

**Copyright 2013 The Sherwin-Williams Company**

**ISSUED May 2013**

**09 91 23-SCAQMD-VOC INTERIOR PAINTING**

**THE SHERWIN-WILLIAMS COMPANY**

**COMMERCIAL PAINTING SCHEDULE GUIDE**

This Painting Schedule is furnished only as a guide to select interior paint systems, and is not all-inclusive of available Sherwin-Williams products. Although it is written in the CSI format and can be included in its entirety in a master specification, one should review the contents and edit to suit the particular needs of the project and its respective location.

The schedule is arranged by substrates, and each includes the various degrees of gloss available.

New government VOC (Volatile Organic Compound) regulations continue to be implemented in the southern part of the state of California. These regulations are established by the South Coast Air Quality Management District (SCAQMD), which is defined as most of Los Angeles, Orange, Riverside, and San Bernardino Counties. Rule 1113 limits the VOC content of architectural, IM, and traffic paints and coatings used in the District. Anyone who sells, manufactures or uses paints and coatings in the District must comply with the applicable VOC standards. Although some exemptions may apply to your project, VOC regulations are constantly changing. We recommend that you verify your product selections meet the most current VOC requirements of the area in which they are to be used. As of the date of printing, all the Sherwin-Williams coatings in this specification are SCAQMD compliant products as packaged.

If you need more specific information on a particular product, refer to the current Sherwin-Williams Painting Systems Catalog or the [www.sherwin-williams.com](http://www.sherwin-williams.com) website or call our Architectural Services Department toll free.

<http://www.aqmd.gov/rules/reg/reg11/r1113.pdf> SCAQMD

**The Sherwin-Williams Company  
Architectural Services Department  
1-800-321-8194 (Telephone)  
216-566-1392 (Fax)**

## SECTION 09 91 23

### INTERIOR PAINTS AND COATINGS



#### Part 1 GENERAL

##### 1.1 SECTION INCLUDES

- A Interior paint and coatings systems including: paint, stains, transparent coatings, and opaque finishes

##### 1.2 RELATED SECTIONS

- A Section 05 05 13- Shop Applied Coatings for Metal
- B Section 06 01 40 - Architectural Woodwork Refinishing
- C Section 06 05 83 - Shop Applied Wood Coatings
- D Section 07 19 00 - Water Repellents
- E Section 09 67 00 - Fluid Applied Flooring for Concrete
- F Section 09 93 00 - Stains and Transparent Finishes
- G Section 09 96 00 - High-Performance Coatings

##### 1.3 REFERENCES

- A SSPC-SP 1 - Solvent Cleaning
- B SSPC-SP 2 - Hand Tool Cleaning
- C SSPC-SP 3 - Power Tool Cleaning
- D SSPC-SP 13 / NACE No. 6 Surface Preparation for Concrete
- E SCAQMD Rule 1113

## **1.4 SUBMITTALS**

- A Submit under provisions of Section 01 33 00, Submittal Procedures.
- B Product Data: Manufacturer's data sheets on each paint and coating product should include:
  - 1 Product characteristics
  - 2 Surface preparation instructions and recommendations
  - 3 Primer requirements and finish specification
  - 4 Storage and handling requirements and recommendations
  - 5 Application methods
  - 6 Clean-up information
- C Selection Samples: Submit a complete set of color chips that represent the full range of manufacturer's color samples available.
- D Coating Maintenance Manual: upon conclusion of the project, the Contractor or paint manufacture/supplier shall furnish a coating maintenance manual, such as Sherwin-Williams "Custodian Project Color and Product Information" report or equal. Manual shall include an Area Summary with finish schedule, Area Detail designating where each product/color/finish was used, product data pages, Material Safety Data Sheets, care and cleaning instructions, touch-up procedures, and color samples of each color and finish used.
- E Submit SCAQMD compliant products only.

## **1.5 MOCK-UP**

Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of painting on the project.

