® Exterior Latex Gloss, A8 Series

 3rd Coat: S-W A-100® Exterior Latex Gloss, A8 Series

 (4.0 mils wet, 1.5 mils dry per coat)

 **Early Moisture Resistant Finish**

1st Coat: S-W S-W PrepRite Problock Latex Primer, at 4.0 mils wet, 1.0 mils dry.

 2nd Coat:S-W Latitude™ Acrylic Gloss†, K64 Series

 3rd Coat: S-W Latitude™ Acrylic Gloss†, K64 Series

 (4.0 mils wet, 1.4 mils dry per coat)

 b. Satin Finish

1st Coat: S-W PrepRite Problock Latex Primer, at 4.0 mils wet, 1.0 mils dry.

 2nd Coat:S-W A-100® Exterior Latex Satin, A82 Series

 3rd Coat S-W A-100® Exterior Latex Satin, A82 Series

 (4.0 mils wet, 1.4 mils dry per coat)

 **Early Moisture Resistant Finish**

1st Coat: S-W S-W PrepRite Problock Latex Primer, at 4.0 mils wet, 1.0 mils dry.

 2nd Coat: S-W Latitude™ Acrylic Satin†, K62 Series

 3rd Coat: S-W Latitude™ Acrylic Satin†, K62 Series

 (4.0 mils wet, 1.4 mils dry per coat)

 **Self-Cleaning Acrylic Finish**

1st Coat: S-W PrepRite Problock Latex Primer, at 4.0 mils wet, 1.0 mils dry.

 2nd Coat: S-W Loxon® Self-Cleaning Acrylic\*, LX14 Series

 3rd Coat: S-W Loxon® Self-Cleaning Acrylic\*, LX14 Series

 (5.0-7.0 mils wet, 2.0-2.8 mils dry per coat)

 **High Build Coating**

1st Coat: S-W Loxon® XP Waterproof Coating ™, LX21 Series

 (17.0-21.5 mils wet; 6.5-8.2 mils dry per coat)