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# **ISSUED May 2020**

#### 09 91 23 - INTERIOR

# California Department of Public Health (CDPH) Method v1.1-2010 & V1.2-2017 Specification (CA section 01350)

# THE SHERWIN-WILLIAMS COMPANY

#### **COMMERCIAL PAINTING SCHEDULE GUIDE**

This Emissions criteria/CDPH V1.1-2010 & V1.2-2017 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.

As of the date May 4th, 2020 the products listed in this guide have been independently certified by UL Environment in accordance with "UL 2818 –GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or comply with California Department of Public Health "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1" (CA Section 01350) & V1.2-2017. For more information, see https://spot.ulprospector.com. Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 &V1.2-2017using the applicable exposure scenario(s).

Local and National V.O.C. (Volatile Organic Compound) regulations have been taken into consideration, but because these regulations vary greatly around the country and are subject to change, we suggest verifying that 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. It is always recommended that you consult with a LEED® AP or a Sherwin-Williams Company Representative before finalizing the selection.

If you need more specific information on a particular product, refer to the current Sherwin-Williams Painting Systems Catalog, sherwin-williams.com websites or call our Architectural Services Department toll free. ULGREENGUARD Certified products are certified to ULGREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: https://spot.ulprospector.com

The Sherwin-Williams Company Architectural Services Department 1-800-321-8194 (Telephone) 216-566-1660 (Fax)

# **SECTION 09 91 23**

#### INTERIOR PAINTS AND COATINGS



# Part 1 GENERAL

### 1.1 SECTION INCLUDES

A Interior paint and coatings systems

#### 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
- F UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials
- G California Department of Public Health- CDPH v1.1-2010 & V1.2-2017

# 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
  - 7 VOCs
- 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 manufacturer/supplier shall furnish a coating maintenance manual, such as Sherwin-Williams "Custodian Paint Maintenance Manual" 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, Safety Data Sheets, care and cleaning instructions, touch-up procedures, and color samples of each color and finish used.

#### 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 manufacturer'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 manufacturer's
- 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. This specification does not take into consideration wet areas or areas needing high performance coatings.

#### Part 2 PRODUCTS

#### 2.1 MANUFACTURERS

A Acceptable Manufacturer:

The Sherwin-Williams Company 101 Prospect Avenue NW Cleveland, OH 44115 Tel: (800) 321-8194 sherwin-williams.com / swgreenspecs.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.
- C Complies with California Department of Health Services' "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" Version 1.1-2010 (CA section 01350) & V1.2-2017

#### 2.2 APPLICATIONS/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 Surfaces to Be Coated:

**Concrete** - Poured, Precast, Tilt-Up, Cast-In-Place, Cement Board including Plaster **Masonry** - (CMU - Concrete, Split Face, Scored, Smooth, etc.)

Metal - Aluminum/ Galvanized

Metal Ferrous-(Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron)

Wood - Walls, Ceilings, Doors, Trim

Drywall: Drywall board, Gypsum board

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Δ.	<b>CONCRETE</b>
Λ.	(Walls & Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cas In-Place) including (Walls, Ceilings)
	1. Latex Systems
	Epoxy System
	3. Dryfall Waterborne
R	MASONRYPages 10 - 12
υ.	(CMU - Concrete, Split Face, Scored, Smooth, High/Low Density, Fluted) (non-wet area)
	1. Latex Systems
	Epoxy System
C	METAL - Aluminum/ GalvanizedPages 13 - 14
٥.	1. Latex Systems
	2. Epoxy System- Higher Performing Finish (Including Handrails & touch points)
	3. Dryfall Waterborne
П	METAL-Ferrous (Structural, Joists, Beams, Misc. & Ornamental Iron) Pages 15-16
D.	1. Latex Systems
	2. Epoxy System- Higher Performing Finish (Including Handrails & touch points)
_	3. Dryfall Waterborne
⊏.	WOOD-(Walls, Ceilings, Doors, Trim,)
_	1. Latex Systems
г.	DRYWALL Pages 18-21
	(Walls, Ceilings, Gypsum Board, Wood Pulp Board, Plaster Board, etc.)
	1. Latex Systems

### **Index of Data pages**

2. Epoxy System

DATAPAGES AND EDS/SDS SHEETS: (To open any of the Data page Files, please click here)

ULGREENGUARD Certifications may be found at <a href="https://spot.ulprospector.com">www.greenguard.org</a> / <a href="https://spot.ulprospector.com">https://spot.ulprospector.com</a> <a href="https://spot.ulprospector.com">www.paintdocs.com</a>

Refer to the current EDS for specific VOCs. VOCs may vary by base and sheen.

