



**SPECIFICATIONS**

**RESIN TYPE**

Urethane Modified Acrylic

**FINISH**

Semi-Gloss, 35-45 @ 60°

**TEMPERATURE**

45°F - 95°F

**WEIGHT PER GALLON**

9.5 ± 0.25 lbs.

**SIZES AVAILABLE**

Quarts, 1 & 5 Gal Containers

**CLEAN-UP**

Soapy Water

**SOLIDS BY VOLUME**

34% ± 2%

**BASES AVAILABLE**

White, Clear & Custom  
Tinted Colors

**V.O.C.**

<100 g/L  
(per ASTM D6886)

**PRODUCT DESCRIPTION**

**DuraPoxy HP** is a high performance acrylic urethane enamel designed for excellent durability, adhesion and block resistance. Perfect for use in high performance architectural and light industrial applications. Can be applied to properly prepared drywall, wood, hardboard, masonry and metal.

**FEATURES**

- Durable Acrylic Urethane
- Fast Drying, Hard Finish
- Non-Blocking
- Anti-Microbial
- Scrubable & Washable
- Hand Oil & Chemical Resistant
- Resists Dirt Pick-Up
- Flash Rust Inhibitive
- Slip Resistant

**BENEFITS**

- High Performance Formulation
- Quick Return to Service
- Reduces Sticking of Doors & Windows
- Resists the Growth of Mildew
- Holds Up to Repeated Cleaning
- Good for Frequently Handled Surfaces
- Looks Cleaner for Longer
- Reduces Initial Rusting of Metal
- Aids Traction on Floors

**PERFECT FOR**

- Entry Doors
- Hand Rails
- Cabinets
- Furniture
- DTM Applications
- Clear Coating
- Floors

**MEETS VOC LIMITS FOR**

- CARB
- National AIM
- GS-11
- LEED V4

**SUBSTRATES & SYSTEM RECOMMENDATIONS**

PREP

Properly prepare all new or previously painted surfaces. See 'Surface Preparation' on Page 2 for detailed instructions.

PRIME

**Prime 1 Coat**

**SUBSTRATE**

Drywall & Masonry  
Wood & Hardboard  
Metal

**Recommended Kelly-Moore Primer**

**INTERIOR PRIMER**

971 AcryPlex PVA  
973 AcryPlex Undercoater  
5725 DTM Primer/Finish

**EXTERIOR PRIMER**

247 AcryShield Masonry Primer  
255 AcryShield Wood Primer  
5725 DTM Primer/Finish

PAINT

**Topcoat 2 Coats**

**BRUSH**  
Synthetic Bristle

**FILM THICKNESS**  
3.0-5.0 Wet Mils  
1.0-1.7 Dry Mils

**ROLL**  
3/8" to 3/4"  
Synthetic Cover

**PRACTICAL COVERAGE**  
250-400 sq ft/gal

**SPRAY**  
2000-2500 PSI  
.009"-.015" Orifice Tip

**DRYING TIME**  
@ 75°F & 50% R.H.  
Touch: 30 Minutes  
Recoat: 2 Hours

Two topcoats are required at 3-5 wet mils to achieve full sheen, color, and touch-up qualities. See pages 2 and 3 for detailed features and application instructions.

**SELF-PRIMING SYSTEM**

DuraPoxy HP is self-priming over bare drywall, wood, masonry <13 pH, and various metals. A minimum of 2 coats at 3-5 wet mils are required for touch-up, as well as sheen and color uniformity. A minimum of 4 hours are required between applied coats. Over previously painted surfaces, 1-2 coats applied at 3-5 wet mils may be acceptable. An appropriate primer or sealer is required over porous substrates, heavy tannins, stains, or metal requiring corrosion protection.

**DTM APPLICATION**

DuraPoxy HP is flash rust inhibitive and can be applied direct to properly prepared aluminum, galvanized, and ferrous metals. When full corrosion protection is needed, an appropriate rust preventative primer is required prior to painting.

**CLEAR COAT APPLICATION**

DuraPoxy HP can be applied as a clear coat using the untinted 555 clear & neutral base. Use on properly prepared interior or exterior concrete, aluminum, galvanized or previously painted surfaces. It can also be used on interior bare or stained wood surfaces. If product is to be used over stained wood, waterborne stains are recommended. Check for compatibility with any previously painted surfaces or stained wood prior to full application. Apply in thin coats and allow to fully dry before recoating. High film application or recoating too quickly may cause the product dry to a white haze. Follow all general surface preparation prior to application.

Do not apply as a clear coat over tannin rich woods or bare ferrous metal. Not recommended over wood stains that contain waxes, stearates or uncured oils. Not recommended over sanding sealers. Do not use tack rags after preparing the surface.

**FLOOR APPLICATION**

DuraPoxy HP can be applied as a floor coating for light to moderate traffic areas. Apply to interior wood or interior/exterior concrete surfaces. Follow general surface preparation guidelines prior to application. Check for compatibility with any previously painted surfaces or stained wood prior to full application. Not recommended for driving surfaces.

