

SECTION 09 91 23 - INTERIOR PAINTING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Surface preparation of interior substrates and application of the following:
1. Primers.
 2. Water-based finish coatings.
 3. Solvent-based finish coatings.
 4. Floor sealers and paints.
 5. Dry fall coatings.
- B. Related Requirements:
1. **Section 05 12 00 "Structural Steel Framing"**for shop priming structural steel substrates.
 2. Section 05 51 13 "Metal Pan Stairs" for shop priming metal pan stairs.
 3. Section 05 52 13 "Pipe and Tube Railings" for shop **priming**pipe and tube railings.
 4. .
 5. Section 09 91 23 "Interior Painting."
 6. Section 09 90 00 "Architectural Paints and Coatings".

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
1. Include preparation requirements and application instructions.
 2. Indicate VOC content.
- B. Samples: For each type of topcoat product.
- C. Samples for Initial Selection: For each type of topcoat product.
- D. Samples for Verification: For each type of paint system and each color and gloss of topcoat. Submit **actual paint drawdowns as specified below**for verification Samples.
- .
1. Submit Samples on rigid backing, **8 inches** square.
 2. Apply coats on Samples in steps to show each coat required for system.
 3. Label each coat of each Sample.
 4. Label each Sample for location and application area.
- E. Product List: Cross-reference to paint system and locations of application areas. Use

same designations indicated on Drawings and in applicable interior painting schedule articles to cross-reference paint systems specified in this Section. Include color designations.

F. Sustainable Design Submittals:

1. Third-Party Certifications: For each product.
2. Third-Party-Certified Life-Cycle Assessment: For each product.

1.3 MOCKUPS

A. Apply mockups of each paint system indicated and each color and finish selected to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.

1. Architect will select one surface to represent surfaces and conditions for application of each paint system.
 - a. Vertical and Horizontal Surfaces: Provide samples of at least **100 sq. ft.**
 - b. Other Items: Architect will designate items or areas required.
2. Final approval of color selections will be based on mockups.
 - a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by Architect at no added cost to Owner.
3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Owner specifically approves such deviations by Change Order.
4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.4 FIELD CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between **50 and 95 deg F**.
- B. Do not apply paints when relative humidity exceeds 85 percent; at temperatures of less than **5 deg F** above the dew point; or to damp or wet surfaces.

PART 2 - PRODUCTS

2.1 INTERIOR PAINTS, GENERAL

- A. Interior Paints: Subject to compliance with requirements, **products that may be incorporated into the Work include but are not limited to products** listed in product types below and applicable interior painting schedule articles for the paint category indicated.

B. Material Compatibility:

1. Materials for use within each paint system must be compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer based on testing and field experience.
2. For each coat in a paint system, provide products recommended in writing by topcoat manufacturer for use in paint system and on substrate indicated.

C. Colors: **As indicated in a material schedule.**

2.2 PRIMERS

A. Latex Block Filler: Water-based, pigmented, high-solids, emulsion coating formulated to bridge and fill porous surfaces of CMU substrates in preparation for specified subsequent coatings.

1. Manufacturers: Subject to compliance with requirements, **available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:**
 - a. **Behr Paint Company (Behr Process LLC)**
 - b. **Benjamin Moore & Co.**
 - c. **Rust-Oleum Corporation**
 - d. **Sherwin-Williams Company (The)**
 - e. **The Pittsburgh Paints Company**
 - f. **Valspar; a brand of The Sherwin-Williams Company**

B. Alkali-Resistant, Water-Based Primer: Water-based primer formulated for use on alkaline substrates.

1. Manufacturers: Subject to compliance with requirements, **available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:**
 - a. **Behr Paint Company (Behr Process LLC)**
 - b. **Benjamin Moore & Co.**
 - c. **McCormick Paints**
 - d. **Rodda Paint Co.**
 - e. **Sherwin-Williams Company (The)**
 - f. **The Pittsburgh Paints Company**

C. Interior Latex Primer Sealer: Pigmented, water-based latex sealer; formulated to reduce porosity of substrate for finish coats; for use on new interior plaster, concrete, and gypsum board substrates. Not intended for use on wood or previously painted surfaces.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available**

manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Hempel (USA), Inc.]**
- c. **[McCormick Paints]**
- d. **[Rodda Paint Co.]**
- e. **[Sherwin-Williams Company (The)]**
- f. **[The Pittsburgh Paints Company]**
- g. **<Insert manufacturer's name>**

