



**SHERWIN
WILLIAMS.**

102.26 FL

EMERALD™
Exterior Acrylic
Flat
K47 Series

As of 12/01/2012, Complies with:			
OTC	Yes	LEED® 09CI	N/A
SCAQMD	Yes	LEED® 09NC	N/A
CARB	Yes	LEED® 09CS	N/A
CARB SCM 2007	Yes	LEED® H	N/A
MPI #	-	NGBS	N/A

CHARACTERISTICS

Emerald Exterior Acrylic Latex is the "Best-in-Class" exterior architectural house paint.

- Excellent durability, resistant to blistering, peeling and dirt pick-up
- Excellent application, flow and leveling
- Self-priming (2 coats new construction, 1 coat repaint)
- Low temp application – down to 35°F
- Uses a patented cross-linking 100% acrylic technology
- APEO Free
- GreenSeal GS-11 Compliant
- Can only be tinted with CCE Colorants

VinylSafe™ Color Technology allows the use of many darker colors on vinyl siding that cannot be made in most other coatings.

Color: Most colors

Coverage: 250 - 300 sq ft/gal @ 5.3-6.4 mils wet; 2.4-2.9 mils dry

Drying Time @ 50% RH: temperature and humidity dependent @ 35-45°F @ 45°F+

Touch: 2 hour 1 hour

Recoat: 24-48 hours 4 hours

Flash Point: N/A

Finish: 0-5 units @ 85°

Tinting with CCE only:

Base	oz/gal	Strength
Hi Refl White	0-4	100%
Extra White	0-6	125%
Deep Base	5-14	125%
Ultradeep Base	5-14	125%
Light Yellow	5-14	125%
Vivid Yellow	5-14	125%
Primary Red	5-14	125%

Vehicle Type: 100% Acrylic

K47W00051

VOC (less exempt solvents): <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 42 ± 2%

Weight Solids: 59 ± 2%

Weight per Gallon: 11.7 lb

WVP Perms (US) 25.6 grains/(hr ft² in Hg)

SPECIFICATIONS

Emerald Exterior Acrylic Latex is self-priming on most surfaces.

Apply 2 coats on new, bare substrates or 1 coat for repaint.

Use on these properly prepared surfaces:

- Aluminum & Aluminum Siding¹
- Galvanized Steel¹
- Concrete Block
- Split face Block
- Brick
- Cement Composition Siding/Panels
- Stucco
- Concrete
- Plywood
- Wood
- Vinyl Siding

Surfaces with a pH greater than 9 must be primed with a high pH-resistant coating such as Loxon Concrete & Masonry Primer/Sealer.

The appearance of textured surfaces such a block, will be improved with the use of Loxon Block Surfacer.

Standard latex primers cannot be used below 50°F. See specific primer label for that product's application limitations.

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 Emerald Coating 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 then topcoat with Emerald Coating.

¹ On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.

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. Sand hard surfaces, such as metal, to provide better adhesion. 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 9, prime with Loxon Concrete & Masonry Primer/Sealer.



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<u>SURFACE PREPARATION</u>	<u>SURFACE PREPARATION</u>	<u>CAUTIONS</u>
<p>Masonry, Concrete, Cement, 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/Sealer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.</p> <p>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. Pro Industrial Pro-Cryl will provide excellent corrosion resistance; other primers may be appropriate.</p> <p>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/Sealer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p> <p>Vinyl Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.</p> <p>Wood, Plywood, Composition Board 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.</p> <p>Caulking Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.</p>	<p>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.</p> <p style="text-align: center;"><u>APPLICATION</u></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. No reduction necessary.</p> <p>Brush Use a nylon/polyester brush.</p> <p>Roller Use a high quality polyester roller cover.</p> <p>Spray—Airless Pressure..... 2000 psi Tip015"-.019"</p> <p style="text-align: center;"><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	<p style="text-align: center;"><u>CAUTIONS</u></p> <p>Mildew Resistant This coating contains agents which inhibit the growth of mildew on the surface of this coating film.</p> <p>For exterior use only. Protect from freezing. Non-photochemically reactive.</p> <p style="text-align: center;">LABEL CAUTIONS</p> <p>CAUTION contains 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. 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. 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. HOTW 10/25/2011 K47W00051 06 00</p> <p>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.</p>