



# KEY #803 AcH ACRYLIC SEALER

## DESCRIPTION

**KEY RESIN #803 AcH** is a clear acrylic emulsion formulated to create a clear, non-yellowing, protective coating. **KEY RESIN #803 AcH** 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 RESIN #803 AcH** is an excellent choice for both interior and exterior applications.

The excellent water, alkali, and efflorescence resistance of this product, in combination with its exterior durability and its ability to adhere to a variety of substrates, allow it to be used in many applications. **KEY RESIN #803 AcH** is designed as an effective terrazzo sealer thereby replacing flammable acrylic sealers. **KEY RESIN #803 AcH** can be used to seal concrete, masonry, pavers, 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

- Hot Tire Resistant
- UV Resistant
- Waterborne
- Excellent Clarity & Color Retention
- Low Maintenance Finish
- Fast Dry Time
- Excellent Abrasion & Mar Resistance
- Seals Substrate from Moisture Penetration

## KEY CONSIDERATIONS

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

## COVERAGE

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

## 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.

All surfaces must be clean and free of loose debris, dirt and dust, grease, oils, curing agents, bonding agents, and cleaning solutions. Cleaning may be accomplished by pressure washing, mechanical sanding, scraping, chipping, or sand blasting. Repair all cracks with the appropriate patching material for the existing substrate.

### INSTALLATION

**KEY RESIN #803 AcH** can be easily applied. Apply with low pressure pump at 200-600 square feet per gallon. Can also be brushed or rolled using a lamb's wool applicator. Coverage will vary due to ambient temperature, surface temperature, surface porosity, and/or application methods. Do not apply if surface temperature is below 45 °F. Avoid pooling and applications to areas that are subject to 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 over-rolling. Two coats are recommended for sealing applications.

### CLEAN UP

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

## TECHNICAL CHARACTERISTICS

<b>Weight/Gallon</b>	8.5 ± .2
<b>Drying Time</b>	15-30 minutes
<b>Re-Coat</b>	1 hour. Good air movement and humidity control are necessary for proper drying and waterborne coatings.
<b>Flash Point</b>	None (Seta Flash)
<b>pH</b>	8.5 – 8.9
<b>Solids Weight %</b>	20.0%
<b>Package Life</b>	1 year, unopened
<b>VOC</b>	0.60 grams/liter
<b>Thinning</b>	No thinning is required. Apply at package consistency.

## 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 #803 AcH**, the installer should provide the owner with maintenance instructions.

**KEY RESIN #803 AcH** is easily cleaned with neutral soaps or detergents.

## 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.**