

COMMERCIAL ADVANTAGE

Product Description

This top quality low odor/VOC coating meets GS-11 Green Seal and US Green Building Councils LEED program standards. Environmentally friendly 5850 is formulated for easy application and maximum coverage. Use on primed wallboard, woodwork and trim in hospitals and other occupied buildings where odor and VOC levels would preclude the use of conventional latex products.

Interior

Typical Uses

- Walls
- Ceilings
- Bedrooms
- Offices
- Hallways

Physical Properties

Color Bases	5850 White Base 5800 Medium Base
Gloss Range	1.5-3 @ 60° 2.5-3 @ 85° MPI G1, ASTM D 18 Flat
Vehicle Type	Acrylic Co Polymer
VOC	5 grams/liter
Drying Time	@ 77° F, 50-55 RH temperature and humidity dependent Tack free 1 hour Recoat 3 hours Dry Hard 8 hours
Reducer/Cleanup	Water
Wet Film to Achieve DFT	4.0 mils
Dry Film Thickness	1.4 mils
Volume Solids	34.4 %
Weight Solids	54.4 %
Flash Point	N/A
Weight per Gallon	11.0 lbs
Theoretical Coverage	300 sqft/gal
Can Sizes	5gal, 1 gal

Surface Preparation

Before applying, read and follow all directions and caution information on container label and Surface Preparation information in this manual. All surfaces to be coated must be sound, clean and dry, free of contamination or foreign material that can affect the paint film. Glossy topcoat surfaces should be sanded prior to painting. Clean and fill all major cracks, voids, holes and moisture problems, prime as necessary.

Wood	Alkyd Undercoater 1700 Acrylic Undercoater 1842
Masonry/CMU	Flex Bind 2345 - Block Filler 9135
Concrete	Epo Tilt 9145 - Flex Prime 2333
Wallboard	Enviro Kote Primer 1849 -Pro Prime 1843 Pro Seal 9125 - X-Terminator X-Terminator 2
Metal	Rust Proof Red Alkyd 1652 Overlay Red Alkyd 1679 Galv-O-Prime 1821
Galvanized & Aluminum	
Recommended Levels of Drywall Finish Per GA-214-96	Level 5

Klean Air Flat 5850

Low Odor/VOC Acrylic Flat Enamel

May 2009

Application

NOT RECOMMENDED FOR: Bare wood, plaster, metal, glossy surfaces or cold surfaces (below 50° F).

Do not apply without the use of an appropriate primer.

New wood should have moisture content not exceeding 15% as determined by a moisture meter using appropriate testing methods. Concrete, stucco and masonry must also be allowed to cure for 30 days, prior to painting. pH of the cementitious substrate must be below 10 prior to painting. If not, neutralizing with weak acids like acetic or phosphoric is recommended with good water washing after it has dried.

Apply @ 50-90° F and 50% RH. Do not apply paint coatings during rainy, damp, foggy or freezing weather, in direct sunlight or on hot surfaces.

Equipment Recommendations:

Air Atomized spray with appropriate nozzle set up. Premium quality nylon and polyester brushes and roller covers. Maintain a wet edge to insure a uniform lap free finish.

Airless Spray using tip size of .015 to .021.

Thinning:

Not required. To thin, add no more than 4 fluid ounces of clean water per gallon. Do not add additives to this product.

Clean Up/ Storage:

Water clean up. Store at between 40 and 100 degrees F. (5-38 degrees C). Keep From Freezing

Special Notes:

“Surfactant Bleed” sticky white, brown, clear runs or spots can occur on newly painted surfaces if exposed to moist conditions before surfactants can evaporate from the drying paint film. Remove these water-soluble extractives by washing with mild detergent and water. Use alkyd enamels in high moisture areas to avoid this problem.

Precautions

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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/MSHA TC23C or equivalent) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed get medical attention immediately.

Keep out of reach of Children

Do not take internally

Use with adequate ventilation

To the best of our knowledge, the information presented herein is correct. No guarantee of accuracy is given or implied. The information is subject to change without prior notice. Because conditions of surface preparation, material handling, and application are beyond our control, we assume no responsibility for product performance or injuries resulting from use of our products. Liability, if any is limited to the replacement of products. No other warranty or guarantee of any kind is made by the seller, express or implied, statutory, by operation or law or otherwise, including merchantability and fitness for a particular purpose.