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ISSUED January 2007

09 91 13 - EXTERIOR PAINTING

THE SHERWIN-WILLIAMS COMPANY

PAINTING SPECIFICATION GUIDE FOR KLEER™

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This Painting Schedule is furnished only as a guide to select exterior 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 substrate, and offers various degrees of gloss available.

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 constantly changing, we suggest that verification of product selections meet the requirements of the area in which they are to be used. If the project is located within the OTC, CARB, or other VOC regulated regions; one must comply with the regulations regarding VOC's. It is always recommended that you consult with 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 or the [www.sherwin-williams.com](http://www.sherwin-williams.com) Web site.

The Sherwin-Williams Company  
Architectural Services Department

**1.0 EXTERIOR PAINT SCHEDULE**

**A. KLEER™ Trimboards (Trim, Soffit)**

**1. Satin Latex Systems**

a. Satin Finish

1st Coat: S-W SuperPaint® VinylSafe™ Exterior Latex Acrylic Satin, A89 Series

2nd Coat: S-W SuperPaint® VinylSafe™ Exterior Latex Acrylic Satin, A89 Series  
(4 mils wet, 1.44 mils dry per coat)

**B. KLEER™ Trimboards (Trim, Soffit)**

**1. Flat Latex Systems**

a. Flat Finish

1st Coat: S-W SuperPaint® VinylSafe™ Exterior Latex Acrylic Flat, A80 Series

2nd Coat: S-W SuperPaint® VinylSafe™ Exterior Latex Acrylic Flat, A80 Series  
(4 mils wet, 1.4 mils dry per coat)

**1.1 DATA PAGE INDEX**

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

SuperPaint® VinylSafe™ Exterior Latex Satin, A89 Series

SuperPaint® VinylSafe™ Exterior Latex Flat, A80 Series

## 1.2 SURFACE PREPARATION:

- 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 Previously Coated Surfaces: Maintenance painting will frequently not permit or require complete removal of all old coatings. However, all surface contamination such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, loose mortar, efflorescence, and sealers must be removed to assure sound bonding to the tightly adhering old paint.

Glossy paint surfaces must be clean and dull before repainting. Thorough washing with an abrasive cleanser may clean and dull in one operation, or, wash thoroughly and dull by sanding. Spot prime any bare areas with an appropriate primer.

Note that any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility of the recommended coating system by applying a test patch, covering at least 2 to 3 square feet. Allow surface to dry one week before testing adhesion per ASTM D3359. If the coating system is incompatible, complete removal is required.

**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.

- D The surface must be clean, dry, scuff sanded and in sound condition. Remove oil, dust, dirt, loose rust, peeling paint or other contamination to ensure good adhesion.
- E 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; however, do not allow the solution to dry on the surface. Rinse thoroughly with clean water and allow the surface to dry 48 hours before painting. Wear protective glasses or goggles, waterproof gloves, and protective clothing. Quickly wash off any of the solution that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.
- F No exterior painting should take place 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.

### **1.3 INSTALLATION**

- A Apply all coatings and materials with 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 acceptable coatings prior to 30 days.
  - 2 Test new substrate for moisture content.
  - 3 Wait until substrate is fully dry after rain, fog, or dew.
- C Apply coatings using methods recommended by the manufacturer.
- D Uniformly apply coatings without runs, drips, or sags, without brush marks, and with consistent sheen.
- E Apply coatings at spread rates 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, and uniform appearance.
- G If final painting must be delayed more than 2 weeks after installation, apply primer within 2 weeks and final coating within 2 weeks of the primer application.
- H Apply colors that meet an LRV (Light Reflective Value) of 55 or greater, unless the product and color are designed for such use like VinylSafe™

### **1.4 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.

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Issued Jan 2007  
012607