- D. Interior, Institutional Low-Odor/VOC Primer Sealer: Water-based primer sealer with low-odor characteristics and a VOC of less than 10 grams per liter for use on new interior plaster, concrete, and gypsum wallboard surfaces that are subsequently to be painted with latex finish coats.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[McCormick Paints]**
- d. **[Rodda Paint Co.]**
- e. **[Sherwin-Williams Company (The)]**
- f. **[The Pittsburgh Paints Company]**
- g. **<Insert manufacturer's name>**

- E. Interior, Latex Primer for Wood: Waterborne-emulsion primer formulated for resistance to extractive bleeding, mold, and microbes; for hiding stains; and for use on interior wood substrates.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[KILZ (Behr Paint Company)]**
- d. **[Rodda Paint Co.]**
- e. **[Sherwin-Williams Company (The)]**
- f. **[The Pittsburgh Paints Company]**
- g. **[Valspar; a brand of The Sherwin-Williams Company]**
- h. **<Insert manufacturer's name>**

- F. Interior Alkyd Primer Sealer: Solvent-based, alkyd-type, primer/sealer for new interior wood, plaster, and porous surfaces.

1. Manufacturers: Subject to compliance with requirements, **[provide products by**

the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[Rodda Paint Co.]**
- d. **[Sherwin-Williams Company (The)]**
- e. **[The Pittsburgh Paints Company]**
- f. **<Insert manufacturer's name>**

G. Water-Based Alkyd Primer Sealer: Waterborne-emulsion primer/sealer formulated for new interior gypsum board and plaster substrates.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[Rodda Paint Co.]**
- d. **[Sherwin-Williams Company (The)]**
- e. **[The Pittsburgh Paints Company]**
- f. **<Insert manufacturer's name>**

H. Water-Based, Rust-Inhibitive Primer: Corrosion-resistant, water-based-emulsion primer; formulated for resistance to flash rusting when applied to cleaned, ferrous metal substrates subject to mildly corrosive environments.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[Sherwin-Williams Company (The)]**
- d. **[The Pittsburgh Paints Company]**
- e. **<Insert manufacturer's name>**

I. Quick-Drying, Alkyd Metal Primer: Corrosion-resistant, solvent-based, modified-alkyd primer; lead and chromate free; formulated for quick-drying capabilities and for use on cleaned, ferrous metal substrates.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Benjamin Moore & Co.]**

- b. **[Hempel (USA), Inc.]**
 - c. **[Sherwin-Williams Company (The)]**
 - d. **[The Pittsburgh Paints Company]**
 - e. **<Insert manufacturer's name>**
- J. Alkyd Metal Primer: Corrosion-resistant, solvent-based, alkyd primer formulated for use on prepared ferrous metal substrates subject to industrial and light marine environments.
 - 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Benjamin Moore & Co.]**
 - b. **[Hempel (USA), Inc.]**
 - c. **[McCormick Paints]**
 - d. **[Sherwin-Williams Company (The)]**
 - e. **[The Pittsburgh Paints Company]**
 - f. **<Insert manufacturer's name>**
- K. Epoxy, Anticorrosive Primer: Solvent-based, two-component, epoxy, anticorrosive primer; formulated for use on ferrous and galvanized metal substrates.
 - 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Benjamin Moore & Co.]**
 - b. **[Carboline Company; a subsidiary of RPM International]**
 - c. **[Diamond Vogel Paint Company]**
 - d. **[Hempel (USA), Inc.]**
 - e. **[Sherwin-Williams Company (The)]**
 - f. **[The Pittsburgh Paints Company]**
 - g. **<Insert manufacturer's name>**
- L. Surface-Tolerant Metal Primer: Corrosion-resistant, solvent-based metal primer formulated for use on structural steel and metal fabrications that have been minimally prepared.
 - 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Benjamin Moore & Co.]**
 - c. **[Sherwin-Williams Company (The)]**

- d. **[The Pittsburgh Paints Company]**
 - e. **<Insert manufacturer's name>**
- M. Water-Based, Galvanized-Metal Primer: Corrosion-resistant, pigmented, acrylic primer; formulated for use on cleaned/etched galvanized metal substrates to prepare it for subsequent water-based coatings.
- 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Benjamin Moore & Co.]**
 - c. **[Rodda Paint Co.]**
 - d. **[Sherwin-Williams Company (The)]**
 - e. **[The Pittsburgh Paints Company]**
 - f. **<Insert manufacturer's name>**
- N. Quick-Drying Aluminum Primer: Corrosion-resistant, solvent-based, alkyd or modified-alkyd primer formulated for quick-drying capabilities and for use on prepared aluminum substrates.
- 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[The Pittsburgh Paints Company]**
 - c. **<Insert manufacturer's name>**
- O. Vinyl Wash Primer: Two-component, vinyl butyral/phosphoric acid-wash primer formulated for use over cleaned ferrous metal substrates and zinc-rich primers as a tie coat for subsequent corrosion-resistant primers or finish coatings.
- 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Sherwin-Williams Company (The)]**
 - b. **<Insert manufacturer's name>**
- P. Water-Based Bonding Primer: Water-based-emulsion primer formulated to promote adhesion of subsequent specified coatings.
- 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. [Behr Paint Company (Behr Process LLC)]
- b. [Benjamin Moore & Co.]
- c. [Sherwin-Williams Company (The)]
- d. [The Pittsburgh Paints Company]
- e. [Valspar; a brand of The Sherwin-Williams Company]
- f. <Insert manufacturer's name>

