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**ISSUED May 2013**

**09 96 00-CARB INTERIOR HIGH PERFORMANCE COATINGS  
INDUSTRIAL PAINTING**

**THE SHERWIN-WILLIAMS COMPANY**

**INDUSTRIAL 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 offers latex, alkyd, epoxy, water-based epoxy, water-based urethanes and urethane systems. Each type also includes the various degrees of gloss available.

CARB (California Air Resource Board) VOC (Volatile Organic Compound) regulations have been taken into consideration, but we suggest that verifying product selections meet the requirements of the area in which they are to be used. If the project is located within the OTC, CARB, SCAQMD or other VOC regulated regions; one must comply with the regulations regarding VOCs. To ensure compliance with district regulations and rules, businesses that perform coating activities in one or more areas of California should contact the local district in each area where the coating will be used. As of the date of printing all the Sherwin-Williams coatings in this specification are CARB 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.

For more information on coating rules applicable to CA locations go to  
<http://www.arb.ca.gov/coatings/coatingsrules.htm>

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

## SECTION 09 96 00

### INDUSTRIAL PAINTS AND COATINGS



#### Part 1 GENERAL

##### 1.1 SECTION INCLUDES

- A Interior paint and coatings systems including: latex, alkyd, epoxy, water-based epoxy, water-based urethane and urethanes

##### 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 CARB (California Air Resources Board)

#### **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 manufacture'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 CARB 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 manufactures name, label, and the following list of information:

- Product name, 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
  - Concrete** - Ceilings
  - Masonry**- (CMU - Concrete, Split Face, Scored, Smooth, etc.)
  - Metal** – Galvanized/Aluminum
  - Metal Ferrous**- (Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous etc.)
  - Metal** - (Ceilings-Structural Steel, Joists, Trusses, Beams, etc.) - Dryfall Coatings
  - Wood** - Walls, Ceilings, Doors, Trim, Cabinet Work, etc.

**Drywall-** Drywall board, Gypsum board  
**Plaster** - Walls, Ceilings

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

**Refer to the current MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.**

## 2.3 SCHEDULE

### 1 Light/Moderate Industrial Exposures: Interior Dry

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

##### 1. Latex Systems

###### a. Gloss Finish

- 1st Coat: S-W Loxon® Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W DTM Acrylic Coating Gloss, B66-100 Series
- 3rd Coat: S-W DTM Acrylic Coating Gloss, B66-100 Series  
(2.5 - 4.0 mils dry per coat)

###### Alternate:

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Pro Industrial™ Gloss Acrylic, B66-600 Series
- 3rd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series  
(2.5 - 4.0 mils dry per coat)

###### b. Semi-Gloss Finish

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2<sup>nd</sup> Coat: S-W Solo™ Acrylic Semi-Gloss, A76 Series
- 3<sup>rd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series  
(4.0 mils wet, 1.5 mils dry per coat)

###### Alternate:

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series
- 3rd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series  
(2.5 - 4.0 mils dry per coat)

###### c. Low Sheen/Eg-Shel Finish

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Bond-Plex Waterbased Acrylic, B71-200 Series  
(2.0 - 4.0 mils dry per coat)

###### Alternate:

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series
- 3rd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series  
(2.5 - 4.0 mils dry per coat)



- 1 **Light/Moderate Industrial Exposures: Interior Dry**
- A. **CONCRETE - Smooth (Walls & Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place)(Cont.)**
1. **Latex Systems**
  - d. Flat Finish
    - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
    - 2nd Coat: S-W DTM Acrylic Primer/Finish, B66W1  
(2.5 - 5.0 mils dry per coat)
2. **Alkyd System (Waterbased Alkyd-Acrylic)**
  - a. Gloss Finish
    - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
    - 2nd Coat: S-W Waterbased Industrial Enamel, B53-300 Series
    - 3rd Coat: S-W Waterbased Industrial Enamel, B53-300 Series  
(4.5 mils wet, 1.5 mils dry per coat)
3. **Epoxy Systems (Water Base)**
  - a. Gloss Finish
    - 1st Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series
    - 2nd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
(2.5- 3 mils dry per coat)

