

DIVISION 09 – FINISHES

09 90 00 PAINTING AND COATING

PART 1 - GENERAL

PART 2 - PRODUCTS

2.01 INTERIOR GYPSUM WALLS, SOFFITS, AND CEILINGS

A. Common Areas, Corridors, Classrooms, and Offices

1. Primer:

i. Preferred Manufacturers:

- 1) Sherwin Williams Premium Wall & Wood Interior Latex Primer
- 2) Sherwin Williams PrepRite ProBlock
- 3) Benjamin Moore 284 Super Hide Interior Latex Primer and Undercoater
- 4) Benjamin Moore Fresh Start N023 Multi-Purpose Latex Primer

2. Topcoat:

- ###### **i. High quality latex interior paint. Sheen for vertical painted surfaces shall be at least 15 units @ 85° (Egg-Shell or Satin). Paint shall be anti-microbial in nature and resistant to washing and scrubbing.**

ii. Preferred Manufacturers:

- 1) Sherwin Williams Emerald
- 2) Benjamin Moore 549 Regal Select Waterborne Interior Paint

B. Wet and High-Humidity Areas (Interior Labs, Restrooms, and Kitchens):

1. Primer:

i. Preferred Manufacturers:

- 1) Sherwin Williams ProMar 200 Interior Latex Primer
- 2) Sherwin Williams PrepRite ProBlock
- 3) Benjamin Moore Fresh Start N023 Multi-Purpose Latex Primer

2. Topcoat:

- ###### **i. High quality industrial latex interior paint or epoxy coating. Sheen for vertical painted surfaces shall be at least 20 units @ 85° (Egg-Shell) and shall not exceed 65 units @ 60° (Semi-Gloss). Paint shall be anti-microbial in nature and resistant to washing and scrubbing. Paint must have a humidity resistance rating of 10 per ASTM D714 and ASTM D1654.**

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ii. Preferred Manufacturers:

- 1) Sherwin Williams Pro-Industrial High Performance Acrylic or equivalent
- 2) Sherwin Williams Pro-Industrial Pre-Catalyzed Waterbased Epoxy
- 3) Benjamin Moore Ultra Spec Acrylic Semi-Gloss HP29
- 4) Benjamin Moore P43 Acrylic Super Spec Epoxy

2.02 INTERIOR WOOD DOORS, WINDOW FRAMES AND TRIM, AND HANDRAILS (CLEAR COAT FINISH)

A. Stain

1. On-Site Applications: Use a water-based stain and finish system with the following specifications: water-based acrylic stain <250 grams/liter VOC content.

i. Preferred Manufacturers:

- 1) Minwax Water-Based Wood Stain
- 2) Old Masters Water-Based Wood Stain

B. Clear Finish:

1. On-Site Applications: Use a water based clear coat with the following specifications: Resin type: polyurethane dispersion, acrylic resin, <275 grams/liter VOC content.

i. Preferred Manufacturers:

- 1) Minwax Poly-Crylic
- 2) Old Masters Water-Based Polyurethane

2.03 INTERIOR WOOD AND METAL DOORS, JAMBS, WINDOW FRAMES, AND HANDRAILS (PAINTED)

A. Primer:

1. Preferred Manufacturers:

- 1) Sherwin Williams Pro-Industrial Pro-Cryl Primer or equivalent.
- 2) Benjamin Moore Super Spec HP Acrylic Metal Primer (P04)

B. Topcoat:

1. High quality industrial latex interior paint. Sheen for painted metal and wood interior elements shall be Semi-Gloss ranging from 55 – 65 units @ 60°. Paint shall be anti-microbial in nature and resistant to washing and scrubbing. Paint must have a humidity resistance rating of 10 per ASTM D714 and ASTM D1654.

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2. Preferred Manufacturers:

- 1) Sherwin Williams Pro-Industrial High Performance Acrylic
- 2) Benjamin Moore Ultra Spec Acrylic Semi-Gloss HP29

2.04 EXTERIOR BRICK MASONRY SURFACES (CLEAR FINISH)

A. Product specifications: High quality, clear, industrial Siloxane water repellent coating that meets or exceeds the following specifications: water-based material containing less than 50 g/L VOC content (excluding exempt solvents). Siloxane material shall have a minimum rated content of 7% Siloxane.

1. Preferred Manufacturers:

- 1) Sherwin Williams Loxon Water Repellant (A10T00007)
- 2) OKON S-20 Deep Penetrating Silane-Siloxane Sealer

2.05 EXTERIOR PAINTED CONCRETE AND CONCRETE MASONRY UNIT (CMU) SURFACES

A. Primer:

1. Preferred Manufacturers:

- 1) Sherwin Williams Loxon Concrete and Masonry Primer/Sealer
- 2) Benjamin Moore Fresh Start N023 Multi-Purpose Latex Primer

B. Topcoat:

1. Preferred Manufacturers:

- 1) Sherwin Williams Loxon Masonry Topcoat
- 2) Sherwin Williams Conflex XL High Build Coating
- 3) Benjamin Moore Acrylic Elastomeric Coating (H055)

2.06 EXTERIOR WOOD SIDING AND TRIM

A. Primer:

1. Benjamin Moore Fresh Start Primer or equivalent

B. Topcoat

1. New Construction

i. Preferred Manufacturers:

- 1) Sherwin Williams Emerald Exterior
- 2) Benjamin Moore Regal Select Exterior (401)

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2. Renovations and Refinishing

i. Preferred Manufacturers:

- 1) Benjamin Moore Regal Select
- 2) Sherwin Williams Resilience

2.07 EXTERIOR METAL PAINTED DOORS, WINDOW FRAMES, HANDRAILS

A. Handrails (New):

1. New metal handrails shall be galvanized or factory powder coated. Powder coat finish shall be one of two color options:

- i. Market Tavern Green
- ii. Black

B. Exterior Metal Painted Doors and Window Frames (New):

1. Primer:

i. Preferred Manufacturers:

- 1) Sherwin Williams Pro-Industrial Pro-Cryl Primer
- 2) Benjamin Moore Super Spec HP Acrylic Metal Primer (P04)
- 3) Equivalent Direct-to-Metal (DTM) primers

2. Topcoat:

- i. High quality industrial latex exterior paint, anti-microbial in nature and resistant to washing and scrubbing. Paint shall have a humidity resistance rating of 10 per ASTM D714 and ASTM D1654.
- ii. Preferred Manufacturers:
 - 1) Sherwin Williams Pro-Industrial High Performance Acrylic or equivalent
 - 2) Benjamin Moore Ultra Spec HP 29
 - 3) Benjamin Moore Regal Select Exterior (401)

C. Refinished Metal Doors, Window Frames, and Handrails:

1. Primer:

- i. Preferred Manufacturer: Sherwin Williams Pro-Industrial Pro-Cryl Primer or equivalent Direct-to-Metal (DTM) Primer

2. Topcoat:

i. Preferred Manufacturers:

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- 1) Sherwin Williams Pro-Industrial High Performance Acrylic or equivalent
- 2) Benjamin Moore Super Spec
- 3) Benjamin Moore Regal Select

PART 3 - EXECUTION

3.01 GENERAL

- A. Designer shall specify and Contractor shall apply combinations of primer/topcoat or stain/finish single-sourced from the same manufacturer. Combining products from different manufacturers will in most cases invalidate both warranties.
- B. In all applications, Contractor shall prepare surfaces and apply products in accordance with the manufacturer's specifications and instructions.
- C. For renovations and refinishes, Contractor shall submit a Means and Methods work plan to the WSU Construction Manager for approval, prior to initiating work.

END OF SECTION