Q. Solvent-Based Bonding Primer: Solvent-based primer formulated to seal substrates and promote adhesion of specified subsequent coatings.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. [Benjamin Moore & Co.]
- b. [Sherwin-Williams Company (The)]
- c. [The Pittsburgh Paints Company]
- d. <Insert manufacturer's name>

R. Wood-Knot Sealer: White shellac or other sealer recommended in writing by manufacturer for this purpose.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. [Behr Paint Company (Behr Process LLC)]
- b. [Benjamin Moore & Co.]
- c. [Sherwin-Williams Company (The)]
- d. <Insert manufacturer's name>

2.3 WATER-BASED FINISH COATINGS

A. Interior Latex Paint: Pigmented, water-based coating for use on interior primed/sealed plaster and gypsum board, and on primed wood and metals.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. [Behr Paint Company (Behr Process LLC)]
- b. [Benjamin Moore & Co.]
- c. [Coronado Paint; Benjamin Moore & Co.]
- d. [Insl-X Products; Benjamin Moore & Co.]
- e. [McCormick Paints]
- f. [Rodda Paint Co.]
- g. [Sherwin-Williams Company (The)]

- h. **[The Pittsburgh Paints Company]**
 - i. **[Valspar; a brand of The Sherwin-Williams Company]**
 - j. **<Insert manufacturer's name>**
 - 2. Gloss and Sheen Level: Manufacturer's standard **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
- B. Interior, Latex, Institutional Low-Odor/VOC Paint: White or colored latex coating with low-odor characteristics and a VOC of less than 10 grams per liter, for use in areas, such as hospitals and other occupied buildings, where the odor and VOC levels of conventional latex products would preclude their use.
 - 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Benjamin Moore & Co.]**
 - c. **[McCormick Paints]**
 - d. **[Rodda Paint Co.]**
 - e. **[Sherwin-Williams Company (The)]**
 - f. **[The Pittsburgh Paints Company]**
 - g. **<Insert manufacturer's name>**
 - 2. Gloss and Sheen Level: Manufacturer's standard **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
- C. Interior, Water-Based Light Industrial Coating: Pigmented, water-based emulsion coating for interior primed wood and metal surfaces (e.g., walls, doors, frames, trim, and sash), providing resistance to moderate abrasion and mild chemical exposure and corrosive conditions.
 - 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Benjamin Moore & Co.]**
 - c. **[McCormick Paints]**
 - d. **[Rodda Paint Co.]**
 - e. **[Sherwin-Williams Company (The)]**
 - f. **[The Pittsburgh Paints Company]**
 - g. **<Insert manufacturer's name>**
 - 2. Gloss and Sheen Level: Manufacturer's standard **[eggshell][semigloss][gloss]**.
- D. Interior, High-Performance Architectural Latex: Water-based, pigmented, low-VOC, emulsion coating formulated to provide a significantly higher level of performance than conventional latex paints in the areas of scrub resistance, burnish resistance, and ease

of stain removal.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Benjamin Moore & Co.]**
 - c. **[Rodda Paint Co.]**
 - d. **[Sherwin-Williams Company (The)]**
 - e. **[The Pittsburgh Paints Company]**
 - f. **<Insert manufacturer's name>**
 2. Gloss and Sheen Level: Manufacturer's standard **[low sheen][eggshell][satin][semigloss]**.
- E. High-Performance Textured Latex Coating: Water-based, pigmented, self-priming coating that contains sand or other hard aggregate for selected texture and is formulated for use on concrete and masonry substrates.
1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Benjamin Moore & Co.]**
 - c. **[Sherwin-Williams Company (The)]**
 - d. **[The Pittsburgh Paints Company]**
 - e. **<Insert manufacturer's name>**
 2. Gloss and Sheen Level: Manufacturer's standard **[flat][nonflat]**.
 3. Texture: **[Manufacturer's standard][Fine][Medium][Coarse]**.
- F. Interior, Water-Based Alkyd Paint: Water-based, pigmented, low-VOC alkyd paint formulated for flash rust and water resistance and for use on interior, primed, wood, plaster, masonry, and metal surfaces.
1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Benjamin Moore & Co.]**
 - c. **[Sherwin-Williams Company (The)]**
 - d. **[The Pittsburgh Paints Company]**
 - e. **<Insert manufacturer's name>**
 2. Gloss and Sheen Level: Manufacturer's standard **[low**

sheen][semigloss][gloss].