**Alternate:**

    - 1st Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series
    - 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
(2.0- 4 mils dry per coat)
  - b. Semi-Gloss Finish
    - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
    - 2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss, K46 Series
    - 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss, K46 Series (4 mils wet, 1.5 mils dry per coat)
  - c. Eg-Shel Finish
    - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
    - 2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series
    - 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
(4 mils wet, 1.5 mils dry per coat)

**Alternate:**

    - 1st Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series
    - 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
(2.0- 4 mils dry per coat)

**1 Light/Moderate Industrial Exposures: Interior Dry**  
**A. CONCRETE - Smooth (Walls & Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place)(Cont.)**

**4. Epoxy Systems (Solvent Base)**

- a. Semi-Gloss Finish
  - 1st Coat: S-W Macropoxy® 646 Fast Cure Epoxy, B58-600 Series
  - 2nd Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series (5-10 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series
- 2nd Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series (5-10 mils dry per coat)

**5. Urethane System (Water Base)**

- a. Gloss Finish
  - 1st Coat: S-W Heavy Duty Block Filler, B42W46 (18 mils wet, 10 mils dry)
  - 2nd Coat: S-W Waterbased Acrolon® 100, B65-720 Series
  - 3rd Coat: S-W Waterbased Acrolon 100, B65-720 Series (2- 4 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Heavy Duty Block Filler, B42W46 (18 mils wet, 10 mils dry)
- 2nd Coat: S-W HydroGloss Waterbased Urethane, B65-180 Series
- 3rd Coat: S-W HydroGloss Waterbased Urethane, B65-180 Series (2.0 - 4.0 mils dry per coat)

**B. CONCRETE (Ceilings)**

**1 Multi-Surface Acrylic Coating**

- a. Gloss Finish
  - 1st Coat: S-W Pro Industrial Multi-Surface Acrylic Gloss, B66-500 Series
  - 2nd Coat: S-W Pro Industrial Multi-Surface Acrylic Gloss, B66-500 Series (1.5-2 mils dry per coat)
- b. Eg-Shel Finish
  - 1st Coat: S-W Pro Industrial Multi-Surface Acrylic Eg-Shel, B66-560 Series
  - 2nd Coat: S-W Pro Industrial Multi-Surface Acrylic Eg-Shel, B66-560 Series (1.5-2 mils dry per coat)

**2. Dryfall Waterborne Systems**

- a. Semi-Gloss Finish
  - 1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-80
  - 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-80 (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
  - 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-80 (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)

- 1**      **Light/Moderate Industrial Exposures: Interior Dry**  
**C**      **MASONRY – (CMU - Concrete, Split Face, Scored, Smooth, High/Low Density, Fluted)**  
**1.**      **Latex Systems**
- a.      Gloss Finish  
1st Coat:    S-W Heavy Duty Block Filler, B42W46  
                 (18 mils wet, 10 mils wet)  
2nd Coat:    S-W DTM Acrylic Coating Gloss, B66-100 Series  
3rd Coat:    S-W DTM Acrylic Coating Gloss, B66-100 Series  
                 (2.5 - 4.0 mils dry per coat)
- Alternate:**  
1st Coat:    S-W Heavy Duty Block Filler, B42W46  
                 (18 mils wet, 10 mils wet)  
2nd Coat:    S-W Pro Industrial Gloss Acrylic, B66-600 Series  
3rd Coat:    S-W Pro Industrial Gloss Acrylic, B66-600 Series  
                 (2.5 - 4.0 mils dry per coat)
- b.      Semi-Gloss Finish  
1st Coat:    S-W Heavy Duty Block Filler, B42W46  
                 (18 mils wet, 10 mils wet)  
2<sup>nd</sup> Coat:    S-W Solo Acrylic Semi-Gloss, A76 Series  
3<sup>rd</sup> Coat:    S-W Solo Acrylic Semi-Gloss, A76 Series  
                 (4.0 mils wet, 1.5 mils dry per coat)
- Alternate:**  
1st Coat:    S-W Heavy Duty Block Filler, B42W46  
                 (18 mils wet, 10 mils wet)  
2nd Coat:    S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series  
3rd Coat:    S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series  
                 (2.5 - 4.0 mils dry per coat)
- c.      Low Sheen/Eg-Shel Finish  
1st Coat:    S-W Heavy Duty Block Filler, B42W46  
                 (18 mils wet, 10 mils wet)  
2nd Coat:    S-W Bond-Plex Waterbased Acrylic, B71-200 Series  
3rd Coat:    S-W Bond-Plex Waterbased Acrylic, B71-200 Series  
                 (2.0 - 4.0 mils dry per coat)
- Alternate:**  
1st Coat:    S-W Heavy Duty Block Filler, B42W46  
                 (18 mils wet, 10 mils wet)  
2nd Coat:    S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series  
3rd Coat:    S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series  
                 (2.5 - 4.0 mils dry per coat)
- d.      Flat Finish  
1st Coat:    S-W Heavy Duty Block Filler, B42W46  
                 (18 mils wet, 10 mils wet)  
2nd Coat:    S-W DTM Acrylic Primer/Finish, B66W1  
3rd Coat:    S-W DTM Acrylic Primer/Finish, B66W1  
                 (2.5 - 5.0 mils dry per coat)