# \*\*NOTES TO SPECIFIER\*\*

- Specify the Harmony line, when a Formaldehyde Reducing\* and/or Odor Eliminating\* coating option is needed. Formaldehyde Reducing Technology helps improve indoor air quality by reducing VOCs from possible sources like insulation, carpet, cabinets and fabrics. Odor Eliminating Technology helps reduce common indoor odors, so rooms stay fresher, longer. \*The length of time Harmony actively reduces odors and formaldehyde depends on the concentration, the frequency of exposure and the amount of painted surface area.
- †Paint Shield® Microbicidal Paint is the first EPA-registered paint that kills greater than 99.9% *Staphylococcus aureus* (Staph), *Enterobacter aerogenes*, Methicillin-resistant *Staphylococcus aureus* (*MRSA*), Vancomycin-resistant *Enterococcus faecalis* (VRE), and *Escherichia coli* (E.coli) within 2 hours of exposure on a painted surface.
- Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned with Pro Industrial Pro-Cryl Universal Primer, B66-1300 Series
- For higher performance on ferrous and non-ferrous handrails and touch objects specify at minimum an epoxy finish for interior use.
- Primers may be 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 Pro Industrial Pro-Cryl Universal Primer, B66-1300 Series
- Specify the Pro Industrial line when higher performance is needed.

# EDIT THIS SCHEDULE TO SELECT PRODUCT AND FINISH DESIRED AND VOC NEEDS

#### 2.3 SCHEDULE

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

# 1. Latex Systems

a. Gloss Finish

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series

(4 mils wet, 1.4 mils dry per coat)

#### Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Gloss, B66-600 Series 3rd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Gloss, B66-600 Series

(2-4 mils dry per coat)

#### b. Semi-Gloss Finish

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 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, 1.5 mils dry per coat)

#### Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series 3rd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series

(4 mils wet, 1.5 mils dry per coat)

#### Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W Harmony<sup>®</sup> Interior Latex Semi-Gloss, B10 Series 3rd Coat: S-W Harmony<sup>®</sup> Interior Latex Semi-Gloss, B10 Series

(4 mils wet, 1.7 mils dry per coat)

### Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Semi-Gloss, B66-650 Series 3rd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Semi-Gloss, B66-650 Series

(2-4 mils dry per coat)

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

### 1. Latex Systems

c. Eg-Shel Finish

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series

(4 mils wet, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W ProMar 200 HP Zero VOC Latex Eg-Shel, B20-1900 Series 3rd Coat: S-W ProMar 200 HP Zero VOC Latex Eg-Shel, B20-1900 Series

(4 mils wet, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 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)

Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Eg-Shel, B66-1661Series 3rd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Eg-Shel, B66-1661Series

(2-4 mils dry per coat)

#### Microbicidal† Finish

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051 3rd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051

(4 mils wet, 1.8 mils dry per coat)

\*\* NOTE TO SPECIFIER\*\* †Paint Shield® Microbicidal Paint is the first EPA-registered paint that kills greater than 99.9% Staphylococcus aureus (Staph), Enterobacter aerogenes, Methicillin resistant Staphylococcus aureus (MRSA), Vancomycin-resistant Enterococcus faecalis (VRE), and Escherichia coli (E.coli) within 2 hours of exposure on a painted surface.