- A Finish surfaces for verification of products, colors, & sheens
- B Finish area designated by Architect
- C Provide samples that designate prime & finish coats
- D Do not proceed with remaining work until the Architect approves the mock-up samples

## **1.6 DELIVERY, STORAGE, AND HANDLING**

- A Delivery: Deliver manufacturer's unopened containers to the work site. Packaging shall bear the manufacture's name, label, and the following list of information:

- Product name, and type (description)
- Application & use instructions
- Surface preparation
- VOC content
- Environmental handling
- Batch date
- Color number

- B Storage: Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction. Store materials in an area that is within the acceptable temperature range, per manufacturers instructions. Protect from freezing.
- C Handling: Maintain a clean, dry storage area, to prevent contamination or damage to the coatings.

## 1.7 PROJECT CONDITIONS

- A Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not apply coatings under environmental conditions outside manufacturer's absolute limits.

## Part 2 PRODUCTS

### 2.1 MANUFACTURERS

- A Acceptable Manufacturer:  
**The Sherwin-Williams Company**  
**101 Prospect Avenue NW**  
**Cleveland, OH 44115**  
**Tel: (800) 321-8194**  
**Fax: (216) 566-1392**  
**www.sherwin-williams.com**
- B Substitutions: Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 Product Requirements.  
When submitting request for substitution, provide complete product data specified above under Submittals, for each substitute product.

### 2.2 APPLICATION/SCOPE

- A Use this article to define the scope of painting if not fully defined in a Finish Schedule or on the drawings. This article must be carefully edited to reflect the surfaces actually found on the project. In some cases, it may be enough to use the first paragraph that says, in effect, "paint everything" along with a list of items not to paint, without exhaustively defining all the different surfaces and items that must be painted.
- B If the project involves repainting some but not all existing painted surfaces, be sure to indicate the extent of the repainting.
- C The descriptions of each system can also be used to further refine the definition of what is to be painted, stained, or clear finished.
- D INDUSTRIAL MAINTENANCE COATINGS are coatings, including primers, sealers, undercoaters, intermediate coatings and topcoats, formulated for or applied to substrates, including floors, that are exposed to one or more of the following extreme environmental conditions:
  - (A) immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation;
  - (B) acute or chronic exposure to corrosive, caustic or acidic agents, or similar chemicals, chemical fumes, chemical mixtures, or solutions;
  - (C) repeated exposure to temperatures in excess of 250 degrees Fahrenheit;
  - (D) repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial solvents, cleaners, or scouring agents; or
  - (E) exterior exposure of metal structures.
- E Surfaces to Be Coated:
  - Concrete** - Poured, Precast, Tilt-Up, Cast-In-Place, Cement Board, Plaster
  - Concrete-** Floors (Non-Vehicular)
  - Masonry** - (CMU - Concrete, Split Face, Scored, Smooth, etc.)
  - Metal** – Aluminum/ Galvanizing
  - Metal Ferrous-** (Ceilings-Structural Steel, Joists, Trusses, Beams, Partitions, etc.)

**Wood** - Walls, Ceilings, Doors, Trim, Cabinet Work, etc.  
**Wood** - Floors-Painted, Stained, Varnished  
**Drywall**- Drywall board, Gypsum board