**DRYING TIME**  
@ 75°F & 50% R.H.

**LIGHT FOOT TRAFFIC**  
4-5 Hours

**MODERATE TRAFFIC**  
24 Hrs

**FULL CURE**  
7-30 Days

**PRODUCT RESTRICTIONS**

DuraPoxy HP is designed to be applied at a low film thickness to provide a smoother finish, faster dry time, and better hardness. Over application may cause drips or runs, longer dry times, and a softer finish. DuraPoxy HP is not intended for soft substrates or large surface areas where substrate movement or flexibility may be experienced. Excessive substrate movement may cause cracking of the paint film. Do not use on surfaces where water accumulates. Follow all surface preparation and application instructions listed for maximum performance.

**SPECIALTY PRIMER RECOMMENDATIONS****Porous Masonry**

521 Prime &amp; Fill Block Filler

**Tannin Rich Wood**

265 Hybrid Primer

**Stain Blocking**

295 Kel-Bond Universal Primer

**Dense or Glossy Surfaces**

287 Kel-Bond Adhesion Plus

**Wood - Fast Dry**

978 Kel-Bond Quick Sand

**Chalky Surfaces**

98 Multi-Seal

Ask a local Kelly-Moore representative for additional system recommendations.

**KELLY-MOORE PAINT COMPANY INC.**  
**987 COMMERCIAL ST. SAN CARLOS, CA 94070**

## SURFACE PREPARATION

**GENERAL** All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\*

**NEW SURFACES** All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter.

**NEW FERROUS METAL** Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3).

**NEW ALUMINUM & GALVANIZED METAL** Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly.

**PREVIOUSLY PAINTED SURFACES** Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

\*See WARNING! below for existing leaded paint.

## SAFETY INFORMATION

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Safety Data Sheet for this product.

### USE ONLY WITH ADEQUATE VENTILATION

### KEEP OUT OF REACH OF CHILDREN

For proper disposal of excess material, please contact your local city or county waste management agency.

### WARNING!

If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1- 800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## APPLICATION

**MIXING** Mix well before use. Purchase enough paint to complete your project at the same time. If additional paint is needed, retain some of the original material and intermix the paint before application or touch up.

**THINNING** Apply at can consistency. If thinning is necessary to maintain workability, do not exceed one-half pint of water per gallon.

**DRYING** Dry times are based on standard conditions of 75°F with a relative humidity of 50%. Lower temperatures or higher humidity may extend drying times. Higher temperatures may speed drying time.

Provide adequate ventilation and air movement during and after painting. Avoid exposure to rain or snow for at least 24 hours after application.

**TEMPERATURE** Do not apply when material, air, and/or surface temperature is outside of the recommendations on page 1. Store at room temperature and protect from freezing. Avoid exposure to temperatures outside of the recommendations on page 1 for at least 24 hours after application.

**COVERAGE** May vary depending on method of application, porosity and texture of the surface.

**APPLICATION CONT.**

**NEW SURFACES** Prime surfaces following primer recommendations on Page 1 and 2.

Two finish coats will provide a more even color and sheen. It will also help with touch-up and durability.

Backroll while spraying to ensure an even coat. Backrolling the prime coat will fill in porous surfaces. Backrolling the topcoat will reduce pinholes, create uniform sheen, and make for easier touch-up.

Avoid lap marks by maintaining a wet edge at all times. Re-wet your applicator before it starts to run dry; any light spots, when dried, may appear different than heavy spots in both color and sheen. An even coat is your goal.

Lay the paint on and leave it alone. Be sure to give paint an opportunity to flow and level after application.

This product is not intended for use on floors.

**PREVIOUSLY PAINTED SURFACES** Glossy surfaces should be completely dulled prior to painting.

Spot prime bare and patched areas or prime entire surface with a suitable Kelly-Moore product.

When making a significant color change, a primer is recommended to aid hide and appearance of the finish coating.

Follow application instructions for 'new surfaces' listed above.

**STAIN BLOCKING** When painting over stains or tannins, an appropriate primer is recommended before top coating.

For heavy stains, a second coat of primer may be required. 24 hours are required between all coats.

**CAULKING** When filling voids, prime the surface then apply paintable patching, acrylic caulking, or siliconized acrylic caulking to the manufacturer's recommendations. Allow the caulking to fully dry, then apply the finish paint.

When sealing voids or joints with expected movement, prime and paint the surface. Allow the paint to fully dry, then apply acrylic or siliconized acrylic caulking. Clear or colored caulking is a good choice for this type of application.

Painting over caulking where substrate movement is present may cause cracking of the finish coating.

**CONTAINERS AND TOOLS** Transfer material into a clean container before use. Use new or thoroughly cleaned tools. To avoid contamination, do not re-dip applicators or add used material into containers being used for storage.

**STORAGE** Store material in a clean, tightly sealed container free of rollers, brushes, or other outside materials.

**TESTING** Prior to full application, apply a test patch to ensure the preparation and coating system are appropriate for the project. If test patch results do not meet the needs of the project, contact a Kelly-Moore representative for recommendations.

**CURE** Architectural coatings require up to 30 days after final application for full cure. Cure times vary depending on environmental conditions and air circulation. Full performance characteristics are achieved when coating has fully cured.

**CLEANING** Wait at least two weeks after application before attempting to clean or maintain the surface. Use a new soft cotton cloth or sponge with clean water to wipe the surface. If the surface has heavy dirt or stains, a mild detergent may be added to the water for cleaning. Clean tools with warm soapy water.

**LIMITED WARRANTY**

The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.