#### d. Low Sheen/Low Gloss Finish

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Low Gloss Eg-Shel, B41-2650 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Gloss Eg-Shel, B41-2650 Series

(4 mils wet, 1.6 mils dry per coat)

#### Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W ProMar 200 HP Zero VOC Latex Low Gloss Eg-Shel, B41-1900 Series 3rd Coat: S-W ProMar 200 HP Zero VOC Latex Low Gloss Eq-Shel, B41-1900 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, Plaster) including (Walls, Ceilings) (continued)

## 1. Latex Systems

e. Flat Finish

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-12600 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-12600 Series

(4 mils wet, 1.4 mils dry per coat)

#### Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 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, 1.7 mils dry per coat)

# 2. Epoxy System

a. Gloss Finish

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 - 5 mils dry per coat)

b. Semi-Gloss Finish

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series 3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series

(4 mils wet, 1.4 mils dry per coat)

c. Eg-Shel Finish

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 - 5 mils dry per coat)

Alternate:

1st Coat: S-W Loxon Concrete and Masonry Primer, LX02 Series

(200-300 sq. ft/gal)

2nd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series 3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series

(4 mils wet, 1.4 mils dry per coat)

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

# 3. Dryfall Waterborne Topcoat

a. Semi-Gloss Finish

1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-83 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-83

(6 mils wet, 2.3 mils dry)

b. Eg-Shel Finish

1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-82 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-82

(6 mils wet, 2 mils dry)

c. Flat Finish

1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Flat, B42-81/181 Series 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Flat, B42-81/181 Series

(6 mils wet, 1.5 mils dry)

# B. MASONRY - (CMU - Concrete, Split Face, Scored, Smooth, High /Low Density, Fluted) (non-wet area)

#### 1. Latex Systems

a. Gloss Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series

(4 mils wet, 1.4 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W Pro Industrial™ Acrylic Gloss, B66-600 Series 3rd Coat: S-W Pro Industrial™ Acrylic Gloss, B66-600 Series

(2-4 mils dry per coat)

b. Semi-Gloss Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 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, 1.5 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series 3rd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series

(4 mils wet, 1.5 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 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, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series 3rd Coat: S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series

(2-4 mils dry per coat)

# B. MASONRY - (CMU - Concrete, Split Face, Scored, Smooth, High /Low Density, Fluted) (non-wet area) (continued)

#### 1. Latex Systems

c. Eg-Shel Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series

(4 mils wet, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W ProMar 200 HP Zero VOC Latex Eg-Shel, B20-1900 Series 3rd Coat: S-W ProMar 200 HP Zero VOC Latex Eg-Shel, B20-1900 Series

(4 mils wet, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 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)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Eg-Shel, B66-1661 Series 3rd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Eg-Shel, B66-1661 Series

(2-4 mils dry per coat)

Microbicidal† Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051 3rd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051

(4 mils wet, 1.8 mils dry per coat)

\*\* NOTE TO SPECIFIER\*\* †Paint Shield® Microbicidal Paint is the first EPA-registered paint that kills greater than 99.9% Staphylococcus aureus (Staph), Enterobacter aerogenes, Methicillin resistant Staphylococcus aureus (MRSA), Vancomycin-resistant Enterococcus faecalis (VRE), and Escherichia coli (E.coli) within 2 hours of exposure on a painted surface.

#### d. Low Sheen/Low Gloss Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Low Gloss Eg-Shel, B41-2650Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Gloss Eg-Shel, B41-2650Series

(4 mils wet, 1.6 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W ProMar 200 HP Zero VOC Latex Low Gloss Eg-Shel, B41-1900 Series 3rd Coat: S-W ProMar 200 HP Zero VOC Latex Low Gloss Eg-Shel, B41-1900 Series

(4 mils wet, 1.7 mils dry per coat)

# B. MASONRY - (CMU - Concrete, Split Face, Scored, Smooth, High /Low Density, Fluted) (non-wet area) (continued)

# 1. Latex Systems

e. Flat Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-12600 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-12600 Series

(4 mils wet, 1.4 mils dry per coat)

#### Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 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, 1.7 mils dry per coat)

# 2. Epoxy System (Water Base)

Gloss Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

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 - 5 mils dry per coat)

b. Semi-Gloss Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/qal)

2nd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series 3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series

(4 mils wet, 1.4 mils dry per coat)

c. Eg-Shel Finish

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

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 - 5 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42-150

(75-100 sq. ft/gal)

2nd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series 3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series

(4 mils wet, 1.4 mils dry per coat)

# C. METAL - Aluminum/ Galvanized

# 1. Latex Systems

a. Gloss Finish

1st Coat: S-W Pro Industrial™ Acrylic Gloss, B66-600 Series 2nd Coat: S-W Pro Industrial™ Acrylic Gloss, B66-600 Series

(2-4 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series

(4 mils wet, 1.4 mils dry per coat)

b. Semi-Gloss Finish

1st Coat: S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series 2nd Coat: S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series

