



# KEY COLD CURE EPOXIES

## DESCRIPTION

**KEY COLD CURE EPOXIES** are specially formulated primers, binders, and coatings for cold temperature applications. Able to cure at temperatures as low as 35°F, **KEY COLD CURE EPOXIES** are often used in coolers and food preparation areas that require constant low temperatures. **KEY COLD CURE EPOXIES** are also frequently used in room temperature applications to meet super-fast cure, limited shutdown needs.

## KEY ADVANTAGES

- Low temperature cure
- Low odor during application and cure--will not taint foods
- Superior stain and chemical resistance
- Bonds well to cool, damp substrates

## KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 35°F
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials

## COMPOSITION

100% Solids Epoxy Resin, Aliphatic Amines and Fillers

## COLOR SELECTION

**KEY COLD CURE EPOXIES** are available in Clear, **Key Standard Colors**, and Custom Colors as approved.

**Primer, Binder, and Coating** formulations are available.

## 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 **KEY RESIN COMPANY'S TECHNICAL BULLETIN #1**. Work must be performed by trained or experienced contractors or maintenance personnel. The **KEY RESIN COMPANY** service department is pleased to answer any questions.

### INSTALLATION

Installation of **KEY COLD CURE EPOXIES** varies with your application needs. **KEY COLD CURE COATING** and **COLD CURE PRIMER** are normally spread with a notched trowel or squeegee and back-rolled with a medium or short nap roller. Care should be taken to minimize the entrapment of air caused by over-rolling. **KEY COLD CURE BINDER** applications vary with flooring system installation.

### CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner.

## COVERAGE

**KEY COLD CURE BINDER** coverage varies with application method.

**KEY COLD CURE PRIMER:** 250 ft<sup>2</sup> yields 6-8 mils

**KEY COLD CURE COATING:** 80 ft<sup>2</sup> yields 20 mils  
160 ft<sup>2</sup> yields 10 mils

## TECHNICAL DATA

<b>Viscosity @ 75°F</b>	1,000 cps
<b>Mixing Ratio</b>	2 Parts A to 1 Part B by Volume
<b>Solids Content</b>	100%, by volume
<b>Volatile Organic Content (VOC)</b>	-0-
<b>Weight per gallon</b>	11.0-11.5 pounds per gallon, mixed

## CURE/DRY TIME

<b>Pot Life</b>	15 minutes @ 75°F
<b>Dry to Touch</b>	2-3 hours @ 75°F; 14-16 hours @ 35°F
<b>Re-Coat</b>	3-4 hours @ 75°F; 14-16 hours @ 35°F
<b>Light Traffic</b>	5-6 hours @ 75°F; 24 hours @ 35°F
<b>Full Cure &amp; Maximum Resistance</b>	5 days

## AVAILABILITY

**Key Resins** are available throughout the United States, Canada, and a number of other countries. Contact the **KEY REPRESENTATIVE** in your area for details.

## MAINTENANCE

After completing the application of **KEY COLD CURE EPOXIES**, 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.

**KEY COLD CURE EPOXIES** are 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

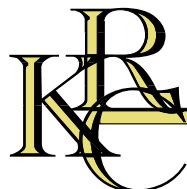
**Key Resin Company** and **KRC Associates, Inc.** provide services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. **KEY REPRESENTATIVES** are available to assist you at any time. CALL (888)943-4532.

## CHEMICAL RESISTANCE

REAGENT	RATING
Acetic Acid-10%	R
Acetone	L
Ammonia Hydroxide-38%	R
Beer	R*
Bleach	L*
Brake Fluid	L
Citric Acid-30%	R
Citric Acid-40%	L
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	R
Gasoline	R
Hydrochloric Acid-37%	R
Lactic Acid-50%	R
Lactic Acid-80%	L
Methyl Ethyl Ketone	L
Nitric Acid-10%	R
Orange Juice	R
Peroxide-35%	L
Phosphoric Acid	L
Skydrol	R
Sodium Hydroxide-50%	R
Sulfuric Acid-20%	R
Toluene	L
Urea	R
Vinegar	R
Xylene	L

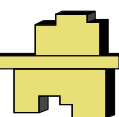
R-Recommended for continuous service.  
L-Limited Recommendation, occasional spills.  
\*-May cause slight stain or discoloration

**WARRANTY Key Resin Company** ("Key") 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 Key. If any product fails to meet this warranty, the liability of Key will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Key within (1) one year of delivery of materials. Key may in its discretion refund the price received by Key in lieu of replacing the material. No customer, distributor, or representative of Key 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 Key. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Key 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.



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