



KEY PRIMER/SEALER #501

DESCRIPTION

KEY RESIN #501 is a low viscosity, two component polyamide modified epoxy primer/sealer formulated with special wetting agents to provide maximum penetration into concrete surfaces. **KEY RESIN #501** seals concrete surfaces from penetration of water and chemicals which cause deterioration. Ideal for both new and old concrete surfaces, **KEY RESIN #501** is also used as a primer for **Key Epoxy** and **Urethane Coating Systems**.

KEY ADVANTAGES

- Excellent adhesion to properly prepared concrete
- Excellent abrasion resistance
- Good chemical resistance
- Minimizes dusting, staining, and dirt penetration
- Designed as a primer for high performance epoxy and polyurethane coating systems
- Odorless and non-toxic when dry

KEY CONSIDERATIONS

- Contains solvent; do not use without adequate ventilation
- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials
- Odor during application may taint foodstuff

COMPOSITION

Polyamide-Modified Epoxy Resin and Solvent

COLOR SELECTION

KEY RESIN #501 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

For best results, **KEY RESIN #501** is applied with a medium napped phenolic core roller. It may also be spread with a brush, trowel, squeegee, or conventional airless spray and then backrolled to produce a uniform coat. Apply a uniform wet film while working material into the surface. Care should be taken to avoid puddles. 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. Consult Material Safety Data for safety and health precautions.

COVERAGE

KEY RESIN #501 when applied at 275 ft² yields 2-3 mils

TECHNICAL DATA

Viscosity @ 75°F	700-900 cps
Mixing Ratio	1 Part A to 1 Part B by Volume
Solids Content	48% Solids by volume
Volatile Organic Content (VOC)	442 g/L
Gloss, 60°F	Low Sheen
Weight per gallon	8.00-8.50 pounds per gallon, mixed

CURE/DRY TIME

Induction Time (after mixing)	30 minutes
Pot Life	4-6 hours @ 75°F
Re-Coat	5-16 hours @ 75°F
Light Traffic	16-24 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 #501**, 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 #501 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.



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