



# 1680 DURA-POXY + 100% Acrylic Gloss Enamel

## Product Description

A high performance, interior/exterior, 100% acrylic gloss enamel formulated to produce a durable epoxy-like finish with excellent adhesion. Excellent stain resistant film that can stand up to repeated scrubbing and washing that occurs in high traffic areas. Ideal for hospitals, assisted living and health care facilities. Anti-Microbial properties are built in to this product to protect dried paint film. Excellent for commercial and residential application. *Also available in semi-gloss (1685) satin (1687) & eggshell (1686) finish.*

MPI Approved Product Category: #114 & #119  
Conforms to Green Seal Paints GS-11 Criteria

## Performance Features

- **Excellent Durability**
- **Scrubbable**
- **Excellent Adhesion to Aged Alkyds**
- **Superior Flow & Leveling**
- **This product contains an Anti-Microbial agent to control odors**
- **Resists film attack by mildew**
- **USDA Acceptable**

## Product Specifications

Resin Type	100% Acrylic
Color Range	White & custom tinted colors
Finish	Gloss 70+ on 60° gloss meter (MPI Gloss Level 6)
Drying Time (75° F. & 50% R.H.)	To touch: 2 hours To recoat: overnight.
Practical Coverage	Approx. 250-350 sq ft/gallon
Recommended Dry Film Thickness	1.7-2.2 mils per coat
Weight Per Gallon	10.6 lbs.
Solids By Weight	53%
Solids By Volume	40%
Shelf Life	2 years (unopened containers)
Sizes	Five gallon, one gallon & quarts
V.O.C.	<100 Grams per liter
Clean Up	Water

## Product Analysis (by weight)

<b>PIGMENT COMPOSITION</b>	<b>23%</b>
Titanium Dioxide:	23%
<b>VEHICLE COMPOSITION</b>	<b>77%</b>
Acrylic Resin:	27%
Water, Surfactants, Defoamers:	50%

## Surface Preparation

**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).

### General:

All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, glazed or dense surfaces. Fill holes and surface irregularities with a suitable patching compound to match the surface profile.

### Previously Painted Surfaces:

Spot prime bare or patched areas or prime entire surface, as required. Prime lightly-chalked painted surfaces with a suitable Kelly-Moore Surface Conditioner. Loose paint and medium to heavy chalk must be removed.

## System Recommendations

### Plaster, Masonry, Concrete:

PRIMER: 247 Acry-Shield 100% Acrylic Masonry Primer

### Wallboard:

PRIMER: 971 Acry-Plex Interior PVA Primer/Sealer

OR: 972 Acry-Plex High Hide PVA Primer/Sealer

### Interior Wood and Hardboard

PRIMER: 975 Acry-Plex Int. Latex Enamel Undercoat

OR: 295 Uni-Prime All Purpose Primer

### Exterior Wood and Hardboard:

PRIMER: 255 Acry-Plex 100% Acrylic Primer

### Ferrous Metal:

PRIMER: 5725 DTM Acrylic Metal Primer

OR: 1725 Acry-Shield 100% Acrylic Metal Primer

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# 1680 DURA-POXY + (cont.)

## Aluminum & Galvanized Metal:

PRIMER: 1725 Acry-Shield 100% Acrylic Metal Primer

OR: Self-Priming

FINISH: 1680 Dura- Poxy + 100% Acrylic Gloss Enamel

## Application

Do not apply when material, air, and/or surface temperature is below 50°F or if rain is imminent. Extremely high or low temperature or periods of high relative humidity may adversely affect dry time. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks.

## Thinning

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

## Precautions

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

USE ONLY WITH ADEQUATE VENTILATION  
KEEP OUT OF REACH OF CHILDREN.

## Proper Disposal

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

**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.

## Chemical and Stain Resistance

The following tests were conducted on preprimed carbon steel panels topcoated with Dura-Poxy + Acrylic Enamel. All panels were cured at ambient conditions for three weeks before testing. The various substances and chemicals listed were allowed to stand on the panels overnight under watch glasses. The panels were then rinsed and washed with liquid spray detergent (Fantastic) and a sponge.

FOOD TYPE STAINS	EFFECT
BBQ Sauce	No effect
Catsup	No effect
Coffee	No effect
Jelly	No effect
Mustard	No effect

### GRAFFITI TYPE STAINS

Pencil	No effect
Ballpoint pen	No effect
Water soluble marker	No effect
Alcohol soluble marker	*

\* Lightly rubbing with rubbing alcohol (70% IPA) removes stain and dulls paint film. When dry, it can be buffed back to original sheen.

REAGENT	EFFECT
Fantastic	No effect
Clorox	No effect
Urine	No effect
Rubbing Alcohol	Softens**
Mineral Spirits	No effect
Methyl Ethyl Ketone	Softens**
10% Hydrochloric Acid	No effect
2% Sodium Hydroxide	***

\*\* Dries back to original sheen.

\*\*\* May be used for cleaning if contact with paint film is less than one hour.