- G. Interior Latex, Antiviral/Antibacterial Coating: Water-based, pigmented, low-VOC paint with EPA-registered proprietary antimicrobial copper ion technology formulated to kill 99 percent of viruses and bacteria within 2 hours, for use on interior, primed, concrete, masonry, metal, wood, gypsum board, and plaster surfaces.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[The Pittsburgh Paints Company]**
- c. **<Insert manufacturer's name>**

2. Gloss Level: Manufacturer's standard **[eggshell][semigloss].**

2.4 Alkyd Anti-Corrosive Primer

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:

- 1. **[The Pittsburgh Paints Company]**
- 2. **<Insert manufacturer's name>**

2.5 SOLVENT-BASED FINISH COATINGS

- A. Interior Alkyd Paint: Pigmented, solvent-based alkyd coating for use on primed/sealed interior plaster, gypsum, wood, and metal substrates primarily in moderate traffic commercial environments.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[Rodda Paint Co.]**
- d. **[Sherwin-Williams Company (The)]**
- e. **[The Pittsburgh Paints Company]**
- f. **<Insert manufacturer's name>**

2. Gloss and Sheen Level: Manufacturer's standard **[flat][eggshell][semigloss][gloss].**

- B. Aluminum Paint: Aliphatic, solvent-based coating consisting of varnish or alkyd binder

combined with aluminum pigment that is formulated for use as a stain-blocking coating and sealer, is able to be recoated with conventional alkyd and latex paints, and for use on wood, metal, bituminous-coated, and prepared masonry substrates.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. **[Rodda Paint Co.]**
- b. **[Sherwin-Williams Company (The)]**
- c. **[The Pittsburgh Paints Company]**
- d. **<Insert manufacturer's name>**

2.6 Interior, Latex, High-Performance Architectural Coating, Flat

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:

1. **[The Pittsburgh Paints Company]**
2. **<Insert manufacturer's name>**

2.7 FLOOR SEALERS AND PAINTS

- A. Concrete Stain: Penetrating semitransparent stain specifically manufactured for interior and exterior concrete horizontal and vertical surfaces.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[H&C Decorative Concrete Products; a brand of Sherwin-Williams Co.]**
- d. **[Sherwin-Williams Company (The)]**
- e. **[The Pittsburgh Paints Company]**
- f. **<Insert manufacturer's name>**

- B. Latex Floor Enamel: Water-based, pigmented coating formulated to hide stains, for alkali and incidental water resistance, and for use on concrete and primed-wood substrates subject to low to medium foot traffic.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[Sherwin-Williams Company (The)]**
 - c. **[The Pittsburgh Paints Company]**
 - d. **<Insert manufacturer's name>**
 2. Gloss and Sheen Level: Manufacturer's standard **[low gloss][gloss]**.
 3. Slip-Resistant Aggregate: Manufacturer's standard additive.
- C. Alkyd Floor Enamel: Solvent-based, pigmented coating; self-priming where applied to bare wood; formulated to hide stains, for durability, for microbial and abrasion resistance, and for use on wood-board substrates subject to low to medium foot traffic.
1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Benjamin Moore & Co.]**
 - b. **[The Pittsburgh Paints Company]**
 - c. **<Insert manufacturer's name>**
 2. Gloss Level: Manufacturer's standard **[low gloss][gloss]**.
 3. Slip-Resistant Aggregate: Manufacturer's standard additive.
- D. Water-Based Concrete Floor Sealer: Clear, water-based, acrylic-copolymer-emulsion sealer formulated for oil, gasoline, alkali, and water resistance and for use on concrete traffic surfaces.
1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Behr Paint Company (Behr Process LLC)]**
 - b. **[H&C Decorative Concrete Products; a brand of Sherwin-Williams Co.]**
 - c. **[Sherwin-Williams Company (The)]**
 - d. **[The Pittsburgh Paints Company]**
 - e. **<Insert manufacturer's name>**
- E. Solvent-Based Concrete Floor Sealer: Clear, acrylic, solvent-based sealer formulated for oil, gasoline, alkali, and water resistance and for use on concrete traffic surfaces.
1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Benjamin Moore & Co.]**
 - b. **[H&C Decorative Concrete Products; a brand of Sherwin-Williams Co.]**
 - c. **[Sherwin-Williams Company (The)]**
 - d. **<Insert manufacturer's name>**