(2-4 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 mils dry)

2nd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series 3rd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series

(4 mils wet, 1.5 mils dry per coat)

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 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, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 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, 1.5 mils dry per coat)

c. Eg-Shel Finish

1st Coat: S-W Pro Industrial™ Acrylic Eg-Shel, B66-1661Series 2nd Coat: S-W Pro Industrial™ Acrylic Eg-Shel, B66-1661Series

(2-4 mils dry per coat)

d. Flat Finish

1st Coat: S-W Pro Industrial™ DTM Acrylic Primer/Finish, B66-11

2nd Coat: S-W Pro Industrial™ DTM Acrylic Primer/Finish, B66-11

(5-10 mils wet, 1.9-3.9 mils dry)

# C. METAL - Aluminum/ Galvanized (continued)

### 1. Latex Systems

d. Flat Finish Alternate:

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 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, 1.7 mils dry per coat)

### 2. Epoxy System — Higher Performing Finish (Including Handrails)

a. Gloss Finish

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 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 - 5 mils dry per coat)

b. Eg-Shel Finish

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 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 - 5 mils dry per coat)

# 3. Dryfall Waterborne Topcoat- (Galvanized; Ceilings, Duct work)

a. Semi-Gloss Finish

1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-83 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-83

(6 mils wet, 2.3 mils dry)

b. Eg-Shel Finish

1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-82 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-82

(6 mils wet, 2 mils dry)

c. Flat Finish

1st Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Flat, B42-81/181 Series 2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Flat, B42-81/181 Series

(6 mils wet, 1.5 mils dry)

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

#### 1. **Latex Systems**

Gloss Finish a.

> 1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 mils dry)

S-W Pro Industrial<sup>™</sup> Acrylic Gloss, B66-600 Series S-W Pro Industrial<sup>™</sup> Acrylic Gloss, B66-600 Series 2nd Coat:

3rd Coat:

(2-4 mils dry per coat)

b. Semi-Gloss Finish

> S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series 1st Coat:

> > (5-10 mils wet, 1.9-3.8 mils dry)

S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series 2nd Coat:

S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series 3rd Coat:

(2 - 4 mils dry per coat)

C. Eg-Shel Finish

> S-W Pro Industrial<sup>™</sup> Pro-Cryl<sup>®</sup> Universal Primer Off White, B66-1310/1320 Series 1st Coat:

(5-10 mils wet, 1.9-3.8 mils dry)

2nd Coat: S-W Pro Industrial™ Acrylic Eg-Shel, B66-1661Series

S-W Pro Industrial<sup>™</sup> Acrylic Eg-Shel, B66-1661Series 3rd Coat:

(2 - 4 mils dry per coat)

d. Flat Finish

> S-W Pro Industrial™ DTM Acrylic Primer/Finish, B66-11 1st Coat:

> S-W Pro Industrial™ DTM Acrylic Primer/Finish, B66-11 2nd Coat:

> > (5-10 mils wet, 1.9-3.9 mils dry)

#### 2. **Epoxy System— Higher Performing Finish (Including Handrails)**

Gloss Finish а

S-W Pro Industrial<sup>™</sup> Pro-Cryl<sup>®</sup> Universal Primer Off White, B66-1310/1320 Series 1st Coat:

(5-10 mils wet, 1.9-3.8 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 - 5 mils dry per coat)

b. Semi-Gloss Finish

> S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series 1st Coat:

> > (5-10 mils wet, 1.9-3.8 mils dry)

S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series 2nd Coat:

3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series

(4 mils wet, 1.4 mils dry per coat)

#### D. METAL Ferrous- (Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous & Ornamental Iron, Structural Iron) (continued)

#### 2. **Epoxy System— Higher Performing Finish (Including Handrails)**

Eq-Shel Finish

S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series 1st Coat:

(5-10 mils wet, 1.9-3.8 mils dry)

S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series 2nd Coat: 3rd Coat:

S-W Pro Industrial Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series

(2 - 5 mils dry per coat)

S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series 1st Coat:

(5-10 mils wet, 1.9-3.8 mils dry)

S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series 2nd Coat: 3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series

(4 mils wet, 1.4 mils dry per coat)