## 2.3 SCHEDULE INDEX

<b>A. CONCRETE</b> .....	6-7
<b>(Walls &amp; Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place) Including PLASTER (Walls, Ceilings)</b>	
1. Latex Systems	
<b>B. CONCRETE - (Floors, (Non-Vehicular))</b> .....	7
1. Acrylic system (Water Base)	
<b>C. MASONRY</b> .....	8-9
<b>(CMU – Concrete, Split Face, Scored, Smooth, High/Low Density, Fluted)</b>	
1. Latex Systems (Waterbased Acrylic-Alkyd)	
2. Alkyd System (Water Based)	
<b>D. METAL – Aluminum/ Galvanizing</b> .....	10-11
1. Latex Systems	
2. Alkyd System (Waterbased Acrylic-Alkyd)	
3. Dryfall Systems	
<b>E. METAL Ferrous</b> .....	12-13
<b>(Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous &amp; Ornamental Iron, Sashes, Doors, Partitions, Cabinets, Lockers)</b>	
1. Latex Systems	
2. Alkyd System (Waterbased Acrylic-Alkyd)	
3. Dryfall Systems	
<b>F. WOOD</b> .....	14-15
<b>(Walls, Ceilings, Trim, Partitions, Frames)</b>	
1. Latex Systems	
2. Alkyd System (Waterbased Acrylic-Alkyd)	
3. Stain & Polyurethane	
<b>G. WOOD - (Floors Light Foot Traffic-Painted, Stained, Varnished)</b> .....	15
1. Acrylic System (Water Base)	
2. Stain & Polyurethane	
<b>H. DRYWALL</b> .....	16-17
<b>(Walls, Ceilings, Gypsum Board, Wood Pulp Board, Plaster Board, etc.)</b>	
1. Latex Systems	
2. Alkyd System (Waterbased Acrylic-Alkyd)	

### Index of Data pages

[DATAPAGES AND MSDS SHEETS: \(To open any of the Data page Files, please click here\)](#)

\* Refer to the current MSDS/EDS for VOC content information, VOCs may vary by base. Effective January 1, 2014, SCAQMD Rule 1113 imposes specified VOC limits on colorants added at the point of sale. VOC levels in Sherwin-Williams Architectural water-based paints will not increase after tinting with zero VOC ColorCast Ecotoner Colorants.

## 2.3 SCHEDULE

### A CONCRETE - (Walls & Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place) Including PLASTER (Walls, Ceilings)

#### 1. Latex Systems

##### a. Gloss

- 1st Coat: S-W Loxon® Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)  
2nd Coat: S-W Solo™ Acrylic Gloss, A77 Series  
3rd Coat: S-W Solo Acrylic Gloss, A77 Series  
(4 mils wet, 1.6 mils dry per coat)

##### b. Semi-Gloss Finish

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)  
2nd Coat: S-W ProMar® 200 Zero VOC Latex Semi-Gloss, B31-2600 Series  
3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

##### Alternate:

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)  
2nd Coat: S-W Harmony® Interior Latex Semi-Gloss, B10 Series  
3rd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series  
(4 mils wet, 1.6 mils dry per coat)

##### c. Eg-Shel Finish

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)  
2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series  
3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series  
(4 mils wet, 1.7 mils dry per coat)

##### Alternate:

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)  
2nd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series  
3rd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series  
(4 mils wet, 1.7 mils dry per coat)

**A CONCRETE - (Walls & Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place)(Cont.)**

**1. Latex Systems**

**d. Low Sheen Finish**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**e. Flat Finish**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Flat, B5 Series
- 3rd Coat: S-W Harmony Interior Latex Flat, B5 Series  
(4 mils wet, 1.8 mils dry per coat)

**B. CONCRETE Floors (Non-Vehicular)**

**1. Acrylic system**

**a. Satin Floor Finish**

- 1st Coat: S-W Porch & Floor Enamel, A32-100 Series
- 2nd Coat: S-W Porch & Floor Enamel, A32-100 Series  
(4mils wet; 1.5 mils dry per coat)

<p><b>** NOTE TO SPECIFIER** FOR HIGH PERFORMANCE SYSTEMS REFER TO 09 67 00</b></p>
---



**C. MASONRY - (CMU - Concrete, Split Face, Scored, Smooth, High/Low Density, Fluted)**

**1. Latex Systems**

**a. Gloss Finish**

- 1st Coat: S-W PrepRite® Block Filler, B25W25  
(75-125 sq ft/gal)
- 2nd Coat: S-W Solo Acrylic Gloss A77 Series
- 3rd Coat: S-W Solo Acrylic Gloss A77 Series  
(4 mils wet, 1.6 mils dry per coat)