2.8 Interior, WB Alkyd, Satin

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- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:

1. **[The Pittsburgh Paints Company]**
2. **<Insert manufacturer's name>**

2.9 DRY FALL COATINGS

- A. Dry Fall, Latex: Pigmented, water-based, emulsion-type, fast-drying coating for use on interior plaster, concrete, gypsum board, primed wood, and metal ceilings.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[McCormick Paints]**
- d. **[Rodda Paint Co.]**
- e. **[Sherwin-Williams Company (The)]**
- f. **[The Pittsburgh Paints Company]**
- g. **[Valspar; a brand of The Sherwin-Williams Company]**
- h. **<Insert manufacturer's name>**

2. Gloss and Sheen Level: Manufacturer's standard **[flat][eggshell][semigloss]**.

- B. Dry Fall, Water-Based for Galvanized Steel: Pigmented, water-based coating for direct application to cleaned, interior galvanized-metal ceiling surfaces and adjacent primed metals.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[Sherwin-Williams Company (The)]**
- d. **[The Pittsburgh Paints Company]**
- e. **<Insert manufacturer's name>**

2. Gloss and Sheen Level: Manufacturer's standard **[flat][eggshell][semigloss]**.

- C. Dry Fall, Alkyd: Pigmented, solvent-based, fast-setting, alkyd coating for use on interior

ceiling substrates such as primed plaster, gypsum board, wood, and metals.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:

- a. **[Behr Paint Company (Behr Process LLC)]**
- b. **[Benjamin Moore & Co.]**
- c. **[Rodda Paint Co.]**
- d. **[Sherwin-Williams Company (The)]**
- e. **[The Pittsburgh Paints Company]**
- f. **<Insert manufacturer's name>**

2. Gloss and Sheen Level: Manufacturer's standard **[flat][eggshell][semigloss]**.

2.10 Interior, WB Alkyd, Semigloss

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:

1. **[The Pittsburgh Paints Company]**
2. **<Insert manufacturer's name>**

2.11 Interior, WB Alkyd, Gloss

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:

1. **[The Pittsburgh Paints Company]**
2. **<Insert manufacturer's name>**

2.12 Quick-Drying Alkyd Enamel, Semigloss

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:

1. **[The Pittsburgh Paints Company]**
2. **<Insert manufacturer's name>**

2.13 Quick-Drying Alkyd Enamel, Gloss

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:

1. **[The Pittsburgh Paints Company]**
2. **<Insert manufacturer's name>**

PART 3 - EXECUTION

3.1 APPLICATION OF INTERIOR PAINT PRODUCTS

- A. Apply paints in accordance with manufacturer's written instructions.
 1. Use applicators and techniques suited for paint and substrate indicated.
 2. 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.
 3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
 4. Paint entire exposed surface of window frames and sashes.
 5. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
 6. Primers specified in the applicable interior painting schedule articles may be omitted on items that are factory primed or factory finished if compatible with intermediate and topcoat coatings and acceptable to intermediate and topcoat paint manufacturers.
- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- D. 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.
- E. Painting Fire-Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:
 1. Paint the following work where exposed to view in equipment rooms:
 - a. Equipment, including panelboards [**and switch gear**].
 - b. Uninsulated metal piping.
 - c. Uninsulated plastic piping.
 - d. Pipe hangers and supports.
 - e. Metal conduit.
 - f. Plastic conduit.
 - g. Tanks that do not have factory-applied final finishes.
 - h. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
 - i. **<Insert mechanical items to be painted>**.

2. Paint the following work where exposed to view in occupied spaces:
 - a. Equipment, including panelboards.
 - b. Uninsulated metal piping.
 - c. Uninsulated plastic piping.
 - d. Pipe hangers and supports.
 - e. Metal conduit.
 - f. Plastic conduit.
 - g. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
 - h. Other items as directed by Architect.
 - i. **<Insert requirements>.**
3. Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces.

3.2 FIELD QUALITY CONTROL

- A. 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.
 1. Touch up and restore painted surfaces damaged by testing.
 2. If test results show that dry-film thickness of applied paint does not comply with paint manufacturer's written recommendations, apply additional coats as needed to provide dry-film thickness that complies with paint manufacturer's written recommendations.
 3. Cost of retesting is Contractor's responsibility.

