



Architectural Coatings

ULTRA-HIDE 440 Interior/Exterior WB Acrylic Alkyd Semi-Gloss

GENERAL DESCRIPTION

Ultra-Hide 440 WB Acrylic Alkyd Paint Semi-Gloss is a durable semi-gloss interior/exterior waterborne acrylic-alkyd paint designed for new and repaint applications where speed of application and maximizing productivity are most important in the commercial, multi-family and residential repaint markets. This product is a low VOC replacement for traditional alkyd enamels providing alkyd hardness and durability. Ideal for use on properly primed interior and exterior surfaces of wood, metal, masonry surfaces. Use for applications including wood cabinets, bathrooms, kitchens, lawn and porch furniture and metal railings/pipes.

RECOMMENDED SUBSTRATES

Table with 2 columns: Substrate types (Aluminum, Concrete, Galvanized Metal, Gypsum Wallboard Drywall, Masonry, Plaster, Steel, Wood)

CONFORMANCE STANDARDS

VOC compliant in all regulated areas
Can help earn LEED® 2009 credits

APPLICATION INFORMATION

Mix thoroughly before use. May be applied by nylon/polyester brush, roller or airless spray. Do not use natural china bristle brushes. Pre-wet rollers and brushes with tap water prior to painting. Use a roller wherever possible. Due to fast dry, brushing should be limited to small areas where a wet edge can be maintained. Rinse brush in warm water periodically during extended brush application periods. If touch-up is required after the enamel has set, wait until it has dried to touch. For airless spray application, use a .013" tip. Adjust pressure as needed. Use two coats of this enamel for maximum durability and uniformity. If sanding between coats, use a clog resistant sandpaper appropriate for waterborne or latex coatings (see manufacturers recommendations). USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-454-3336.

Application Equipment: Apply with a high quality nylon/polyester brush, roller or by airless spray equipment.

Airless Spray: Pressure 2000 psi, tip 0.013" 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.

Brush: Polyester/Nylon Brush

Roller: 1/4" - 3/8" nap roller cover

Thinning: Thinning is not required. If desired, product may be thinned with water up to 1/2 pint per gallon.

Permissible temperatures during application:

Table with 3 columns: Material, Ambient, Substrate and their respective temperature ranges in Fahrenheit and Celsius.

TINTING AND BASE INFORMATION

Table with 2 columns: Product code (GPK-5000, GPK-5300, GPK-5400, GPK-5500) and Base (White, Base 1, Base 2, Base 3)

Tint the appropriate base with universal colorants.

PRODUCT DATA

Table with 2 columns: Product property (PRODUCT TYPE, FINISH, SHEEN, VOLUME SOLIDS*, WEIGHT SOLIDS*, VOC*, WEIGHT/GALLON*) and Value (Polyurethane Resin, Semi-Gloss, Gloss: 40 - 80 units @ 60°, 47% +/- 1%, 62% +/- 1%, <50 g/L (0.4 lbs./gal.), 11.63 lbs. (1.40 kg/L))

*Product data calculated on GPK-5000.

PRACTICAL COVERAGE: Apply at 380-500 sq. ft./gal. (9-12 sq. m/L). Actual coverage may vary depending on surface texture, porosity, and application method. For best hiding of bright or accent colors, prime with the appropriate grey basecoat. Contact your Glidden Representative for the correct grey basecoat for your topcoat color. Certain shades of yellow, orange and red may require multiple coats.

Table with 2 columns: Property (Wet Film Thickness, Wet Microns, Dry Film Thickness, Dry Microns) and Value (3.2 - 4.2 mils, 81 - 107, 1.5 - 1.8 mils, 38 - 46)

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity May be lightly sanded or recoated in two hours even though the paint film will still feel tacky. Dries tack-free in 4 to 6 hours. Product is dry to handle in 16 hours. Product achieves complete hardness/cure in approximately two weeks. Low temperature, high humidity, thick films or poor ventilation will increase these times. Deep tinted colors may require more dry time prior to sanding.

Table with 2 columns: Property (To Touch, To Recoat, Tack free, To Handle) and Value (1 hour, 2 hours, 4-6 hours, 16 hours)

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Clean immediately with warm, soapy water. If paint has dried for a period of several hours, brushes may be cleaned with mineral spirits and a brush comb.

WASHING INSTRUCTIONS: After 30 days or when paint has fully cured, areas may be washed using a non-abrasive, mild detergent solution and cellulose sponge.

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)

FEATURES / BENEFITS

Features

Low VOC and Low odor
 Alkyd hardness and durability
 Fast dry times
 Good abrasion and moisture resistance
 Excellent adhesion to aged alkyds
 Excellent gloss retention properties for interior use
 Can help earn *LEED* 2009 credits

Benefits

Meets the most stringent VOC regulations nationwide
 Long lasting beauty
 Turns jobs faster maximizing productivity
 Longer lasting finish
 Sticks to difficult substrates
 Looks like new longer
 Contributes to sustainable design

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.

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.

NEW SURFACES: Steel: Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6). Performance over hand or power-tool cleaned surfaces is dependent on the degree of cleaning. Prime with this product. **Galvanized Metal and Aluminum:** Prime galvanized metal with *GRIPPER*[®] primer sealer. Prime aluminum with this product. **Wood:** Interior, set nails and fill holes with latex spackle. Sand smooth. Dust clean. Prime with this product or prime with *GRIPPER* primer sealer. Do not use this product with lacquer undercoats. Exterior, spot prime pine knots with *GRIPPER* primer sealer. Prime entire surface with *GRIPPER* primer sealer. **Drywall:** Prime with *GRIPPER* primer sealer. **Concrete, Plaster and Masonry:** Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen slick poured or precast concrete and remove sealers by chemical cleaning or abrasive method such as sandsweeping. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime with *GRIPPER* primer sealer. Fill concrete block with a latex block filler, then prime interior block with *GRIPPER* primer sealer.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz. (473 mL) liquid household bleach and two oz. (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under **NEW SURFACES**. Prime porous flat surfaces with *GRIPPER* GL3210 acrylic primer. Other previously painted surfaces may be primed with this product.

LIMITATIONS OF USE

Apply when air and surface temperatures are between 50°F (10°C) and 90°F (32°C). Do not apply when the surface or air temperature is below 50°F (10°C). PROTECT FROM FREEZING.

PACKAGING

Quart (946 mL)
 1-Gallon (3.78 L)
 5-Gallon (18.9 L)
 Not all products available in all sizes.

PRECAUTIONS

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. For emergency information call (800) 545-2643. Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information. If sanding, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes. Get medical attention. If swallowed, get medical attention immediately. If inhalation causes discomfort, remove to fresh air. If discomfort persists or breathing difficulty occurs, get medical attention. KEEP FROM FREEZING. DS26-0306

Glidden Professional, the Glidden Professional Logo, ULTRA-HIDE, and GRIPPER are registered trademarks of the PPG Group of Companies. The PPG logo is a registered trademark of PPG Industries Ohio, Inc. LEED is a registered trademark of the US Green Building Council.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-454-3336.



PPG Architectural Coatings
 One PPG Place
 Pittsburgh, PA 15272
www.gliddenprofessional.com/THD

Technical Services
 1-800-454-3336

A3.87 4/2014

Made in the
USA