

KPOXY LOW MODULUS BINDER/ PRIMER DATA SHEET

DESCRIPTION

KPOXY LOW MODULUS BINDER is a 100% solids, moisture tolerant epoxy primer for concrete, wood, and masonry surfaces. Combining water insensitivity with good wetting properties, **KPOXY LOW MODULUS BINDER** is the ideal primer for almost every **KPOXY Flooring System**.

KPOXY LOW MODULUS BINDER provides excellent filling and sealing properties needed under high performance epoxy wall coatings on concrete and cinder block walls.

The moisture tolerance of **KPOXY LOW MODULUS BINDER** allows it to be applied to damp concrete after surface preparation. This includes bonding "old to old" or "new to old" concrete.

KPOXY LOW MODULUS BINDER provides an excellent high strength, weather resistant bond.

In addition, the low modulus of elasticity and stress relieving properties of **KPOXY LOW MODULUS BINDER** makes it ideal for use as a binder for epoxy mortar systems and for patching and grouting applications.

KPOXY ADVANTAGES

- Low modulus; stress relieving
- Fast cure formulation available for priming under coatings
- Moisture insensitive cure
- Conforms to ASTM C-881 properties
- Low viscosity-good wetting properties

KPOXY CONSIDERATIONS

- Bonding surfaces must be sound, clean, and free from standing water
- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials
- Should not be installed on new concrete until maximum shrinkage has occurred (at least thirty (30) days after pour).

APPLICATION

SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in **KLEIN AND COMPANY'S TECHNICAL BULLETIN#1**. Work must be performed by trained or experienced contractors or maintenance personnel. The **KLEIN AND COMPANY'S customer service department is pleased to answer any questions- 800.241.0681**.

INSTALLATION

When priming, spread **KPOXY LOW MODULUS BINDER** at a rate of 250- 275 ft.² per gallon. Care should be taken to avoid puddles. Application can be made with brush, roller, or squeegee. For mortar applications, allow **KPOXY LOW MODULUS BINDER** to set for 30 minutes before topping. After seven (7) hours, it will be too hard. Coating applications should not be recoated until **KPOXY LOW MODULUS BINDER** has cured. To speed production, use fast cure formulation. For complete installation instructions, contact **Klein and Company's customer service department- 800.241.0681**.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner. Consult Material Safety Data for safety and health precautions.

COVERAGE

KPOXY LOW MODULUS BINDER when applied at 275 ft.² yields 5-6 mils

COMPOSITION

Polyamide-Modified Epoxy Resin and Wetting Agents

COLOR SELECTION

KPOXY LOW MODULUS BINDER is available in Clear or custom color. Custom colors are available subject to laboratory approval, minimum quantity, lead time for production, and increased cost.

TECHNICAL DATA

Viscosity @ 75°F	400-450 cps
Mixing Ratio	2 Part A to 1 Part B by Volume
Solids Content	100% Solids by volume
Volatile Organic Content (VOC)	-0-
Gloss, 60°F	Low Sheen
Weight per gallon	9.00-9.50 pounds per gallon, mixed

CURE/DRY TIME

Pot Life	30-40 minutes
Initial Cure	6-8 hours @ 75°F
Re-Coat (Regular Cure)	10-12 hours @ 75°F
Re-Coat (Fast Cure)	4-6 hours @ 75°F
Full Cure & Maximum Resistance	5 days

AVAILABILITY

KPOXY products are available throughout the United States, Canada, and a number of other countries. **Contact Klein and Company's customer service department- 800.241.0681.**

MAINTENANCE

After completing the application of **KPOXY LOW MODULUS BINDER**, the installer should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly.

KPOXY LOW MODULUS BINDER is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating a maintenance application of a finish coat.

TECHNICAL SERVICE

Klein and Company, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. **KLEIN AND COMPANY, INC. CUSTOMER SERVICE Representatives are available to assist you at any time. CALL 800.241.0681**

WARRANTY Klein and Company, Inc. warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Klein and Company, Inc. If any product fails to meet this warranty, the liability of Klein and Company, Inc. will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Klein and Company, Inc. within (1) one year of delivery of materials. Klein and Company, Inc. may in its discretion refund the price received by Klein and Company, Inc. in lieu of replacing the material. No customer, distributor, or representative of Klein and Company, Inc. is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Klein and Company, Inc. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Klein and Company, Inc. reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. KEY'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND KEY SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.