- 1 **Light/Moderate Industrial Exposures: Interior Dry**
- C. **MASONRY –**  
**(CMU - Concrete, Split Face, Scored, Smooth, High/ Low Density, Fluted) (Cont.)**
2. **Alkyd System (Waterbased Alkyd-Acrylic)**
  - a. Gloss Finish
    - 1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)
    - 2nd Coat: S-W Waterbased Industrial Enamel, B53-300 Series
    - 3rd Coat: S-W Waterbased Industrial Enamel, B53-300 Series  
(4.5 mils wet, 1.5 mils dry per coat)
3. **Epoxy System (Water Base)**
  - a. Gloss Finish
    - 1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)
    - 2nd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series
    - 3rd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
(2.5-3 mils dry per coat)

**Alternate:**

    - 1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)
    - 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series
    - 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
(2.0- 4 mils dry per coat)
  - b. Semi-Gloss Finish
    - 1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)
    - 2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss, K46 Series
    - 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss, K46 Series  
(4 mils wet, 1.5 mils dry per coat)
  - c. Eg-Shel Finish
    - 1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)
    - 2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series
    - 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
(4 mils wet, 1.5 mils dry per coat)

**Alternate:**

    - 1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)
    - 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series
    - 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
(2.0- 4 mils dry per coat)

- 1 **Light/Moderate Industrial Exposures: Interior Dry**
- C. **MASONRY –**  
**(CMU - Concrete, Split Face, Scored, Smooth, High/ Low Density, Fluted)(Cont.)**
4. **Epoxy Systems (Solvent Base Finish)**
- a. **Semi-Gloss Finish**  
1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)  
2nd Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
3rd Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
(5-10 mils dry per coat)
- Alternate:**  
1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils wet)  
2nd Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
3rd Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
(5-10 mils dry per coat)
5. **Urethane Systems (Water Base)**
- a. **Gloss Finish**  
1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils dry)  
2nd Coat: S-W Waterbased Acrolon 100, B65-720 Series  
3rd Coat: S-W Waterbased Acrolon 100, B65-720 Series  
(2- 4 mils dry per coat)
- Alternate:**  
1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils dry)  
2nd Coat: S-W HydroGloss Waterbased Urethane, B65-180 Series  
3rd Coat: S-W HydroGloss Waterbased Urethane, B65-180 Series  
(2.0 - 4.0 mils dry per coat)
6. **Urethane Systems (Solvent Base Finish)**
- a. **Gloss Finish**  
1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils dry)  
2nd Coat: S-W Hi-Solids Polyurethane 100 Gloss, B65-625 Series  
3rd Coat: S-W Hi-Solids Polyurethane 100 Gloss, B65-625 Series  
(3-4 mils dry per coat)
- b. **Semi-Gloss Finish**  
1st Coat: S-W Heavy Duty Block Filler, B42W46  
(18 mils wet, 10 mils dry)  
2nd Coat: S-W Hi-Solids Polyurethane 100 Semi-Gloss, B65-630 Series  
3rd Coat: S-W Hi-Solids Polyurethane 100 Semi-Gloss, B65-630 Series  
(3-4 mils dry per coat)

