

KELLY-MOORE PAINTS INDUSTRIAL COATINGS HIGH PERFORMANCE SYSTEMS

KM-145 Polyamide Epoxy Block Filler

THIS PRODUCT MAY NOT BE AVAILABLE IN SOME AREAS DUE TO VOC REGULATIONS

Contact your Kelly-Moore representative for more information

Product Description

A two component, high build modified Polyamide cured epoxy block filler formulated to seal, fill and level porous masonry block surfaces. Normally, 1-2 coats of KM-145 will also fill most small voids, and crevices to provide a smooth, even surface for painting. Ideal for interior or exterior block and masonry surfaces. KM-145, with the recommended topcoats, provides a system with excellent chemical and abrasion resistance, as well as a system that withstands frequent cleanings.

Performance Features

- Excellent Adhesion to Block & Masonry
- Excellent Filling Properties
- High Impact & Abrasion Resistance
- Much Harder than Latex Block Fillers
- Excellent Base for High Performance Coatings

Product Specifications

Resin Type	Polyamide Epoxy
Color Range	Off White
Finish	Flat
Recoat Time	24-72 hours depending on thickness @ 75° F.
Practical Coverage	75-150 Sq. Ft. / Gallon
Solids By Volume	54%
Mixing Ratio	1:1 by volume 1 part Base <u>A</u> : 1 part Hardener <u>B</u>
Induction Time	30 min. - 1 hour
Pot Life	6-8 hours @ 75°F.
Sizes	10 & 2 gallon kits
V.O.C.	406 Grams per liter
Thinner	KM-SA-65
Clean Up	KM-SA-65 or KM-S-74

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.

When coating new block and masonry surfaces, remove all dirt, dust, grease, oil, form release agents, curing compounds, salts, hardeners, chemical contaminants, soil, laitance, efflorescence, old paint, and any other foreign matter. The prepared surface must be clean, dry and structurally sound. Surface should be cleaned by sand blasting or power tool cleaning. Repair damaged masonry cracks, bug holes, spalled areas, joints and seams with appropriate filler. Allow new masonry to age for 30 days before painting.

Mixing Instructions

Stir each component to a uniform consistency, by power agitation. Make sure any pigment settled to the bottom is incorporated. Do not vary proportions. Poly-Chem KM-145 Block Filler is prepared by mixing 1 part Base (Part A) to 1 part Hardener (Part B) with a slow speed, explosion proof, variable speed drill with a Jiffy mixer. Be sure material is thoroughly mixed together. Allow an induction or "sweat in" time for 30 minutes to one hour before using. Then re-mix once more and apply. Thin up to 10% per gallon with KM-SA-65.

Application Procedure

KM-145 can be applied by brush, roller or spray. Apply 1-2 coats, depending on porosity.

Airless Spray	Conventional Spray
Gun - Graco 205-591	Gun: DeVilbiss MBC-510 or JCA
Pump - 30 :1	Fluid Tip - E
Tip Range - .025 - .033 @ 2500-3300 psi	Air Cap - 64 or 704
Hose - 3/8 inch I.D.	Atomizing Pressure: 60-100 psi
	Pot Pressure - 30-50 psi
	Hose - 1/2 inch I.D.

Continued Next Page

KM-145 (cont.)

The preferred method of application is to apply a full base coat using an airless spray unit, followed immediately by "back-rolling" the materials to produce a uniform, smooth finish. Use a 3/8" to 1/2" nap, phenolic core roller cover for "back -rolling". For best results in spraying, use 50% overlapping crosshatch pattern to minimize the occurrence of pinholes. Rough and porous block may need two (2) coats of KM-145 Block Filler before applying the rest of the coating system.

Make sure the KM-145 Epoxy Block Filler is stored at 70°F - 80°F before using. Do not apply to surfaces below 50°F, or above 100°F. Do not apply over dew or frost. The surface should be dry and at least 5°F above the dew point

Cure Time:

<u>Temperature</u>	<u>Tack Free</u>	<u>Recoat</u>
90°F.	1-2 hours	12-36 hours
75°F.	2-3 hours	24-72 hours
50°F.	6-8 hours	48-96 hours

Precautions

KM-145 is flammable. Keep away from all sources of ignition during mixing, application and cure. The Hardener (Part B) can cause eye and skin burns as well as allergic reactions. The use of goggles, fresh air masks or NIOSH approved respirators, protective skin cream and protective clothing is a recommended standard practice when spraying coatings. For safety and proper product curing, good ventilation is necessary when painting indoors or in confined areas

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-145 IS FOR PROFESSIONAL USE ONLY

KM-145 IS FOR INDUSTRIAL USE ONLY

KEEP AWAY FROM CHILDREN