



KEY UV RESISTANT EPOXY GLAZE #512

DESCRIPTION

KEY RESIN #512 is a 100% solids epoxy glaze specially formulated for excellent clarity and water-white appearance. Resistant to ultra violet (UV) exposure, **KEY RESIN #512** provides a wear and abrasion resistant finish that resists the normal ambering of epoxy finishes. With low odor and minimal health risks, **KEY RESIN #512** is the ideal seal coat for **Key Mortar Systems**, **Key Quartz Systems**, and **Key Epoxy Terrazzo**.

KEY ADVANTAGES

- Excellent clarity & color retention
- Low odor during application and cure, can be applied in occupied buildings
- UV resistant epoxy finish
- Excellent glaze for **Key Decorative Systems**
- Meets USDA requirements for food handling applications

KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials

COMPOSITION

- 100% Solids Epoxy Resin with Cycloaliphatic Amines

COLOR SELECTION

KEY RESIN #512 is available in Clear only.

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 RESIN #512** varies with your application needs. Typically, **KEY RESIN #512** is spread with a notched or flat trowel or squeegee and back-rolled with a short nap roller. Care should be taken to minimize the entrapment of air caused by over-rolling. For complete installation instructions, contact your **Key Representative** or **Key Resin Company's Technical Service**.

CLEAN UP

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

COVERAGE

KEY RESIN #512 when applied at 160 ft² yields 10 mils.

TECHNICAL DATA

Viscosity @ 75°F	800-1,000 cps
Mixing Ratio	2 Parts A to 1 Part B by volume
Solids Content	100%, by volume
Volatile Organic Content (VOC)	-0-
Gloss, 60°F	90-100
Weight Per gallon	9.00-9.20 pounds per gallon, mixed

CURE/DRY TIME

Pot Life	20-30 minutes @ 75°F
Dry to Touch	8-10 hours @ 75°F
Re-Coat	14-16 hours @ 75°F
Light Traffic	18 hours @ 75°F
Full Cure & Maximum Resistance	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 RESIN #512**, 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 RESIN #512 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

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.

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.

CHEMICAL RESISTANCE

REAGENT	RATING
Acetic Acid-5%	L
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	L
Gasoline	L
Hydrochloric Acid-15%	R
Lactic Acid-15%	R
Lactic Acid-50%	L
Methyl Ethyl Ketone	L
Nitric Acid-10%	R*
Orange Juice	R
Peroxide-35%	L
Phosphoric Acid-85%	L
Skydrol	R
Sodium Hydroxide-50%	R
Sulfuric Acid-20%	R
Toluene	L
Urea	R
Vinegar	L
Xylene	L

R-Recommended for continuous service.

L-Limited Recommendation, occasional spills.

*-May cause slight stain or discoloration.