NOTE: FOR A HARDER, MORE MOISTURE RESISTANT EPOXY OR URETHANE FINISH OR FOR AREAS UNDER HEAVIER MOISTURE CONDITIONS, USE SHERWIN-WILLIAMS KEM CATI-COAT HS EPOXY FILLER/SEALER B42W400 SERIES

**1 Light/Moderate Industrial Exposures: Interior Dry**

**D. Metal- Galvanized/ Aluminum**

**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 DTM Acrylic Coating Gloss, B66-100 Series
- 3rd Coat: S-W DTM Acrylic Coating Gloss, B66-100 Series  
(2.5 - 4.0 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 Pro Industrial Gloss Acrylic, B66-600 Series
- 3rd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series  
(2.5 - 4.0 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 per coat)
- 2<sup>nd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series
- 3<sup>rd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series  
(4.0 mils wet, 1.5 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 Pro Industrial Semi-Gloss Acrylic, B66-650 Series
- 3rd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series  
(2.5 - 4.0 mils dry per coat)

**c. Low Sheen/Eg-Shel**

- 1st Coat: S-W Bond-Plex Waterbased Acrylic, B71-200 Series
- 2nd Coat: S-W Bond-Plex Waterbased Acrylic, B71-200 Series  
(2.0 - 4.0 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 Pro Industrial Eg-Shel Acrylic, B66-660 Series
- 3rd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series  
(2.5 - 4.0 mils dry per coat)

**d. Flat Finish**

- 1st Coat: S-W DTM Acrylic Primer/Finish, B66W1
- 2nd Coat: S-W DTM Acrylic Primer/Finish, B66W1  
(2.5 - 5.0 mils dry per coat)

- 1 **Light/Moderate Industrial Exposures: Interior Dry**
- D. **Metal- Galvanized/ Aluminum (Cont.)**
2. **Alkyd System (Waterbased Alkyd-Acrylic)**
  - 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 Waterbased Industrial Enamel, B53-300 Series
    - 3rd Coat: S-W Waterbased Industrial Enamel, B53-300 Series  
(4.5 mils wet, 1.5 mils dry per coat)
3. **Epoxy Systems (Water Base)**
  - a. Gloss Finish
    - 1st Coat: S-W Water Based Catalyzed Epoxy Gloss, B70 Series/ B60V15
    - 2nd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70 Series/ B60V15  
(2.5 - 3.0 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 Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series
    - 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
(2.0- 4 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 Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series
    - 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series (4 mils wet, 1.5 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 Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series
    - 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
(4 mils wet, 1.5 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 Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series
    - 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
(2.0- 4 mils dry per coat)