3.3 INTERIOR PAINTING SCHEDULE, METAL SUBSTRATES

- A. Steel and Iron Substrates:
 1. Latex System, Alkyd Primer :
 - a. Prime Coat: **[Alkyd quick-dry primer for metal][Alkyd metal primer][Shop primer specified in Section where substrate is specified]**.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 2. Latex over Shop-Applied Quick-Drying Shop Primer System :
 - a. Prime Coat: Quick-dry primer for shop application.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 3. Institutional Low-Odor/VOC Latex System :

- a. Prime Coat: Water-based rust-inhibitive primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
4. High-Performance Architectural Latex System :
 - a. Prime Coat: **[Alkyd quick-dry primer for metal][Alkyd metal primer][Shop primer specified in Section where substrate is specified]**.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Topcoat: Interior, high-performance architectural latex, **[low sheen][eggshell][satin][semigloss]**.
5. Water-Based Light Industrial Coating System :
 - a. Prime Coat: Primer, rust-inhibitive, water based.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, **[eggshell][semigloss][gloss]**.
6. Water-Based Light Industrial Coating System over Epoxy Primer System :
 - a. Prime Coat: Epoxy, anticorrosive primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, **[eggshell][semigloss][gloss]**.
7. Water-Based Dry-Fall System :
 - a. Prime Coat: **[Alkyd quick-dry primer for metal][Alkyd metal primer][Shop primer specified in Section where substrate is specified]**.
 - b. Topcoat: **[Dry fall, latex, flat][Dry fall, water-based for galvanized steel, flat][Dry fall, latex, low sheen][Dry fall, latex, semigloss]**.
8. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: Alkyd quick-dry primer for metal.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, antiviral/antibacterial coating, **[eggshell][semigloss]**.
9. Alkyd System :
 - a. Prime Coat: **[Alkyd quick-dry primer for metal][Alkyd metal primer][Shop primer specified in Section where substrate is specified]**.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.

10. Alkyd over Surface-Tolerant Primer System :
 - a. Prime Coat: Surface-tolerant metal primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]** .
11. Alkyd over Rust-Inhibitive Primer System :
 - a. Prime Coat: Primer, rust inhibitive, water based.
 - b. Intermediate Coat: Alkyd, interior, matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
12. Alkyd over Shop-Applied Quick-Drying Shop Primer System :
 - a. Prime Coat: Primer, quick dry, for shop application.
 - b. Intermediate Coat: Alkyd, interior, matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
13. Water-Based Alkyd System :
 - a. Prime Coat: **[Alkyd quick-dry primer for metal][Quick-dry primer for shop application][Primer, rust inhibitive, water based][Surface-tolerant metal primer]**.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, **[low sheen][semigloss][gloss]**.
14. Quick-Dry Enamel System :
 - a. Prime Coat: Alkyd quick-dry primer for metal.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
15. Alkyd Dry-Fall System :
 - a. Prime Coat: **[Alkyd quick-dry primer for metal][Alkyd metal primer][Shop primer specified in Section where substrate is specified]**.
 - b. Topcoat: Dry fall, alkyd, **[flat][low sheen][semigloss]**.
16. Alkyd Dry Fall over Quick-Drying Primer System :
 - a. Prime Coat: Quick-dry primer for shop application.
 - b. Topcoat: Dry fall, alkyd, **[flat][low sheen][semigloss]**.
17. Aluminum Paint System :
 - a. Prime Coat: **[Alkyd quick-dry primer for metal][Alkyd metal primer][Shop primer specified in Section where substrate is specified]**.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Aluminum paint.

B. Galvanized Metal Substrates:

1. Latex System :
 - a. Prime Coat: [**Cementitious galvanized primer**][**Water-based galvanized primer**].
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, [**flat**][**low sheen**][**eggshell**][**satin**][**semigloss**][**gloss**].
2. Institutional Low-Odor/VOC Latex System :
 - a. Prime Coat: Water-based galvanized primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, [**flat**][**low sheen**][**eggshell**][**satin**][**semigloss**][**gloss**].
3. High-Performance Architectural Latex System :
 - a. Prime Coat: Water-based galvanized primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, [**low sheen**][**eggshell**][**satin**][**semigloss**].
4. Water-Based Light Industrial Coating System :
 - a. Prime Coat: Cementitious galvanized primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, [**low sheen**][**semigloss**][**gloss**].
5. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: Water-based galvanized primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, antiviral/antibacterial coating, [**eggshell**][**semigloss**].
6. Water-Based Dry-Fall System :
 - a. Prime Coat: Matching topcoat.
 - b. Topcoat: Dry fall, water-based for galvanized steel, flat.
7. Alkyd System :
 - a. Prime Coat: Water-based galvanized primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, [**flat**][**low sheen**][**semigloss**][**gloss**].
8. Water-Based Alkyd System :
 - a. Prime Coat: Water-based galvanized primer.

