

KEY #805 ACRYLIC SEALER

Product Information Sheet



DESCRIPTION

KEY #805 is a pigmented waterborne acrylic resin formulated to create a tough UV and abrasion resistant film that protects concrete surfaces from moisture penetration, staining, dirt, wear, and provides a surface that is easy to clean and maintain. **KEY #805** is used as a sealer for **KEY POOL DECK SYSTEM** and for sealing old and new polymer concrete floors, exterior ramps, decks, patios and sidewalks. **KEY #805** is an environmentally safe material with quick recoat and easy clean-up after installation.

KEY ADVANTAGES

- UV resistant
- Excellent color retention
- Low odor for use in occupied areas
- Meets USGBC LEED criteria for low VOC
- Low maintenance finish
- Fast dry time
- Good abrasion and 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
- High traffic applications should be sealed with a clear polyurethane topcoat such as **KEY #450 URETHANE**

COLOR SELECTION

KEY #805 is available in **KEY #805 Standard Acrylic Sealer Colors**.

COVERAGE

KEY #805 will yield approximately 2.5 mils dry film thickness when spread at 300 ft² per gallon. Coverage rate varies by system.

CURE/DRY TIME

| | |
|-----------------------------|----------------------|
| Working Life | 2-3 hours @ 75°F |
| Dry to Touch | 20-40 minutes @ 75°F |
| Recoat* | 20-40 minutes @ 75°F |
| Light Foot Traffic Service | 12-18 hours @ 75°F |
| Full Cure & Max. Resistance | 3-5 Days |

*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 #805 is applied by roller, brush, or lambs wool applicator. 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, tools, and equipment with soap and water. Consult Safety Data Sheet (SDS) for safety and health precautions.

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TECHNICAL DATA

| | |
|--|---|
| Mixing Ratio | Single Component |
| Solids Content | 46% Solids by Volume |
| Volatile Organic Content (VOC) (EPA Method 24) | 72 g/L, compliant to low VOC Rule 1113 in all 50 states |
| Flash Point | None (Setaflash Test) |
| Weight per gallon | 8.5 lbs/gal, mixed |
| Viscosity | 950 cps |

AVAILABILITY

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

MAINTENANCE

After completing the application of **KEY #805**, the installer should provide the owner with maintenance instructions. **KEY #805** 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.