- 1 **Light/Moderate Industrial Exposures: Interior Dry**
- D. **Metal- Galvanized/ Aluminum (Cont.)**
4. **Epoxy Systems (Solvent Base)**
  - a. Semi-Gloss Finish
    - 1st Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series
    - 2nd Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
(5-10 mils dry per coat)
  - Alternate:**
    - 1st Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series
    - 2nd Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
(5-10 mils dry per coat)
5. **Urethane Systems (Water Base)**
  - a. Gloss Finish
    - 1st Coat: S-W DTM Wash Primer, B71Y1  
(0.7-1.3 mils dry)
    - 2nd Coat: S-W Waterbased Acrolon 100, B65-720 Series
    - 3rd Coat: S-W Waterbased Acrolon 100, B65-720 Series  
(2- 4 mils dry per coat)
6. **Urethane Systems (Solvent Base)**
  - a. Gloss Finish
    - 1st Coat: S-W DTM Wash Primer, B71Y1  
(0.7-1.3 mils dry)
    - 2nd Coat: S-W Hi-Solids Polyurethane 100 Gloss, B65-625 Series
    - 3rd Coat: S-W Hi-Solids Polyurethane 100 Gloss, B65-625 Series  
(3-4 mils dry per coat)
  - b. Semi-Gloss Finish
    - 1st Coat: S-W DTM Wash Primer, B71Y1  
(0.7-1.3 mils dry)
    - 2nd Coat: S-W Hi-Solids Polyurethane 100 Semi-Gloss, B65-630 Series
    - 3rd Coat: S-W Hi-Solids Polyurethane 100 Semi-Gloss, B65-630 Series  
(3-4 mils dry per coat)
7. **Multi-Surface Acrylic Coating**
  - a. Gloss Finish
    - 1st Coat: S-W Pro Industrial Multi-Surface Acrylic Gloss, B66-500 Series
    - 2nd Coat: S-W Pro Industrial Multi-Surface Acrylic Gloss, B66-500 Series  
(1.5-2 mils dry per coat)
  - b. Eg-Shel Finish
    - 1st Coat: S-W Pro Industrial Multi-Surface Acrylic Eg-Shel, B66-560 Series
    - 2nd Coat: S-W Pro Industrial Multi-Surface Acrylic Eg-Shel, B66-560 Series  
(1.5-2 mils dry per coat)



- 1 **Light/Moderate Industrial Exposures: Interior Dry**
- D. **Metal- Galvanized/ Aluminum (Cont.)**
8. **Dryfall Waterborne Systems**
  - 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)

- 1 **Light/Moderate Industrial Exposures: Interior 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 DTM Acrylic Coating Gloss, B66-100 Series
  - 3rd Coat: S-W DTM Acrylic Coating Gloss, B66-100 Series (2.5 - 4.0 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 Pro Industrial Gloss Acrylic, B66-600 Series
- 3rd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series (2.5 - 4.0 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)
  - 2<sup>nd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series
  - 3<sup>rd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series (4.0 mils wet, 1.5 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 Pro Industrial Semi-Gloss Acrylic, B66-650 Series
- 3rd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series (2.5 - 4.0 mils dry per coat)

**1**      **Light/Moderate Industrial Exposures: Interior Dry**  
**E.**      **METAL Ferrous- (Structural Steel, etc.) (Cont.)**  
**1.**      **Latex Systems**

- c.      Low Sheen/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 Bond-Plex Waterbased Acrylic, B71-200 Series  
                  (2.0 - 4.0 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 Pro Industrial Eg-Shel Acrylic B66-660 Series  
3rd Coat:    S-W Pro Industrial Eg-Shel Acrylic B66-660 Series  
                  (2.5 - 4.0 mils dry per coat)

- d.      Flat Finish  
1st Coat:    S-W DTM Acrylic Primer/Finish, B66W1  
2nd Coat:    S-W DTM Acrylic Primer/Finish, B66W1  
                  (2.5 - 5.0 mils dry per coat)

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

- 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 Waterbased Industrial Enamel, B53-300 Series  
3rd Coat:    S-W Waterbased Industrial Enamel, B53-300 Series  
                  (4.5 mils wet, 1.5 mils dry per coat)

**3.**      **Epoxy Systems (Water Base)**

- 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 Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
3rd Coat:    S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
                  (2.5-3 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 Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
3rd Coat:    S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
                  (2.0- 4 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 Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
                  K46 Series  
3rd Coat:    S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
                  K46 Series (4 mils wet, 1.5 mils dry per coat)

**1 Light/Moderate Industrial Exposures: Interior Dry**  
**E. METAL Ferrous- (Structural Steel, etc.) (Cont.)**  
**3. Epoxy Systems (Water Base)**

- 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 Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
(4 mils wet, 1.5 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 Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
(2.0- 4 mils dry per coat)

**4. Epoxy System (Solvent Base)**

- 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 Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
3rd Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
(5-10 mils dry per coat) (3<sup>rd</sup> coat optional)

**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 Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
3rd Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
(5-10 mils dry per coat) (3<sup>rd</sup> coat optional)

