

THIS PRODUCT MAY NOT BE AVAILABLE IN SOME AREAS DUE TO VOC REGULATIONS  
 Contact your Kelly-Moore representative for more information

**Product Description**

KM-155 is a moisture tolerant, two component, modified polyamine adduct cured clear epoxy designed as a concrete primer to be used under the appropriate industrial coatings, such as KM-15 Chemical Mastic Epoxy. The low viscosity provides deep penetration into the concrete for excellent surface adhesion.

**Performance Features**

- **Excellent Adhesion to Concrete & Masonry**
- **May be Applied to Damp or Moist Surfaces**
- **Has Long 'Open Time' for 100% Solids Finish**
- **Helps Prevent Delamination of Toppings & Mortars at Bond Line**
- **Excellent as Clear Concrete Sealer by Itself**

**Product Specifications**

Resin Type	Epoxy Amine
Color Range	Clear
Finish	Gloss
Recoat Time	See Recoat Time, 2 <sup>nd</sup> page
Practical Coverage	150-250 Sq. Ft. / Gallon
Recommended Dry Film Thickness	5-8 mils per coat
Solids By Volume	74%
Mixing Ratio	1:1 by volume 1 part Base <u>A</u> : 1 part Hardener <u>B</u>
Pot Life	20-30 minutes @ 75°F.
Sizes	Ten Gallon & Two Gallon kits
V.O.C.	239 Grams per liter
Thinner	DO NOT THIN
Clean Up	KM-S-74 or MEK

**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:**

Use one or more of the following surface preparations depending on the condition and end use of the concrete surface.

1. High Pressure Wet Abrasive Blast Cleaning:

All loose and unsound concrete must be mechanically removed down to sound concrete by means of power tool equipment, such as chipping/scaling hammers, rotary scalers, etc.

2. Acid Etch:

Apply Acid solution per manufacturer's directions. Rinse very thoroughly.

Vacuum Blast:

Vacuum blast entire surface using a Wheelabrator Blastrac Shot blast machine with dust collector. A proper anchor profile pattern shall be achieved to provide maximum adhesion. A thorough washing may be necessary prior to blasting to remove foreign matter. Check with Blastrac Mfg. for proper shot and application procedures.

Dry Abrasive Blast:

Abrasive blast concrete surface to remove all laitance, coating, sealers, etc. It is necessary to achieve a rough anchor pattern and get to sound concrete. All blast material and foreign matter must be removed before application.

**Mixing Instructions:**

KM-155 is prepared by mixing 1 part Base (part A) with 1 part hardener (part B) with a slow speed, explosive proof, variable speed drill & Jiffy mixer. KM-155 should be used without any induction time. Do not thin.

**Application:**

For best results, apply by roller using a medium nap, phenolic core roller cover. Apply an even, uniform, wet film while working material into surface. Do not allow material to puddle. Spread rate will be approximately 150 to 250 sq. ft. per mixed gallon, depending upon porosity of concrete surface. KM-155 may also be sprayed but should then be back-rolled to produce a uniform coat. For small areas and cutting in use a pure bristle brush.. Do not apply to surfaces below 45° F. or above 100° F.

For safety and product curing, proper ventilation is necessary throughout application and cure.

*Continued Next Page*

## KM-155 (cont.)

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Do not apply if the surface temperature is within 5° F of the dew point. KM-155 Base and Hardener should be stored at 75°-85° F. to help maintain a lower, rollable viscosity. Do not apply when material is cold. Allow a minimum of 72 hours with good ventilation before putting floor back into service.

### **Recoat Time:**

As a primer for epoxy mortars, toppings and 100% solids coatings, KM-155 should be topcoated while still tacky. This will be 1-4 hours when KM-155 is applied at a rate of 150-250 sq. ft. per gallon.

When used as a primer for solvent coatings, KM-155 must be dry. Under the same conditions this will be 6-8 hours minimum and 24 hours maximum. If the recoat time is in excess of 24 hours, sanding with 80-100 grit open paper is required, then recoat with KM-155 Clear Epoxy Damp Concrete Primer.

### **Precautions**

KM-155 is flammable. Keep away from all sources of ignition during storage, mixing, application and cure. The Hardener (part B) either alone or mixed with the Base (part A) can cause eye and skin burns as well as allergic reactions. When spraying, the use of goggles, fresh air masks or NIOSH approved respirators, protective skin cream, and protective clothing is recommended as standard practice. This product is sold without warranty as to performance expressed or implied. Users are urged to make their own tests to determine the suitability for their particular conditions.

### **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.

**SEE MATERIAL SAFETY DATA SHEET FOR FULL SAFETY PRECAUTIONS**

**KM-155 IS FOR PROFESSIONAL USE ONLY**

**KEEP AWAY FROM CHILDREN**