**b. Semi-Gloss Finish**

- 1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series  
(4 mils wet, 1.6mils dry per coat)

**Alternate:**

- 1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)
- 2nd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series
- 3rd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series  
(4 mils wet, 1.6 mils dry per coat)

**c. Eg-Shel Finish**

- 1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series  
(4 mils wet, 1.7 mils dry per coat)

**Alternate:**

- 1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)
- 2nd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series
- 3rd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series  
(4 mils wet, 1.7 mils dry per coat)

**C. MASONRY - (CMU - Concrete, Split Face, Scored, Smooth, High/Low Density, Fluted)(Cont.)**

**1. Latex Systems**

- d. Low Sheen Finish  
1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)  
2nd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series  
3rd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

- e. Flat Finish  
1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)  
2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series  
3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)  
2nd Coat: S-W Harmony Interior Latex Flat, B5 Series  
3rd Coat: S-W Harmony Interior Latex Flat, B5 Series  
(4 mils wet, 1.8 mils dry per coat)

**2. Alkyd Systems (Waterbased Acrylic-Alkyd)**

- a. Semi-Gloss Finish  
1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)  
2nd Coat: S-W ProClassic® Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series  
3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series  
(4 mils wet, 1.6 mils dry per coat)
- b. Satin Finish  
1st Coat: S-W PrepRite Block Filler, B25W25  
(75-125 sq ft/gal)  
2nd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series  
3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series  
(4 mils wet, 1.6 mils dry per coat)

**D. METAL – Aluminum/ Galvanizing**

**1. Latex Systems**

- a. Gloss
- 1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer, B66-310 Series (5-10 mils wet, 2-4 mils dry)
  - 2nd Coat: S-W Solo Acrylic Gloss, A77 Series
  - 3rd Coat: S-W Solo Acrylic Gloss, A77 Series (4 mils wet, 1.6 mils dry per coat)
- b. Semi-Gloss Finish
- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series (5-10 mils wet, 2-4 mils dry)
  - 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series
  - 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series (4 mils wet, 1.6 mils dry per coat)
- Alternate:**
- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series (5-10 mils wet, 2-4 mils dry)
  - 2nd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series
  - 3rd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series (4 mils wet, 1.6 mils dry per coat)
- c. Eg-Shel Finish
- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series (5-10 mils wet, 2-4 mils dry)
  - 2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series
  - 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series (4 mils wet, 1.7 mils dry per coat)
- Alternate:**
- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series (5-10 mils wet, 2-4 mils dry)
  - 2nd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series
  - 3rd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series (4 mils wet, 1.7 mils dry per coat)
- d. Low Sheen Finish
- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series (5-10 mils wet, 2-4 mils dry)
  - 2nd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series
  - 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series (4 mils wet, 1.6 mils dry per coat)

**D. METAL – Aluminum/ Galvanizing (Cont.)**

**1. Latex Systems**

**e. Flat Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Flat, B5 Series
- 3rd Coat: S-W Harmony Interior Latex Flat, B5 Series  
(4 mils wet, 1.8 mils dry per coat)

**2. Alkyd Systems (Waterbased Acrylic-Alkyd)**

**a. Semi-Gloss Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series
- 3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series  
(4 mils wet, 1.6 mils dry per coat)

**b. Satin Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series
- 3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series  
(4 mils wet, 1.6 mils dry per coat)

**3. Dryfall Waterborne Topcoats**

**a. Semi-Gloss Finish**

- 1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-80 Series
- 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-80 Series  
(5.8 mils wet, 2.3 mils dry)

**b. Eg-Shel Finish**

- 1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-80 Series
- 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-80 Series  
(6.0 mils wet, 1.9 mils dry)

**c. Flat Finish**

- 1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Flat, B42-80 Series
- 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Flat, B42-80 Series  
(6.0 mils wet, 1.7 mils dry)