**5. Urethane System (Water Base)**

- 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 Waterbased Acrolon 100, B65-720 Series  
3rd Coat: S-W Waterbased Acrolon 100, B65-720 Series  
(2-3 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 HydroGloss Waterbased Urethane, B65-180 Series  
3rd Coat: S-W HydroGloss Waterbased Urethane, B65-180 Series  
(2.0 - 4.0 mils dry per coat)

- 1 **Light/Moderate Industrial Exposures: Interior Dry**
- E. **METAL Ferrous- (Structural Steel, etc.) (Cont.)**
- 6. **Urethane System (Solvent Base)**
  - 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 Hi-Solids Polyurethane 100 Gloss, B65-625 Series
    - 3rd Coat: S-W Hi-Solids Polyurethane 100 Gloss, B65-625 Series  
(3-4 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 Hi-Solids Polyurethane 100 Semi-Gloss, B65-630 Series
    - 3rd Coat: S-W Hi-Solids Polyurethane 100 Semi-Gloss, B65-630 Series  
(3-4 mils dry per coat)

- 1 Light/Moderate Industrial Exposures: Interior Dry**
- F. METAL - (Ceilings - Structural Steel, Joists, Trusses, Beams)**
- 1 Multi-Surface Acrylic Coating**
  - a. Gloss Finish
    - 1st Coat: S-W Pro Industrial Multi-Surface Acrylic Gloss, B66-500 Series
    - 2nd Coat: S-W Pro Industrial Multi-Surface Acrylic Gloss, B66-500 Series (1.5-2 mils dry per coat)
  - b. Eg-Shel Finish
    - 1st Coat: S-W Pro Industrial Multi-Surface Acrylic Eg-Shel, B66-560 Series
    - 2nd Coat: S-W Pro Industrial Multi-Surface Acrylic Eg-Shel, B66-560 Series (1.5-2 mils dry per coat)
- 2. Dryfall Waterborne Topcoats: (If a primer is needed Use Pro-Cryl Universal Primer)**
  - 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)

**\*\* NOTE TO SPECIFIER\*\*** Primers in this case are optional if the Ceilings - Structural Steel, Joists, Trusses, Beams are already primed. Check for adhesion and compatibility prior to painting. Spot prime any bare areas with above specified primers.

- 1 Light/Moderate Industrial Exposures: Interior Dry**
- G. WOOD- (Doors, Trim, Partitions, Frames)**
- 1. Latex Systems**
  - a. Gloss Finish
    - 1st Coat: S-W Premium Wall & Wood Primer, B28W8111 (4 mils wet, 1.8 mils dry)
    - 2nd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series
    - 3rd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series (2.5 - 4.0 mils dry per coat)
  - b. Semi-Gloss Finish
    - 1st Coat: S-W Premium Wall & Wood Primer, B28W8111 (4 mils wet, 1.8 mils dry)
    - 2nd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series
    - 3rd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series (2.5 - 4.0 mils dry per coat)

**1 Light/Moderate Industrial Exposures: Interior Dry**  
**G. WOOD- (Doors, Trim, Partitions, Frames)(Cont.)**

**1. Latex Systems**

- c. Low Sheen/Eg-Shel Finish  
1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)  
2nd Coat: S-W Bond-Plex Waterbased Acrylic, B71-200 Series  
(2.0 - 4.0 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 Pro Industrial Eg-Shel Acrylic, B66-660 Series  
3rd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series  
(2.5 - 4.0 mils dry per coat)

- d. Flat Finish  
1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)  
2nd Coat: S-W DTM Acrylic Primer/Finish, B66W1  
(2.5 - 5.0 mils dry per coat)

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

- a. Gloss Finish  
1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)  
2nd Coat: S-W Waterbased Industrial Enamel, B53-300 Series  
3rd Coat: S-W Waterbased Industrial Enamel, B53-300 Series  
(4.5 mils wet, 1.5 mils dry per coat)

