

KEY #803 ACRYLIC SEALER

Product Information Sheet



DESCRIPTION

KEY #803 is a clear acrylic emulsion formulated to create a clear, non-yellowing, protective coating. **KEY #803** provides a tough, UV and abrasion resistant film that protects surfaces from moisture penetration, staining, dirt, dust, wear, and provides a surface that is easy to clean and maintain. **KEY #803** is an excellent choice for interior applications. **KEY #803** is designed as an effective terrazzo sealer thereby replacing solvent-based acrylic sealers. **KEY #803** can be used to seal concrete, masonry, brick, Saltillo tiles, or any cementitious substrate. While it is a clear-drying formulation, it will tend to impart a rich darkening, or “wet look” quality to many substrates, especially those of a dark or tinted nature.

KEY ADVANTAGES

- UV resistant, stain resistant
- Waterborne, low odor suitable for use in occupied areas
- Meets USGBC LEED criteria for low VOC
- Excellent clarity
- Low maintenance finish
- Fast dry time
- Excellent abrasion and mar resistance

KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials
- For indoor use only, do not use in exterior areas exposed to rain or ponding water

COLOR SELECTION

Clear only.

COVERAGE

200-600 ft² per gallon depending on surface porosity and/or application method.

CURE/DRY TIME

Dry to Touch	15-30 minutes @ 75°F
Recoat*	1 hour @ 75°F
Light Foot Traffic Service	24 hrs @ 75°F
Full Cure & Max. Resistance	5 Days @ 75°F

*Good air movement and humidity control are necessary for proper drying of waterborne coatings.

APPLICATION

SURFACE PREPARATION

Surface Preparation is the most critical portion to any successful resinous flooring system application. All substrates must be properly prepared as outlined in **Key Resin Technical Bulletin #1**. Work must be performed by trained or experienced contractors or maintenance personnel. The **Key Resin Technical Service Department** is available to answer any questions.

MIXING INSTRUCTIONS APPLICATION

KEY #803 can be easily applied. Apply with low pressure pump at 200-600 ft² per gallon. Can also be brushed, rolled, or spread using a lamb's wool/microfiber applicator. Coverage will vary due to ambient temperature, surface-temperature, surface porosity, and/or application methods. Do not apply if surface temperature is below 50°F. Avoid pooling and application to exterior areas that are subject to rain or ponding water. A single coat will seal the substrate to minimize staining while producing a “patina” like finish. Subsequent coats will create a surface film with a higher sheen. Care should be taken to minimize the entrapment of air caused by overrolling. Two or more coats are recommended for sealing applications.

CLEAN UP

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

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TECHNICAL DATA

Mixing Ratio	Single Component
Solids Content	20% Solids by Volume
Volatile Organic Content (VOC) (EPA Method 24)	90 g/L, compliant to low VOC Rule 1113 in all 50 states
Flash Point	None (Setaflash Test)
pH	8.5 – 8.9
Weight per gallon	8.5 lbs/gal, mixed
Thinning	No thinning is required. Apply at packaged consistency.

AVAILABILITY

Key Resin materials are available throughout the United States, Canada, and a number of other countries. Contact the **Key Resin Representative** in your area for details.

MAINTENANCE

After completing the application of **KEY #803**, the installer should provide the owner with maintenance instructions. **KEY #803** is easily cleaned with neutral soaps or detergents. Refer to **Key Resin Technical Bulletin #3** and **#3A** for additional recommendations.

TECHNICAL SERVICE

Key Resin Company provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. **Key Resin Sales/Technical Representatives** are available to assist you. Telephone 888.943.4532 or visit www.keyresin.com.

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.