- b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, [**low sheen**][**semigloss**][**gloss**].
- 9. Alkyd Dry-Fall System :
 - a. Prime Coat: Water-based galvanized primer.
 - b. Topcoat: Dry fall, alkyd, [**flat**][**low sheen**][**semigloss**].
- 10. Aluminum Paint System :
 - a. Prime Coat: Water-based galvanized primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Aluminum paint.
- C. Aluminum (Not Anodized or Otherwise Coated) Substrates:
 - 1. Latex System :
 - a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, [**flat**][**low sheen**][**eggshell**][**satin**][**semigloss**][**gloss**].
 - 2. Institutional Low-Odor/VOC Latex System :
 - a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, [**flat**][**low sheen**][**eggshell**][**satin**][**semigloss**][**gloss**].
 - 3. High-Performance Architectural Latex System :
 - a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, [**low sheen**][**eggshell**][**satin**][**semigloss**].
 - 4. Aluminum Paint System :
 - a. Prime Coat: Vinyl wash primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Aluminum paint.
 - 5. Water-Based Light Industrial Coating System :
 - a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, [**low sheen**][**semigloss**][**gloss**].
 - 6. Antiviral/Antibacterial Latex System :

- a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex, antiviral/antibacterial coating, **[eggshell][semigloss]**.
7. Alkyd System :
- a. Prime Coat: Primer, **[Vinyl wash primer][Quick-dry primer for aluminum]**.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
8. Water-Based Alkyd System :
- a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, **[low sheen][semigloss][gloss]**.
- D. Copper Substrates:
1. Latex System :
- a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
2. Institutional Low-Odor/VOC Latex System :
- a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
3. High-Performance Architectural Latex System :
- a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, **[low sheen][eggshell][satin][semigloss]**.
4. Water-Based Light Industrial Coating System :
- a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, **[low sheen][semigloss][gloss]**.
5. Aluminum Paint System :
- a. Prime Coat: Vinyl wash primer.

- b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Aluminum paint.
- 6. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, antiviral/antibacterial coating, **[eggshell][semigloss]**.
- 7. Alkyd System :
 - a. Prime Coat: Vinyl wash primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
- E. Stainless Steel Substrates:
 - 1. Latex System :
 - a. Prime Coat: Solvent-based bonding primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 - 2. High-Performance Architectural Latex System :
 - a. Prime Coat: Solvent-based bonding primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, **[low sheen][eggshell][satin][semigloss]**.
 - 3. Water-Based Light Industrial Coating System :
 - a. Prime Coat: **[Solvent-based bonding primer][Quick-dry primer for aluminum]**.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, **[low sheen][semigloss][gloss]**.
 - 4. Aluminum Paint System :
 - a. Prime Coat: Vinyl wash primer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Aluminum paint.
 - 5. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: Quick-dry primer for aluminum.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, antiviral/antibacterial coating,

[eggshell][semigloss].

6. Alkyd System :

- a. Prime Coat: Vinyl wash primer.
- b. Intermediate Coat: Matching topcoat.
- c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss].**

3.4 INTERIOR PAINTING SCHEDULE, WOOD SUBSTRATES

A. Glued-Laminated Wood Substrates:

1. Latex over Latex Primer System :

- a. Prime Coat: Interior, latex primer for wood.
- b. Intermediate Coat: Matching topcoat.
- c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss].**

2. Latex over Alkyd Primer System :

- a. Prime Coat: Interior alkyd primer sealer.
- b. Intermediate Coat: Matching topcoat.
- c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss].**

3. Institutional Low-Odor/VOC Latex System :

- a. Prime Coat: Interior latex primer for wood.
- b. Intermediate Coat: Matching topcoat.
- c. Topcoat: Interior, latex, institutional low odor/VOC, **[flat][low sheen][eggshell][satin][semigloss][gloss].**

4. High-Performance Architectural Latex System :

- a. Prime Coat: Interior latex primer for wood.
- b. Intermediate Coat: Matching topcoat.
- c. Topcoat: Interior, high-performance architectural latex, **[low sheen][eggshell][satin][semigloss].**

5. Antiviral/Antibacterial Latex System :

- a. Prime Coat: Interior alkyd primer sealer.
- b. Intermediate Coat: Matching topcoat.
- c. Topcoat: Interior, latex, antiviral/antibacterial coating, **[eggshell][semigloss].**

6. Alkyd System :

- a. Prime Coat: Interior alkyd primer sealer.
- b. Intermediate Coat: Matching topcoat.