**3. Epoxy System (Water Base)**

- a. Gloss Finish  
1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)  
2nd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
3rd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
(2.5-3 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 Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
(2.0- 4 mils dry per coat)
- b. Semi-Gloss Finish  
1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)  
2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series  
3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series (4 mils wet, 1.5 mils dry per coat)
- c. Eg-Shel Finish  
1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)  
2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
(4 mils wet, 1.5 mils dry per coat)

**1 Light/Moderate Industrial Exposures: Interior Dry**  
**G. WOOD- (Doors, Trim, Partitions, Frames)(Cont.)**

**3. Epoxy System (Water Base)**

- c. Eg-Shel Finish
  - 1st Coat: S-W Premium Wall & Wood Primer, B28W8111  
(4 mils wet, 1.8 mils dry)
  - 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-360 Series
  - 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-360 Series  
(2.0- 4 mils dry per coat)

**4. Epoxy System (Solvent Base)**

- a. Semi-Gloss Finish
  - 1st Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series
  - 2nd Coat: S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
(5-10 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series
- 2nd Coat: S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
(5-10 mils dry per coat)

**1 Light/Moderate Industrial Exposures: Interior Dry**  
**H. DRYWALL (Walls, Ceilings, Gypsum Board)**

**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 Pro Industrial Gloss Acrylic, B66-600 Series
  - 3rd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series  
(2.5 - 4.0 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)
  - 2<sup>nd</sup> Coat: S-W Solo™ Acrylic Semi-Gloss, A76 Series
  - 3<sup>rd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series  
(4.0 mils wet, 1.5 mils dry per coat)

**Alternate:**

- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series
- 3rd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series  
(2.5 - 4.0 mils dry per coat)

- c. Low Sheen/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 Bond-Plex Waterbased Acrylic, B71-200 Series  
(2.0 - 4.0 mils dry per coat)

**Alternate:**

- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series
- 3rd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series  
(2.5 - 4.0 mils dry per coat)

- 1 H. Light/Moderate Industrial Exposures: Interior Dry DRYWALL (Walls, Ceilings, Gypsum Board)(Cont.)**
- 1. Latex Systems**
- d. Flat Finish
- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W DTM Acrylic Primer/Finish, B66W1  
(2.5 - 5.0 mils dry per coat)
- 2. Alkyd System (Waterbased Alkyd-Acrylic)**
- 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 Waterbased Industrial Enamel, B53-300 Series
- 3rd Coat: S-W Waterbased Industrial Enamel, B53-300 Series  
(4.5 mils wet, 1.5 mils dry per coat)
- 3. Epoxy Systems (Water Base)**
- 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 Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series
- 3rd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
(2.5-3 mils dry per coat)
- Alternate:**
- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series
- 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
(2.0- 4 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 Water Based Catalyzed Epoxy Semi-Gloss, B70/B60V25 Series
- 3rd Coat: S-W Water Based Catalyzed Epoxy Semi-Gloss, B70/B60V25 Series  
(2.5-3 mils dry per coat)
- Alternate:**
- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
(4 mils wet, 1.5 mils dry)
- 2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series
- 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series (4 mils wet, 1.5 mils dry per coat)



- 1**      **Light/Moderate Industrial Exposures: Interior Dry**  
**H.**      **DRYWALL (Walls, Ceilings, Gypsum Board)(Cont.)**  
**3.**      **Epoxy Systems (Water Base)**  
        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 Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
                3rd Coat:    S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
                                (4 mils wet, 1.5 mils dry per coat)  
  
                **Alternate:**  
                1st Coat:    S-W ProMar 200 Zero VOC Latex Primer, B28W2600  
                                (4 mils wet, 1.5 mils dry)  
                2nd Coat:    S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
                3rd Coat:    S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
                                (2.0- 4 mils dry per coat)  
  
**4.**      **Epoxy System (Solvent Base)**  
        a.      Semi-Gloss Finish  
                1st Coat:    S-W ProMar 200 Latex Primer, B28W8200  
                                (4 mils wet, 1.2 mils dry)  
                2nd Coat:    S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
                3rd Coat:    S-W Macropoxy 646 Fast Cure Epoxy, B58-600 Series  
                                (5-10 mils dry per coat)  
  