#### 3. **Dryfall Waterborne Topcoats**

Semi-Gloss Finish

1st Coat: S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 mils dry)

S-W Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss, B42-83 2nd Coat:

3rd Coat: Optional

(6 mils wet, 2.3 mils dry)

b. Eg-Shel Finish

> S-W Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66-1310/1320 Series 1st Coat:

> > (5-10 mils wet, 1.9-3.8 mils dry)

2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, B42-82

3rd Coat: Optional

(6.0 mils wet, 2 mils dry)

C. Flat Finish

> 1st Coat: S-W Pro Industrial<sup>™</sup> Pro-Cryl<sup>®</sup> Universal Primer Off White, B66-1310/1320 Series

(5-10 mils wet, 1.9-3.8 mils dry)

2nd Coat: S-W Pro Industrial Waterborne Acrylic Dryfall Flat, B42-81/181 Series

3rd Coat: Optional

(6.0 mils wet, 1.5 mils dry)

# E. WOOD - (Walls, Ceilings, Doors, Trim)

### 1. Latex Systems

a. Gloss Finish

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series

(4 mils wet, 1.4 mils dry per coat)

Alternate:

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 mils dry)

2nd Coat: S-W Pro Industrial™ Acrylic Gloss, B66-600 Series 3rd Coat: S-W Pro Industrial™ Acrylic Gloss, B66-600 Series

(2-4 mils dry per coat)

b. Semi-Gloss Finish

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 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, 1.5 mils dry per coat)

Alternate:

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 mils dry)

2nd Coat: S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series 3rd Coat: S-W Pro Industrial™ Acrylic Semi-Gloss, B66-650 Series

(2-4 mils dry per coat)

Alternate:

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 mils dry)

2nd Coat: S-W ProMar<sup>®</sup> 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series 3rd Coat: S-W ProMar<sup>®</sup> 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series

3-W Promars 200 HP Zero VOC Latex Serii-Gloss, B31-1900 Series

(4 mils wet, 1.5 mils dry per coat)

c. Eg-Shel Finish

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series

3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series

(4 mils wet, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 mils dry)

2nd Coat: S-W Pro Industrial Acrylic Eg-Shel, B66-1661Series

3rd Coat: S-W Pro Industrial Acrylic Eg-Shel, B66-1661Series

(2-4 mils dry per coat)

#### WOOD - (Walls, Ceilings, Doors, Trim) (continued) E.

### **Latex Systems**

C. Ea-Shel Finish

#### Microbicidal† Finish

1st Coat: S-W Multi-Purpose Latex Primer/Sealer, B51W00450 Series

(4 mils wet, 1.4 mils dry)

2nd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051 3rd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051

(4 mils wet, 1.8 mils dry per coat)

\*\* NOTE TO SPECIFIER\*\* †Paint Shield® Microbicidal Paint is the first EPA-registered paint that kills greater than 99.9% Staphylococcus aureus (Staph), Enterobacter aerogenes, Methicillinresistant Staphylococcus aureus (MRSA), Vancomycin-resistant Enterococcus faecalis (VRE), and Escherichia coli (E.coli) within 2 hours of exposure on a painted surface.

#### F. DRYWALL - (Walls, Ceilings, Gypsum Board, etc.)

#### 1. **Latex Systems**

Gloss Finish

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series 2nd Coat: 3rd Coat:

S-W ProMar 200 Zero VOC Latex Gloss, B21-12651 Series

(4 mils wet, 1.4 mils dry per coat)

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W Pro Industrial<sup>™</sup> Acrylic Gloss, B66-600 Series S-W Pro Industrial™ Acrylic Gloss, B66-600 Series 3rd Coat:

(2-4 mils dry per coat)

Semi-Gloss Finish b.

