

Product Description

A premium quality, interior, two component, water reducible, gloss epoxy. Designed for use on properly prepared wall, trim and ceiling surfaces and concrete floors. Provides a durable, chemical resistant, washable and decorative finish when applied to gypsum wallboard, plaster, concrete, masonry, metal, wood and hardboard. Excellent for light industrial, commercial and residential application.

Performance Features

- **Excellent Durability**
- **Excellent Abrasion Resistance**
- **Chemical Resistant**
- **Excellent Adhesion**
- **Easy Application**
- **Low Odor**
- **USDA Acceptable**

Product Specifications

Resin Type	Epoxy / Amine Adduct
Color Range	White, Clear, custom colors
Finish	High Gloss 85+ @ 60° (MPI Gloss Level 7)
Drying Time (75° F. & 50% R.H.)	To touch: 2 hours To recoat: 6 hours
Practical Coverage	Approx. 350-450 sq ft/gallon
Recommended Dry Film Thickness	1.5-2.0 mils per coat
Weight Per Gallon	11 lbs. (mixed)
Solids By Volume	39% (mixed)
Pencil Hardness	2B
Shelf Life	2 years unmixed, unopened containers
Sizes	One & Four gallon kits
V.O.C.	<250 Grams per liter (mixed)
Clean Up	Water

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.

General:

All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalky or loose paint, rust, loose mill scale, bond breakers and curing compounds, efflorescence, asphalt stains, 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 surfaces irregularities with a suitable patching compound to match the surface profile.

Previously Painted Surfaces:

Spot prime bare or patched areas or prime entire surface, with a suitable Kelly-Moore primer. Check for compatibility with existing coating.

New Ferrous Metal:

Follow the Steel Structures Painting Council's specifications for surface preparation depending on the requirements of the specific project: SSPC-SP1 Solvent Cleaning, SP2 Hand Tool Cleaning, SP-5 White Metal Blast, SP-6 Commercial Blast, SP-10 Near White Metal Blast.

Non-Ferrous Metal (Aluminum, Galvanized):

Wash thoroughly with Tri-sodium phosphate & water solution or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly and allow to dry.

New Concrete Floors: Allow concrete to cure for at least thirty (30) days before coating. Blast or acid etch followed by a thorough rinse with fresh water. Allow to dry.

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7100 ENVIRA-POXY (cont.)

MIXING: This is a two (2) component system. Both components must be mixed together in order for the coating to dry and cure. Stir thoroughly base component 7100(A) and catalyst 7100-002(B) separately. Then add catalyst (B) to base component (A) at a ratio of 1 part catalyst (B) to 3 parts base component (A) and again stir thoroughly. Allow mixture to “sweat-in” for 30 minutes before use. Note: If humidity is greater than 50% allow 45 minutes “sweat-in”. POT LIFE: 4 - 6 hours. Mix only enough to be used in this time as any product remaining after expiration of pot life is unusable

System Recommendations

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

Ferrous Metal:

PRIMER: 7125 Envira-Poxy Primer
OR: 1725 Acry-Shield 100% Acrylic
Metal Primer
OR: 5725 DTM Acrylic Primer
OR: 1710 or 1711 Kel-Guard Alkyd
Rust Preventative Primer

Non-Ferrous Metal:

PRIMER: 1725 Acry-Shield 100% Acrylic
Metal Primer
OR: 5725 DTM Acrylic Primer

Concrete:

PRIMER: Self Priming (*thin first coat*
10-15% with clean tap water)

FINISH: 7100 Envira-Poxy

Application

Brush, roll or spray. 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. For additional safety information, consult the Material Safety Data Sheet for this product. Protect material from freezing.

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

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.