                **Alternate:**  
                1st Coat:    S-W ProMar 200 Latex Primer, B28W8200  
                                (4 mils wet, 1.2 mils dry)  
                2nd Coat:    S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
                3rd Coat:    S-W Macropoxy 646 -100 Fast Cure Epoxy, B58-620 Series  
                                (5-10 mils dry per coat)

**1 Light/Moderate Industrial Exposures: Interior Dry**

**I. PLASTER (Walls, Ceilings)**

**1. Latex Systems**

- a. Gloss Finish
  - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 dry)
  - 2nd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series
  - 3rd Coat: S-W Pro Industrial Gloss Acrylic, B66-600 Series (2.5 - 4.0 mils dry per coat)
- b. Semi-Gloss Finish
  - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 dry)
  - 2<sup>nd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series
  - 3<sup>rd</sup> Coat: S-W Solo Acrylic Semi-Gloss, A76 Series (4.0 mils wet, 1.5 mils dry per coat)

**Alternate:**

  - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 dry)
  - 2nd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series
  - 3rd Coat: S-W Pro Industrial Semi-Gloss Acrylic, B66-650 Series (2.5 - 4.0 mils dry per coat)
- c. Low Sheen/Eg-Shel Finish
  - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 dry)
  - 2nd Coat: S-W Bond-Plex Waterbased Acrylic, B71-200 Series (2.0 - 4.0 mils dry per coat)  
  - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 dry)
  - 2nd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series
  - 3rd Coat: S-W Pro Industrial Eg-Shel Acrylic, B66-660 Series (2.5 - 4.0 mils dry per coat)
- d. Flat Finish
  - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 dry)
  - 2nd Coat: S-W DTM Acrylic Primer/Finish, B66W1 (2.5 - 5.0 mils dry per coat)

**2. Alkyd Finish System (Waterbased Alkyd-Acrylic)**

- a. Gloss Finish
  - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 dry)
  - 2nd Coat: S-W Waterbased Industrial Enamel, B53-300 Series
  - 3rd Coat: S-W Waterbased Industrial Enamel, B53-300 Series (4.5 mils wet, 1.5 mils dry per coat)

**1 Light/Moderate Industrial Exposures: Interior Dry**

**I. PLASTER (Walls, Ceilings) (Cont.)**

**3. Epoxy Systems (Water Base)**

**a. Gloss Finish**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series
- 3rd Coat: S-W Water Based Catalyzed Epoxy Gloss, B70/B60V15 Series  
(2.5-3 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series
- 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Gloss, B73-300 Series  
(2.0- 4 mils dry per coat)

**b. Semi-Gloss Finish**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series
- 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Semi-Gloss,  
K46 Series (4 mils wet, 1.5 mils dry per coat)

**c. Eg-Shel Finish**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series
- 3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel, K45 Series  
(4 mils wet, 1.5 mils dry per coat)

**Alternate:**

- 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300  
(8 mils wet, 3.2 dry)
- 2nd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series
- 3rd Coat: S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series  
(2.0- 4 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.
  - 2 For opaque finishes, tint each coat including primer coat and intermediate coats, one-half shade lighter than succeeding coat, with final finish coat as base color.
- 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, unless the manufactures products are designed for application prior to the 30-day period. The pH of the surface should be between 6 and 9, unless the products to be used are designed to be used in high pH environments such as Loxon®. 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 to be used are designed to be used in high pH environments such as Loxon®.
- 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 manufactures products are designed for application prior to the 30-day period. 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 ten surface preparations described below. These methods were originally established by the Steel Structures Painting Council in 1952, and are used throughout the world for describing methods for cleaning structural steel. Visual standards are available through the Steel Structures Painting Council; ask for SSPC-VIS 1-89. 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 manufacture specifications in mind. Mix and thin coatings according to manufacture 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 after rain, fog or dew.
- 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 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.

#### **3.5.1 SCHEDULES**

Specifier Note: Cut and paste the coatings system schedule here (specified in section 2.3 PAINT SCHEDULE), otherwise delete this section.
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**END OF SECTION5162013**