> 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

> > (4 mils wet, 1.0 mils drv)

S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series 2nd Coat: 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series

(4 mils wet, 1.5 mils dry per coat)

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series 3rd Coat: S-W ProMar® 200 HP Zero VOC Latex Semi-Gloss, B31-1900 Series

(4 mils wet, 1.5 mils dry per coat)

Alternate:

1st Coat: S-W Harmony Interior Latex Primer, B11-1500

(4 mils wet, 1.3 mils dry)

S-W Harmony Interior Latex Semi-Gloss, B10 Series 2nd Coat: 3rd Coat: S-W Harmony Interior Latex Semi-Gloss, B10 Series

(4 mils wet, 1.7 mils dry per coat)

# F. DRYWALL - (Walls, Ceilings, Gypsum Board, etc.) (continued)

### 1. Latex Systems

b. Semi-Gloss Finish

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W Pro Industrial Acrylic Semi-Gloss, B66-650 Series 3rd Coat: S-W Pro Industrial Acrylic Semi-Gloss, B66-650 Series

(2-4 mils dry per coat)

c. Eg-Shel Finish

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-12651 Series

(4 mils wet, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W ProMar 200 HP Zero VOC Latex Eg-Shel, B20-1900 Series

3rd Coat: S-W ProMar 200 HP Zero VOC Latex Eg-Shel, B20-1900 Series

(4 mils wet, 1.7 mils dry per coat)

1st Coat: S-W Harmony Interior Latex Primer, B11-1500

(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)

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W Pro Industrial Acrylic Eg-Shel, B66-1661Series 3rd Coat: S-W Pro Industrial Acrylic Eg-Shel, B66-1661Series

(2-4 mils dry per coat)

Microbicidal<sup>†</sup> Finish

1st Coat: S-W Harmony Interior Latex Primer, B11-1500

(4 mils wet, 1.3 mils dry)

2nd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051 3rd Coat: S-W Paint Shield® Interior Latex Eg-Shel, D12W00051

(4 mils wet, 1.8 mils dry per coat)

\*\* NOTE TO SPECIFIER\*\* †Paint Shield® Microbicidal Paint is the first EPA-registered paint that kills greater than 99.9% Staphylococcus aureus (Staph), Enterobacter aerogenes, Methicillin-resistant Staphylococcus aureus (MRSA), Vancomycin-resistant Enterococcus faecalis (VRE), and Escherichia coli (E.coli) within 2 hours of exposure on a painted surface.

# F. DRYWALL - (Walls, Ceilings, Gypsum Board, etc.) (continued)

### 1. Latex Systems

d. Low Sheen/Low Gloss Finish

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Low Gloss, B41-2650Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Low Gloss, B41-2650Series

(4 mils wet, 1.6 mils dry per coat)

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W ProMar 200 HP Zero VOC Latex Low Gloss Eg-Shel, B41-1900 Series 3rd Coat: S-W ProMar 200 HP Zero VOC Latex Low Gloss Eg-Shel, B41-1900 Series

(4 mils wet, 1.7 mils dry per coat)

e. Flat Finish

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-12600 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Flat, B30-12600 Series

(4 mils wet, 1.4 mils dry per coat)

Alternate:

1st Coat: S-W Harmony Interior Latex Primer, B11-1500

(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, 1.7 mils dry per coat)

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W Pro Industrial<sup>™</sup> DTM Acrylic Primer/Finish, B66-11 3rd Coat: S-W Pro Industrial<sup>™</sup> DTM Acrylic Primer/Finish, B66-11

(5-10 mils wet, 1.9-3.9 mils dry)

# F. DRYWALL - (Walls, Ceilings, Gypsum Board, etc.)

### 2. Epoxy System

a. Gloss Finish

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 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 - 5 mils dry per coat)

b. Semi-Gloss Finish

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series 3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K46-1150 Series

(4 mils wet, 1.4 mils dry per coat)

c. Eg-Shel Finish

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 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 - 5 mils dry per coat)

Alternate:

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28-2600

(4 mils wet, 1.0 mils dry)

2nd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series 3rd Coat: S-W Pro Industrial Pre-Catalyzed Epoxy, K45-1150 Series

(4 mils wet, 1.4 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 a procedure is specifically described in manufacturer's product instructions. VOC numbers used in this document need to be confirmed by using the products SDS/EDS sheets.

# 2 Requirements:

Complies with California Department of Health Services' "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" Version 1.1-2010 & V1.2-2017

Show compliance to predetermined indoor air quality standards. Programs include the following: VOC emissions results are determined by the California Department of Public Health's Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1- 2010 and Version 1.2-2017; or

UL 2821 GREENGUARD Certification Program Method for Measuring and Evaluating Chemical Emissions from Building Materials, Finishes and Furnishings, 2013.

