

Product Data Sheet

PRODUCT DESCRIPTION

Palisade Ultra Premium Exterior Acrylic Latex delivers a durable, long-lasting finish providing a barrier of protection from the elements. Palisade's enhanced application characteristics offer exceptional flow and leveling by brush, roll, or spray, and delivers advanced fade resistance for years of uniform, beautiful color. Palisade allows for application in low temperatures, as cool as 35° F (2° C).

TYPICAL USES

Formulated for use on residential and commercial exterior new or previously painted wood, hardboard, vinyl siding, cement board, aluminum, galvanized metal, and masonry surfaces. Ideal for use on siding, gutters, soffits, and foundations.

BASES & COLORS (tintable with ACS colorant)

BN-1521 White Base	0–4 oz/gal
BN-1522 Midtone Base	2–6 oz/gal
BN-1523 Deep Base	4–10 oz/gal
BN-0524 Neutral Base	4–14 oz/gal

PHYSICAL PROPERTIES (BN-1521)

Resin Type	Acrylic
Clean-up Solvent	Water
Finish	30–40 @ 60°
Solids by Weight	52 %
Solids by Volume	40 %

Recommended Dry Film Thickness per Coat 1.5–2 mils

Wet Film to Achieve DFT 3.75–5 mils

Theoretical Coverage @ 1 mil 642 ft²/gallon

Practical Coverage at Recommended DFT¹ 321–428 ft²/gallon

Dry Times ²	Touch	Recoat
>50° F (10° C)	½–2 hours	2–4 hours
35° F to 49° F	2–4 hours	24 hours

VOCs <50 grams/liter

¹ Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

² Dry times may vary depending upon temperature, humidity, and degree of air movement.

SPECIFICATIONS

Galvanized and Aluminum Metal

- 1 ct VersAcryl 300 Acrylic DTM Primer
- 2 cts Palisade Exterior Semi-Gloss

Exterior Wood

- 1 ct Any AU-Series Alkyd Primer
- or
- 1 ct Any BU-Series Acrylic Primer
- 2 cts Palisade Exterior Semi-Gloss

Ferrous Metal

- 1 ct Any AZ-Series CoteAll Multi-Purpose Primer
- 2 cts Palisade Exterior Semi-Gloss

Block

- Smooth
- 1 ct Any BU-Series Acrylic Latex Primer
 - 2 cts Palisade Exterior Semi-Gloss

Porous

- 1 ct Any BF-Series Exterior Block Filler
- 2 cts Palisade Exterior Semi-Gloss

Poured Concrete

- 1 ct Any BU-Series Acrylic Latex Primer
- 2 cts Palisade Exterior Semi-Gloss

Cement Siding

- Pre-primed
- 2 cts Any BN-Series Palisade Exterior Semi-Gloss
- Unprimed
- 1 ct Any BU-Series Acrylic Latex Primer
 - 2 cts Palisade Exterior Semi-Gloss

Vinyl Siding

- 2 cts Palisade Exterior Semi-Gloss

This data sheet provides general recommendations and not intended to limit the use of this product. Test areas are always recommended to confirm results. For more detailed recommendations, please contact your local Diamond Vogel Sales Representative.

SURFACE PREPARATION

All surfaces must be cured, clean, sound, dry and free of all dirt, dust, efflorescence, wax, oil, grease, chalk, and any other contamination that would interfere with new coating adhesion. **Bare surfaces must be properly prepared and primed prior to application of this product.**

Masonry Surfaces- Poured Concrete, Concrete Block

New concrete and mortar should cure for a *minimum* of 30 days at 72° F (22° C) prior to coating application. Level all surface projections and mortar spatters by stoning. Rake mortar joints clean and remove all soluble salts.

Wood Surfaces Patch nail holes, cracks, and imperfections with exterior spackling compound. Sand and wipe clean. Woods subject to tannin bleeding should be primed with a stain blocking primer.

New Galvanized/Aluminum Metal Surfaces Solvent wipe to remove surface contamination, then use an etching solution or abrade the surface by sanding.

Weathered Galvanized/Aluminum Surfaces Power or hand wash with detergent and rinse thoroughly. The surface must be dull and slightly rough; use an etching solution or sand if needed.

Vinyl Surfaces Power or hand wash with detergent and rinse thoroughly. All chalk residue must be removed from the surface.

Cement Board Be sure surface is clean and free of all contaminants.

Ferrous Metal Surfaces Remove loose rust and mill scale with hand or power abrading tools (reference SSPC-SP-2 or SSPC-SP-3).

Previously Painted Surfaces

- Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry.
- Remove all loose coatings, deteriorated wood fibers and corrosion by scraping, sanding or other abrading method. Dull glossy, slick and/or non-porous surfaces with sandpaper.
- Patch and fill areas as needed. Spot prime bare areas with appropriate primer.

Mildew

Remove by using a solution of one (1) part household bleach and three (3) parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes then rinse completely and allow to dry before coating application. Do not add ammonia to the bleach/water solution.

APPLICATION

- Stir material prior to application. Intermix tinted containers to ensure color uniformity of all material.
- Equipment must be clean prior to start. Flush airless lines with water.
- Apply by brush, roller, or spray. A good quality synthetic brush will make application easier. Select a roller cover suited for the texture of the surface to be coated. Airless tip sizes of .015 to .017 are recommended.
- Apply the product in full even coats and maintain a wet edge. Allow the product to dry between coats.
- Do not thin

ENVIRONMENTAL VARIABLES

Protect product from freezing prior to and during application. Minimum surface and air temperature required for application is 35° F (2° C) and at least 5° F (3° C) above the dew point. Curing is affected by temperature, humidity, and air movement. The minimums must be maintained for at least twenty four (24) hours in order to achieve proper film formation. Application at elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation.

CLEAN-UP

Clean up spills immediately with soap and warm water. Clean 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.

CAUTIONS

For exterior use only
Do not apply below 35° F
Protect from freezing
Not intended for use on floors
Do not take internally
Use with adequate ventilation
KEEP OUT OF REACH OF CHILDREN

*WARNING! 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 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.

Limited Warranty

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel's liability will under no circumstances exceed replacement of the product.