**E. METAL Ferrous -(Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous & Ornamental Iron, Structural Iron)**

**1. Latex Systems**

**a. Gloss Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Solo Acrylic Gloss, A77 Series
- 3rd Coat: S-W Solo Acrylic Gloss, A77 Series  
(4 mils wet, 1.6 mils dry per coat)

**b. Semi-Gloss Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series
- 3rd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series  
(4 mils wet, 1.6 mils dry per coat)

**c. Eg-Shel Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series  
(4 mils wet, 1.7 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series
- 3rd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series  
(4 mils wet, 1.7 mils dry per coat)

**d. Low Sheen Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**E. METAL Ferrous- (Structural Steel, etc.) (Cont)**

**1. Latex Systems**

**e. Flat Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Flat, B5 Series
- 3rd Coat: S-W Harmony Interior Latex Flat, B5 Series  
(4 mils wet, 1.6 mils dry per coat)

**2. Alkyd Systems (Waterbased Acrylic-Alkyd)**

**a. Semi-Gloss Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series
- 3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series  
(4 mils wet, 1.6 mils dry per coat)

**b. Satin Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series
- 3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series  
(4 mils wet, 1.6 mils dry per coat)

**3. Dryfall Waterborne Topcoats**

**a. Semi-Gloss Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-80 Series
- 3rd Coat: Optional  
(5.8 mils wet, 2.3 mils dry)

**b. Eg-Shel Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-80 Series
- 3rd Coat: Optional  
(6.0 mils wet, 1.9 mils dry)

**c. Flat Finish**

- 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series  
(5-10 mils wet, 2-4 mils dry)
- 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall, B42-80 Series
- 3rd Coat: Optional  
(6.0 mils wet, 1.7 mils dry)

**\*\* NOTE TO SPECIFIER\*\* FOR HIGH PERFORMANCE SYSTEMS REFER TO 09 96 00**

**F. WOOD- (Walls, Ceilings, Doors, Trim, Cabinet Work, Partitions, Frames [Including Oak, Birch, Poplar, Southern Pine, Douglas Fir])**

**1. Latex Systems**

**a. Gloss Finish**

- 1st Coat: S-W Multi-Purpose Latex Primer, B51 Series  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W Solo Acrylic Gloss A77 Series
- 3rd Coat: S-W Solo Acrylic Gloss A77 Series  
(4 mils wet, 1.6 mils dry per coat)

**b. Semi-Gloss Finish**

- 1st Coat: S-W Multi-Purpose Latex Primer, B51 Series  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series
- 3rd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series  
(4 mils wet, 1.6 mils dry per coat)

**c. Eg-Shel Finish**

- 1st Coat: S-W Multi-Purpose Latex Primer, B51 Series  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series  
(4 mils wet, 1.7 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series
- 3rd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series  
(4 mils wet, 1.7 mils dry per coat)

**d. Low Sheen Finish**

- 1st Coat: S-W Multi-Purpose Latex Primer, B51 Series  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**F. WOOD (Walls, Ceilings, Doors, Trim, etc.) (Cont)**

**1. Latex Systems**

**e. Flat Finish**

- 1st Coat: S-W Multi-Purpose Latex Primer, B51 Series  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Flat, B5 Series
- 3rd Coat: S-W Harmony Interior Latex Flat, B5 Series  
(4 mils wet, 1.8 mils dry per coat)

**2. Stain & Polyurethane**

**a. Clear Finish**

- 1st Coat: S-W Minwax® 250 Stain (Optional)
- 2nd Coat: S-W Minwax Waterbased Polyurethane, Satin, Semi-Gloss, Gloss
- 3rd Coat: S-W Minwax Waterbased Polyurethane, Satin, Semi-Gloss, Gloss  
(~500 square feet per gallon)

**G. WOOD (Floors Light Foot Traffic-Painted, Stained, Varnished)**

**1. Acrylic System (water base)**

**a. Satin Finish**

- 1st Coat: S-W Porch & Floor Enamel, A32-100 series
- 2nd Coat: S-W Porch & Floor Enamel, A32-100 series  
(4 mils wet, 1.5 mils dry)

