



SPEEDHIDE®

6-1410 Series

Architectural Coatings

GENERAL DESCRIPTION

Our commercial grade water-borne alkyd designed as a spray or brush and rolled-applied, satin, interior/exterior finish coat for wood, plaster, wallboard, metal and masonry surfaces. Speedhide WB alkyd is a low VOC replacement for traditional alkyd enamels providing alkyd hardness and durability. This coating is formulated to provide excellent gloss retention, flash rust resistance, and adhesion. This product's tough, durable finish has good block resistance and is resistant to mildew formation on the paint film. It is a compliant 'green' coating with less than 50 g/L VOC and its low odor makes Speedhide WB suitable for institutional, commercial and residential applications.

RECOMMENDED SUBSTRATES

Aluminum	Galvanized Steel	Plaster
Concrete	GWB	Pre-Primed Molding
Ferrous Metal	Masonry	Wood

Concrete/Masonry Block

CONFORMANCE STANDARDS

- VOC compliant in all regulated areas
- Can earn LEED NC Version 2.2 and 3.0 Credits

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. Prime all unpainted surfaces with an appropriate PPG primer prior to application of the product. When using more than one can of the same color, intermix to ensure color uniformity. Do not mix with solvent-type paints or with paint solvents. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Application Equipment: Apply with a high quality brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Airless Spray: Pressure 2000 psi, tip 0.017" - 0.021"

Brush: High Quality Polyester/Nylon Brush

Roller: 3/16" - 3/8" Nap Roller Cover

Thinning: No thinning required.

Permissible temperatures during application:

Material: 50 to 90°F 10 to 32°C

Ambient: 50 to 100°F 10 to 38°C

Substrate: 50 to 100°F 10 to 38°C

FEATURES AND BENEFITS

Features

- Low VOC (<50g/L) and low odor
- Excellent flow and leveling
- Alkyd hardness and durability
- Diminished yellowing
- Excellent block resistance
- Excellent stain blocking and stain resistance
- Good color and gloss retention
- Good adhesion
- Flash rust resistance for DTM applications
- Can earn LEED NC Version 2.2 and 3.0 Credits

SPEEDHIDE® Interior/Exterior WB Alkyd Satin

TINTING AND BASE INFORMATION

Refer to the appropriate color formula book, automatic tinting equipment and or computer color matching system for color formulas and tinting instructions.

6-1410 White and Pastel Base

6-1420 Midtone*

6-1430 Deeptone*

*Must be tinted.

Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

PRODUCT DATA

PRODUCT TYPE:	Water-Borne Alkyd
SHEEN:	Satin: 20 to 30 (60° Gloss Meter)
VOLUME SOLIDS:	34% +/- 2%
WEIGHT SOLIDS:	45% +/- 2%
VOC:	36 g/L (0.3 lbs./gal.)
WEIGHT/GALLON:	9.99 lbs. (5.6 kg) +/- 0.2 lbs. (91 g)

COVERAGE: 250 to 350 sq. ft./gal. (23.2 to 32.5 sq. m/3.78L) per U.S.

Gallon (3.78 L) on nonporous surfaces.

Wet Film Thickness: 5 mils

Wet Microns: 127

Dry Film Thickness: 1.8 mils

Dry Microns: 46

Coverage does not include variation due to application methods, surface porosity, and/or mixing.

DRYING TIME: Dry time @77°F (25°C); 50% relative humidity.

To Touch: 1 hour

To Handle: 4 hours

To Recoat: After 16 hours

To Full Cure: 7 to 14 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement. Drying is important to stain-blocking properties; if drying conditions are poor (low temperature, high humidity), longer drying times are required to achieve stain blocking.

CLEANUP: Clean tools and spray equipment with warm, soapy water immediately after use.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200°F (93°C)

*Product data calculated on product 6-1410.

Benefits

- Meets the most stringent regulatory standards
- Less brush marks on the paint film / better coverage on trim
- Long lasting beauty
- Provides a whiter finish versus traditional alkyds
- Tack free film / ideal for doors, doorframes, and windowsills
- Resistant to spillage or soiling from common household products
- Looks like new longer
- Sticks to difficult substrates
- Contains rust inhibitors
- Contributes to sustainable design

PERFORMANCE DATA

Property	Test Method	Results	Property	Test Method	Results
Pencil Hardness	ASTM D3363-92a	HB	Flexibility	ASTM D522-93a	Pass (Excellent)
Adhesion	ASTM D3359	4A	Humidity Resistance	ASTM D4587-91	Pass

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. Prime all bare and porous substrates with an appropriate primer. Remove mildew by using PPG MILDEW CHECK® Multi-Purpose Wash, 18-1; or 1 part chlorine bleach to 3 parts water. Before use, be sure to read and follow the instructions and warnings on the label. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC.** EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

CONCRETE and MASONRY: New concrete should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming with an alkali resistant primer.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment prior to priming.

GYPSUM WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, then prime prior to painting the substrate.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

PRE-PRIMED MOLDING: Primer variation may present potential adhesion problems. Any coating applied directly to pre-primed molding should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

SOLUBLE STAINS: Apply a SEAL-GRIP® Primer, 17-921, 17-941, over the stained area prior to coating, to avoid bleeding the stain into the topcoat.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime.

RECOMMENDED PRIMERS

Aluminum	6-204, 17-921
Concrete/Masonry	4-603, 17-921
Concrete/Masonry Block	4-100, 6-7, 6-15
Ferrous Metal	6-208, 90-712, 90-912
Galvanized Steel	6-209, 17-921, 90-712, 90-912
Gypsum Wallboard-Drywall	5-2, 6-2, 6-4, 9-900
Plaster	4-603, 17-921
Pre-Primed Molding	6-2, 6-9, 6-809, 9-900, 17-921
Wood	1-70, 6-2, 6-9, 6-809, 9-900, 72-1, 17-921

PACKAGING

1-Gallon (3.66 L)
5-Gallon (18.9 L)

LIMITATIONS OF USE

Apply only when air and surface temperatures are above 50°F (10°C) or above and when the air and surface temperatures will remain above 50°F (10°C) for the next 24 hours. Avoid exterior application late in the day when dew and condensation are likely to form or when rain is anticipated. For maximum stain resistance, allow 24 hours before applying topcoat.

IMPORTANT: All alkyd products change color with age. The yellow discoloration is most visible in whites and light colors. PPG latex products are recommended when yellowing is a concern.

PROTECT FROM FREEZING. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

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