



**SHERWIN  
WILLIAMS.**

102.14

**DURATION®**  
Exterior Latex  
Satin  
K33 Series

As of 12/01/2012, Complies with:			
OTC	Yes	LEED® 09 CI	N/A
SCAQMD	No	LEED® 09 NC	N/A
CARB	Yes	LEED® 09 CS	N/A
CARB SCM2007	No	LEED® H	N/A
MPI #	No	NGBS	N/A

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>APPLICATION</u>															
<p><b>Duration® Exterior Latex Coating</b> is the result of advances in acrylic technology. <b>Duration</b> uses <b>PermaLast®</b> technology to provide you with the most durable and longest lasting coating available for protecting the outside of your home. <b>VinylSafe™ Color Technology</b> allows the use of many darker colors on vinyl siding that cannot be made in most other coatings.</p> <p><b>Performance</b> One Coat Protection Self-Priming Easy Application Excellent Hiding Thicker. More Flexible Resists Blistering and Peeling</p> <p><b>Projects</b> Homes Windows Gutters Trim Architectural plastics, such as shutters &amp; gutters</p> <p><b>Surfaces</b> Wood Stucco Masonry/Cement Composition Panels Aluminum Siding Vinyl Siding Galvanized Metal</p> <p><b>MILDEW RESISTANT.</b> This coating contains agents that inhibit the growth of mildew on the surface of this coating.</p>	<p><b>Color:</b> Most colors To optimize hide and color development, always use the recommended P-Shadow primer</p> <p><b>Coverage:</b> 250-300 sq ft/gal 5.3 - 6.4 mils wet; 2.2 - 2.6 mils dry up to 7.0 mils wet; 2.8 mils dft</p> <p><b>Drying Time, @ 50% RH:</b> @ 35-45°F @ 45°F + Touch: 2 hour 2 hours Recoat: 24-48 hours 4 hours Drying and recoat times are temperature, humidity, and film thickness dependent</p> <p><b>Flash Point:</b> N/A <b>Finish:</b> 10-20 @ 60°</p> <p><b>Tinting with CCE:</b></p> <table border="1"> <thead> <tr> <th>Base</th> <th>oz/gal</th> <th>Strength</th> </tr> </thead> <tbody> <tr> <td>Extra White</td> <td>0-6</td> <td>125%</td> </tr> <tr> <td>Light Yellow</td> <td>4-15</td> <td>125%</td> </tr> <tr> <td>Deep Base</td> <td>4-15</td> <td>125%</td> </tr> <tr> <td>Ultradeep Base</td> <td>4-15</td> <td>125%</td> </tr> </tbody> </table> <p><b>Vehicle Type:</b> Acrylic <b>K33W00151</b></p> <p><b>VOC (less exempt solvents)</b> 113 g/L; 0.94 lb/gal</p> <p><b>Volume Solids:</b> 41 ± 2% <b>Weight Solids:</b> 53 ± 2% <b>Weight per Gallon:</b> 10.5 lb <b>WVP Perms (US)</b> 21.1 grains/(hr ft<sup>2</sup> in Hg)</p> <p style="text-align: center;"><b><u>CLEANUP INFORMATION</u></b></p> <p>Clean hands and tools <b>immediately</b> after use with soap and warm water. The <b>PermaLast</b> technology in <b>DURATION</b> coating, which creates the tenacious bond to the surface, also creates a tenacious bond to applicators and any other surface it comes in contact with. You may want to clean occasionally during use. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	Base	oz/gal	Strength	Extra White	0-6	125%	Light Yellow	4-15	125%	Deep Base	4-15	125%	Ultradeep Base	4-15	125%	<p>Thoroughly follow the recommended surface preparations. Most coating failures are due to inadequate surface preparation or application. Thorough surface preparation will help provide long term protection with Duration coating. On repaint work, apply one coat of Duration coating; on bare surfaces, apply two coats of Duration, allowing 4 hours drying between coats. Do not paint in direct sun. Apply at temperatures above 35°F. During application at temperatures above 80°F, Duration sets up quickly. Some adjustment in your painting approach may be required. Paint from a dry area into the adjoining wet coating area. Dries to touch in 1 hour and is ready for service overnight.</p> <p><b>Previously Painted Surfaces</b> -- Spot prime bare areas with Duration, wait 4 hours, and paint the entire surface. Some specific surfaces require specialized treatment.</p> <p><b>Unpainted Surfaces</b> -- Duration can be used as a self-priming coating on many bare surfaces. When used this way, the first coat of Duration acts like a coat of primer and the second coat provides the final appearance and performance. However, some specific surfaces require specialized treatment. See following surface preparations.</p> <p>When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours. On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.</p> <p>No reduction necessary. <b>Brush</b> - Use a nylon/polyester brush. <b>Roller</b> - Use a 3/8" - 3/4" nap synthetic cover. <b>Spray—Airless</b> Pressure..... 2000 psi Tip..... .015"-.019" Reduction..... none</p>
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# DURATION<sup>®</sup>

## Exterior Latex Satin K33 Series

### 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.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

#### **Aluminum and Galvanized Steel**

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

#### **Cement Composition Siding/Panels**

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 8, prime with Loxon Concrete & Masonry Primer.

#### **Concrete, Masonry, Block**

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.

After power washing, previously painted masonry may still have a powdery surface that should be sealed with Loxon Conditioner and then apply 1 coat of Duration.

#### **Composition Board/Hardboard**

Because of the potential for wax bleeding out of the substrate, apply 1 coat of Exterior Oil-Based Wood Primer and then topcoat.

### SURFACE PREPARATION

#### **Steel**

Rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned.

#### **Stucco**

Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 5-7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

#### **Vinyl Siding**

Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.

#### **Wood**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.

Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, the first coat of **DURATION** may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with 1 coat of **Exterior Oil-Based Wood Primer** prior to using **DURATION**.

#### **Caulking**

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

#### **Mildew**

Remove 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.

### CAUTIONS

For exterior use only.  
Protect from freezing.  
Non-photochemically reactive.

#### **LABEL CAUTIONS**

CAUTION contains CRYSTALLINE SILICA and ZINC. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.