**2. Stain & Polyurethane System**

**a. Gloss/ Semi-Gloss/ Satin Finish**

- 1st Coat: S-W Minwax® 250 Stain (Optional)
- 2nd Coat: S-W Minwax Waterbased Polyurethane, Satin, Semi-Gloss, Gloss
- 3rd Coat: S-W Minwax Waterbased Polyurethane, Satin, Semi-Gloss, Gloss  
(~ 500 square feet per gallon)



**H. DRYWALL (Walls, Ceilings, Gypsum Board, Wood Pulp Board, Plaster Board, etc.)**

**1. Latex Systems**

**a. Gloss Finish**

1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)

2nd Coat: S-W Solo Acrylic Gloss, A77 Series

3rd Coat: S-W Solo Acrylic Gloss, A77 Series  
(4 mils wet, 1.6 mils dry per coat)

**b. Semi-Gloss Finish**

1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series

3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

1st Coat: S-W Harmony Interior Latex Primer, B11 Series  
(4 mils wet, 1.3 mils dry)

2nd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series

3rd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series  
(4 mils wet, 1.6 mils dry per coat)

**c. Eg-Shel Finish**

1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series

3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series  
(4 mils wet, 1.7 mils dry per coat)

**Alternate:**

1st Coat: S-W Harmony Interior Latex Primer, B11 Series  
(4 mils wet, 1.3 mils dry)

2nd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series

3rd Coat: S-W Harmony Interior Latex Eg-Shel, B9 Series  
(4 mils wet, 1.7 mils dry per coat)

**H. DRYWALL (Walls, Ceilings, Gypsum Board, Wood Pulp Board, Plaster Board, etc.) (Cont.)**

**1. Latex Systems**

**d. Low Sheen Finish**

- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Sheen Enamel, B24-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**e. Flat Finish**

- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-2600 Series  
(4 mils wet, 1.6 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Harmony Interior Latex Primer, B11 Series  
(4 mils wet, 1.3 mils dry)
- 2nd Coat: S-W Harmony Interior Latex Flat, B5 Series
- 3rd Coat: S-W Harmony Interior Latex Flat, B5 Series  
(4 mils wet, 1.8 mils dry per coat)

**2. Alkyd Systems (Waterbased Acrylic-Alkyd)**

**a. Semi-Gloss Finish**

- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series
- 3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Semi-Gloss, B34-850 Series  
(4 mils wet, 1.6 mils dry per coat)

**b. Satin Finish**

- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series
- 3rd Coat: S-W ProClassic Waterbased Acrylic-Alkyd Satin, B33-850 Series  
(4 mils wet, 1.6 mils dry per coat)

## 2.4 MATERIALS - GENERAL REQUIREMENTS

- A Paints and Coatings - General:
  - 1 Unless otherwise indicated, provide factory-mixed coatings. When required, mix coatings to correct consistency in accordance with manufacturer's instructions before application. Do not reduce, thin, or dilute coatings or add materials to coatings unless such procedure is specifically described in manufacturer's product instructions.
- B Primers:
  - 1 Where the manufacturer offers options on primers for a particular substrate, use primer categorized as "best" by the manufacturer.

## 2.5 ACCESSORIES

- A Coating Application Accessories:
  - 1 Provide all primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials required, per manufacturer's specifications.

## Part 3 EXECUTION

### 3.1 EXAMINATION

- A Do not begin application of coatings until substrates have been properly examined and prepared. Notify Architect of unsatisfactory conditions before proceeding.
- B If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C Proceed with work only after conditions have been corrected and approved by all parties, otherwise application of coatings will be considered as an acceptance of surface conditions.
- D Previously Painted Surfaces: Verify that existing painted surfaces do not contain lead based paints, notify Architect immediately if lead based paints are encountered.