For more information, visit spot.ul.com. Certificates can be found on: spot.ul.com or paintdocs.com

#### 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 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. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system
- D Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

  Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting.

  Wear protective eyewear, 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 painting should take place when the interior temperature is below 50°F unless the specified product is designed for these 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, and moisture content must be 15% or lower. 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. Masonry surfaces must be dry before priming.

# 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 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.

#### 6 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-SP16 is necessary to remove these treatments.

#### 7 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.

#### 8 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.

# 9 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.

# 10 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. Beforehand tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1 or other agreed upon methods

# 11 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 or other agreed upon methods.

### 12 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 (33%) 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.

### 13 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.

#### 14 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.

#### 15 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 manufacturer's recommended dry film thickness.
- F Regardless of number of coats specified, apply as many coats as necessary for complete hide.
- 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 manufacture'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 INTERIOR PAINT SCHEDULE), otherwise delete this section.

# **END OF SECTION05042020**

The products listed below have been independently certified by UL Environment in accordance with "UL 2818 – GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or comply with California Department of Public Health "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1" (CA Section 01350) &V1.2-2017. For more information, see https://spot.ulprospector.com.

VI CDE		I LODDY 4.4	0.4.0.04.	updated 05/	04/2020	
	ENGUARD certified eptable Sherwin-Wil					
PRODUCTS	PRODUCT	GREENGUARD GOLD-	TVOC	CARB/SCAQMD	VOC†	
	NUMBERS	CDPH v1.2		Category		
ColorCast Ecotoner™(CCE) Architectural Colorant	CCE-AC series	Certified	0.5 mg/m3 or less	Colorant Architectural	<50 g/L	
Pro Industrial™ Waterborne Acrylic Dryfall Flat White & Black	B42W00181 B42B00081	CDPH V1.2	0.5 mg/m3 or less	Dry Fog	<50 g/L	
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	CDPH V1.2	0.5 mg/m3 or less	Dry Fog	<50 g/L	
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	CDPH V1.2	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L	
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified 0.5 mg/m3 or less		Flat	<50 g/L	
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
Eminence® Interior Latex Flat Ceiling Paint	A27	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
Harmony® Interior Flat Latex	B05-1050 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
ProMar <sub>®</sub> 200 Zero VOC Interior Latex Flat, Low Gloss & Low	B30, B41 & B24W2650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
Sheen			8			
ProMara 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
ProMar® Ceiling Paint,	A27W5050	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
Solo® Interior/Exterior Flat	A74 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
Tuff Surface™ Premium Texture Coating Flat	A44W00050 & A44W01050	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
Loxon Water Blocking Primer/Finish	LX12 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L	
All Surface Enamel HP Eg-Shel, Semi-Gloss, Gloss-Canada Only	A43, A41 &A42Q-8050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
All Surface Enamel Satin & Gloss-US Only	A41-1350 & A41-1250 Series	Certified 0.5 mg/m3 or less		Non-Flat	<50 g/L	
Dry Erase Clear Gloss Coating	KB65C2000	Certified 0.5 mg/m3 or less		Non-Flat	<100 g/I	
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified 0.5 mg/m3 or less		Non-Flat	<50 g/L	
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar* 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar* 200 HP Zero VOC Interior Acrylic Eg-Shel	B41-1950 Series	Certified		Non-Flat	<50 g/L	
·			0.5 mg/m3 or less			
ProMar*200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar* 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 -2650, B20-12650 & B31-	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
	2650 Series	G				
ProMar* 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar* 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMarw 200 Zero VOC Interior Latex Gloss	<u>B21-12650 Series</u>	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar* 400 Zero VOC Interior Latex Gloss	B21-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	
Armorseal 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660,B66-1660, 650 & 600	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
	Series					
Pro Industrial™DTM Primer/Finish	B66W00011	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	

PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD- CDPH v1.2	TVOC	CARB/SCAQMD Category	VOC†
Pro Industrial Pro-Cryl* Primer Off White, Medium Grey & Red	<u>B66-1300 Series</u>	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial∞ Heavy Duty Block Filler	B42W00150	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	<u>CF01W0050</u>	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Drywall Primer	B28W08150	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51 Series B51-1100 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	LX02 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar 400 Zero VOC Interior Latex Primer	B28W04600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L

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