- c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
- 7. Water-Based Alkyd System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, **[low sheen][semigloss][gloss]**.
- B. Exposed Wood Framed Substrates:
 - 1. Latex over Latex Primer System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 - 2. Latex over Alkyd Primer System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 - 3. Institutional Low-Odor/VOC Latex System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 - 4. High-Performance Architectural Latex System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, **[low sheen][eggshell][satin][semigloss]**.
 - 5. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, antiviral/antibacterial coating, **[eggshell][semigloss]**.
 - 6. Alkyd System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
 - 7. Water-Based Alkyd System :

- a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, [**low sheen**][**semigloss**][**gloss**].
- C. Finish Carpentry Substrates: [**Wood trim**][**Doors**][**Windows**][**and**][**Wood board paneling**].
- 1. Latex over Latex Primer System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, [**flat**][**low sheen**][**eggshell**][**satin**][**semigloss**][**gloss**].
 - 2. Latex over Alkyd Primer System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, [**flat**][**low sheen**][**eggshell**][**satin**][**semigloss**][**gloss**].
 - 3. Institutional Low-Odor/VOC Latex System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, [**flat**][**low sheen**][**eggshell**][**satin**][**semigloss**][**gloss**].
 - 4. High-Performance Architectural Latex System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, [**low sheen**][**eggshell**][**satin**][**semigloss**].
 - 5. Water-Based Light Industrial Coating System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, [**low sheen**][**semigloss**][**gloss**].
 - 6. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, antiviral/antibacterial coating, [**eggshell**][**semigloss**].
 - 7. Alkyd System :

- a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
8. Water-Based Alkyd System :
- a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, **[low sheen][semigloss][gloss]**.
- D. Architectural Woodwork Substrates: **[Wood paneling][and][Casework]**.
1. Latex over Latex Primer System :
- a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
2. Latex over Alkyd Primer System :
- a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
3. Institutional Low-Odor/VOC Latex System :
- a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
4. High-Performance Architectural Latex System :
- a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, **[low sheen][eggshell][satin][semigloss]**.
5. Water-Based Light Industrial Coating System :
- a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, **[low sheen][semigloss][gloss]**.
6. Antiviral/Antibacterial Latex System :
- a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.

- c. Topcoat: Interior, latex, antiviral/antibacterial coating, **[eggshell][semigloss]**.
- 7. Alkyd System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
- 8. Water-Based Alkyd System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, **[low sheen][semigloss][gloss]**.
- E. Wood Traffic Substrates: **[Floors][and][stairs]**.
 - 1. Latex Porch and Floor Enamel System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Latex floor enamel, low gloss.
 - d. Additive: Manufacturer's standard additive to increase skid resistance of painted surface.
 - 2. Alkyd Floor Enamel System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Alkyd floor enamel, gloss.
 - d. Additive: Manufacturer's standard additive to increase skid resistance of painted surface.
- F. Wood Shingle and Shake Substrates:
 - 1. Latex over Latex Primer System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 - 2. Latex over Alkyd Primer System :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
 - 3. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: Interior latex primer for wood.

- b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex, antiviral/antibacterial coating, **[eggshell][semigloss]**.
- 4. Alkyd System :
 - a. Prime Coat: Interior, alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, **[flat][low sheen][semigloss][gloss]**.
- 5. Water-Based Alkyd System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, **[low sheen][semigloss][gloss]**.

3.5 INTERIOR PAINTING SCHEDULE, GYPSUM-BASED SUBSTRATES

A. Gypsum Board and Plaster Substrates:

- 1. Latex over Latex Sealer System :
 - a. Prime Coat: Interior latex primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
- 2. Latex over Alkyd Primer System (for Plaster Only) :
 - a. Prime Coat: Interior alkyd primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior latex paint, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
- 3. Institutional Low-Odor/VOC Latex System :
 - a. Prime Coat: Interior, institutional low-odor/VOC primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, institutional low odor/VOC, **[flat][low sheen][eggshell][satin][semigloss][gloss]**.
- 4. High-Performance Architectural Latex System :
 - a. Prime Coat: Interior latex primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, high-performance architectural latex, **[low sheen][eggshell][satin][semigloss]**.
- 5. Water-Based Light Industrial Coating System :
 - a. Prime Coat: Interior latex primer sealer.

- b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based, light industrial coating, [**low sheen**][**semigloss**][**gloss**].
- 6. Antiviral/Antibacterial Latex System :
 - a. Prime Coat: [**Interior latex primer sealer**][**Interior, institutional low-odor/VOC primer sealer**][**Interior alkyd primer sealer**].
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, antiviral/antibacterial coating, [**eggshell**][**semigloss**].
- 7. Alkyd over Latex Sealer System :
 - a. Prime Coat: Interior latex primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior alkyd paint, [**flat**][**low sheen**][**semigloss**][**gloss**].
- 8. Water-Based Alkyd System :
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, water-based alkyd paint, [**low sheen**][**semigloss**][**gloss**].

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