**(Specifier Note:** Verify the existence of lead based paints on the project. Buildings constructed after 1978 are less likely to contain lead based paints. If lead based paints are suspected on the project, all removal must be done in accordance with the EPA Renovation, Repair and Painting rule and all applicable state and local regulations. State and local regulations may be more strict than those set under the federal regulations. Verify that Owner has completed a Hazardous Material Assessment Report for the project prior to issuing of Drawings. Concluding that no lead based paints were found on project site, delete paragraph regarding lead based paints.)

### 3.2 SURFACE PREPARATION:

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority. Removal must be done in accordance with EPA Renovation, Repair and Painting Rule and all related state and local regulations. Care should be taken to follow all state and local regulations which may be more strict than those set under the federal RRP Rule.

- A Proper product selection, surface preparation and application affect coating performance. Coating integrity and service life will be reduced because of improperly prepared surfaces. Selection and implementation of proper surface preparation ensures coating adhesion to the substrate and prolongs the service life of the coating system.
- B Selection of the proper method of surface preparation depends on the substrate, the environment, and the expected service life of the coating system. Economics, surface contamination, and the effect on the substrate will also influence the selection of surface preparation methods.
- C The surface must be dry and in sound condition. Remove oil, dust, dirt, loose rust, peeling paint or other contamination to ensure good adhesion.
- D Remove mildew before painting by washing with a solution of 1 part liquid household bleach and 3 parts of warm water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry at least 48 hours before painting. Wear protective glasses or goggles, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.
- E No exterior painting should be done immediately after a rain, during foggy weather, when rain is predicted, or when the temperature is below 50°F unless the specified product is designed for the marginal conditions.

**F Methods**

- 1 Aluminum  
Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP1, Solvent Cleaning.
- 2 Block (Cinder and Concrete)  
Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement, and hardeners. Concrete and mortar must be cured at least 30 days at 75°F. The pH of the surface should be between 6 and 9, unless the products are designed to be used in high pH environments. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary to prepare the surface. Fill bug holes, air pockets, and other voids with a cement patching compound.
- 3 Concrete, SSPC-SP13 or NACE 6  
This standard gives requirements for surface preparation of concrete by mechanical, chemical, or thermal methods prior to the application of bonded protective coating or lining systems. The requirements of this standard are applicable to all types of cementitious surfaces including cast-in-place concrete floors and walls, precast slabs, masonry walls, and shotcrete surfaces. An acceptable prepared concrete surface should be free of contaminants, laitance, loosely adhering concrete, and dust, and should provide a sound, uniform substrate suitable for the application of protective coating or lining systems.
- 4 Cement Composition Siding/Panels  
Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Pressure clean, if needed, with a minimum of 2100 psi pressure to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. The pH of the surface should be between 6 and 9, unless the products are designed to be used in high pH environments.
- 5 Copper and Stainless Steel  
Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP 2, Hand Tool Cleaning.

- 6 Drywall—Interior  
Must be clean and dry. All nail heads must be set and spackled. Joints must be taped and covered with a joint compound. Spackled nail heads and tape joints must be sanded smooth and all dust removed prior to painting.
- 7 Galvanized Metal  
Clean per SSPC-SP1 using detergent and water or a degreasing cleaner to remove greases and oils. Apply a test area, priming as required. Allow the coating to dry at least one week before testing. If adhesion is poor, Brush Blast per SSPC-SP7 is necessary to remove these treatments.
- 8 Plaster  
Must be allowed to dry thoroughly for at least 30 days before painting, unless the products are designed to be used in high pH environments. Room must be ventilated while drying; in cold, damp weather, rooms must be heated. Damaged areas must be repaired with an appropriate patching material. Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.
- 9 Steel: Structural, Plate, etc.  
Should be cleaned by one or more of the surface preparations described below. These methods are used throughout the world for describing methods for cleaning structural steel. Visual standards are available through the Society of Protective Coatings. A brief description of these standards together with numbers by which they can be specified follow.
- 10 Solvent Cleaning, SSPC-SP1  
Solvent cleaning is a method for removing all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants. Solvent cleaning does not remove rust or mill scale. Change rags and cleaning solution frequently so that deposits of oil and grease are not spread over additional areas in the cleaning process. Be sure to allow adequate ventilation.
- 11 Hand Tool Cleaning, SSPC-SP2  
Hand Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Before hand tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1.
- 12 Power Tool Cleaning, SSPC-SP3  
Power Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Before power tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1.
- 13 White Metal Blast Cleaning, SSPC-SP5 or NACE 1  
A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods.
- 14 Commercial Blast Cleaning, SSPC-SP6 or NACE 3  
A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 33 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied

paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods.

15 Brush-Off Blast Cleaning, SSPC-SP7 or NACE 4

A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose paint. Tightly adherent mill scale, rust, and paint may remain on the surface. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods.

16 Power Tool Cleaning to Bare Metal, SSPC-SP11

Metallic surfaces that are prepared according to this specification, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxide corrosion products, and other foreign matter. Slight residues of rust and paint may be left in the lower portions of pits if the original surface is pitted. Prior to power tool surface preparation, remove visible deposits of oil or grease by any of the methods specified in SSPC-SP1, Solvent Cleaning, or other agreed upon methods.

17 Near-White Blast Cleaning, SSPC-SP10 or NACE 2

A Near White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods.

18 High- and Ultra-High Pressure Water Jetting for Steel and Other Hard Materials  
SSPC-SP12 or NACE 5

This standard provides requirements for the use of high- and ultra-high pressure water jetting to achieve various degrees of surface cleanliness. This standard is limited in scope to the use of water only without the addition of solid particles in the stream.

19 Water Blasting, NACE Standard RP-01-72

Removal of oil grease dirt, loose rust, loose mill scale, and loose paint by water at pressures of 2,000 to 2,500 psi at a flow of 4 to 14 gallons per minute.

20 Vinyl Siding, Architectural Plastics, and Fiberglass

Clean vinyl siding thoroughly by scrubbing with a warm, soapy water solution. Rinse thoroughly. Do not paint with any color darker than the original siding, unless the paint system features Sherwin-Williams VinylSafe technology. Painting with darker colors that are not Sherwin-Williams VinylSafe may cause siding to warping.

21 Wood

Must be clean and dry. Knots and pitch streaks must be scraped, sanded, and spot primed before a full priming coat is applied. Patch all nail holes and imperfections with a wood filler or putty and sand smooth.

### **3.3 INSTALLATION**

- A Apply all coatings and materials with the manufacturer's specifications in mind. Mix and thin coatings according to manufacturer's recommendation.
- B Do not apply to wet or damp surfaces.
  - 1 Wait at least 30 days before applying to new concrete or masonry. Or follow manufacturer's procedures to apply appropriate coatings prior to 30 days.
  - 2 Test new concrete for moisture content.
  - 3 Wait until wood is fully dry
- C Apply coatings using methods recommended by manufacturer.
- D Uniformly apply coatings without runs, drips, or sags, without brush marks, and with consistent sheen.
- E Apply coatings at spreading rate required to achieve the manufacturers recommended dry film thickness.
- F Regardless of number of coats specified, apply as many coats as necessary for complete hide, and uniform appearance.
- G Inspection: The coated surface must be inspected and approved by the Architect or Engineer just prior to the application of each coat.

### **3.4 PROTECTION**

- A Protect finished coatings from damage until completion of project.
- B Touch-up damaged coatings after substantial completion, following manufacturer's recommendation for touch up or repair of damaged coatings. Repair any defects that will hinder the performance of the coatings.

### **3.5 SCHEDULES**

Specifier Note: Cut and paste the coatings system schedule here (specified in section 2.3 PAINT SCHEDULE), otherwise delete this section.
---

**END OF SECTION05162013**