PermAcryl

Interior Latex Semi-Gloss Enamel

Product Data Sheet

PRODUCT DESCRIPTION

PermAcryl Interior Semi-Gloss is a premium quality interior latex enamel. It is formulated for superior washability and durability. PermAcryl Semi-Gloss dries to a pleasing sheen, is spatter resistant and has excellent hide.

TYPICAL USES

Formulated for use on residential and commercial interior walls, ceilings, trim and doors. Designed as a finish coat for interior drywall, wood, plaster and masonry surfaces.

BASES & COLORS-tintable with ACS Colorant

DS-1570 Cotton White	N/A
DS-1579 Pure White Base	0-4 oz/gal
DS-1571 White Base	0-4 oz/gal
DS-1572 Midtone Base	2-6 oz/gal
DS-1573 Deep Base	4-10 oz/gal
DS-0574 Neutral Base	4-14 oz/gal

PHYSICAL PROPERTIES(DS-1570)

Resin Type	Acrylic Latex
Clean-up Solvent	Water
Finish	40-45 @ 60°
Solids by Weight	45 %
Solids by Volume	36 %
Recommended Dry Film Thickness per Coat	1.5-2 mils
Wet Film to Achieve DFT	4-5.5 mils
Theoretical Coverage @ 1 mil	577 ft^2/gallon
Practical Coverage at Recommended DFT[1]	288-384 ft^2/gallon
Dry Times[2]	
@ 70° F (21° C) and 50% R.H.	Touch 2-4 hour Recoat 4-6 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

Drywall

1 ct Any DU-Series Interior Latex Primers
2 cts PermAcryl Interior Semi-Gloss

Plaster

1 ct OmniPrep Universal Interior Primer
or
1 ct Alkyd Enamel Undercoat
2 cts PermAcryl Interior Semi-Gloss

Ferrous Metal

1 ct Any CoteAll Multi-Purpose Primer
or
1 ct VersAcryl 300 Acrylic DTM Primer
2 cts PermAcryl Interior Semi-Gloss

Galvanized Metal:

1 ct VersAcryl 300 Acrylic DTM Primer
2 cts PermAcryl Interior Semi-Gloss

Aluminum

1 ct VersAcryl 300 Acrylic DTM Primer
2 cts PermAcryl Interior Semi-Gloss

Interior Wood

1 ct Mill Max Latex Enamel Undercoat
or
1 ct Alkyd Enamel Undercoat
2 cts PermAcryl Interior Semi-Gloss

Smooth Block

1 ct OmniPrep Universal Interior Primer
2 cts PermAcryl Interior Semi-Gloss

Porous Block

1 ct Any BF-Series Block Fillers
2 cts PermAcryl Interior Semi-Gloss

This product meets or exceeds Master Painters Institute (MPI) # 141 approval standard.

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.

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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 Sand smooth any exposed wood surfaces. Patch nail holes and any imperfections with wood filler or putty and sand smooth. Remove sanding dust.

Plaster Surfaces New plaster must cure for a *minimum* of 30 days at 72° F (22° C) prior to coating application. Sand smooth and dust. Fill cracks with spackling compound, allow to dry and sand smooth. Remove sanding dust.

Drywall Surfaces Fill nail holes and imperfections with spackling compound and allow to dry. Sand tape joints and spackled areas and remove dust. New drywall should be primed with an appropriate primer or used as self-priming.

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.

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

- Cleaning 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 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 clean 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 50° F (10° 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 eight (8) 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.

Coating must be fully cured before attempting to wash the surface. Curing is temperature and humidity sensitive, ranging from 14 to 28 days.

CAUTIONS

For interior use only
Not intended for use on floors
Do not apply below 50° F.
Protect from freezing
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.