



KEY #807

ACRYLIC-URETHANE TERRAZZO SEALER

DESCRIPTION

KEY #807 Acrylic-Urethane Terrazzo Sealer is a single component, clear acrylic-urethane copolymer emulsion formulated to create a non-yellowing, protective coating. **KEY #807 Acrylic-Urethane Terrazzo Sealer** 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 #807 Acrylic-Urethane Terrazzo Sealer** is water based and has near **ZERO VOC**; which makes it an excellent choice for both interior and exterior applications.

KEY #807 Acrylic-Urethane Terrazzo Sealer is designed to evenly wet the terrazzo matrix and aggregate, "popping" the true color of the epoxy, cement, and aggregates. 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 #807 Acrylic-Urethane Terrazzo Sealer** can also be used to seal concrete, masonry, pavers, brick, Saltillo tiles, or any cementitious substrate.

KEY ADVANTAGES

- UV Resistant, Stain Resistant
- Waterborne, Less Than 50 g/L VOC
- Excellent Clarity
- 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

300-600 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.

INSTALLATION

KEY #807 Acrylic-Urethane Terrazzo Sealer can be easily applied. Apply with low pressure pump at 300-600 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 minimum are recommended for terrazzo 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

Weight/Gallon	8.5 ± .2
Drying Time	15-30 minutes
Re-Coat	1 hour. Good air movement and humidity control are necessary for proper drying and waterborne coatings.
Flash Point	None (Seta Flash)
pH	8.5 – 8.9
Solids Weight %	20.0%
Shelf Life	1 year, unopened
VOC	0.60 grams/liter
Abrasion Resistance, ASTM D4060	90 mgs loss
Slip Resistance, ASTM D2047	>0.6 COF wet and dry, meets ADA requirements
Thinning	No thinning is required. Apply at package consistency.

CHEMICAL RESISTANCE (ASTM D1308 - 7 Day Covered Spot Test)

REAGENT	RATING	REAGENT	RATING
Neutral Cleaners	R	Isopropyl Alcohol	NR
Ammonium Hydroxide-10%	R	Ketchup	R
Citric Acid-5%	R	Window Cleaner	R
Coca-Cola Syrup	R	Sodium Hydroxide-5%	R
SW-30 Motor Oil	R	Tri-sodium Phosphate-5%	R
Diesel Fuel	R	Urea	R
Ethylene Glycol	R	Betadine	NR

R-Recommended for isolated spills with prompt clean-up before drying

NR-Not recommended

AVAILABILITY

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

MAINTENANCE

After completing the application of **KEY #807 Acrylic-Urethane Terrazzo Sealer**, the installer should provide the owner with maintenance instructions. **KEY #807 Acrylic-Urethane Terrazzo Sealer** is easily cleaned with neutral soaps or detergents. Refer to Key Resin Technical Bulletins #3 and #3-A for additional information, also Key Epoxy Terrazzo Maintenance Guidelines.

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.