



## KEY EPOXY TERRAZZO #109 SUPER FAST CURE

### DESCRIPTION

**KEY EPOXY TERRAZZO #109** is a fast setting, 100% solids epoxy terrazzo binder used to patch or repair epoxy terrazzo floor surfaces. **KEY #109** is the ideal material when access time to the floor is very limited with need for a quick return to service.

### KEY ADVANTAGES

- Fast Cure Provides Rapid Turn Around, Allows Grinding in 2 Hours, Polishing in 3-4 Hours after Grouting.
- Same Physical Properties and Decorative Features as Key #108 Epoxy Terrazzo Binder.
- Zero VOC, Low Odor During Application and Cure -- Can be Used in Occupied Facilities.
- Extensive Color Capabilities Allow for Unlimited Design Variations.
- Lowest Life-Cycle Costing Floor Available.

### KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 55°F.
- Working time is 15-20 minutes at 75°F.
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials.
- Should not be installed on new concrete (at least 30 days after placement) unless Moisture Vapor Control System is used.
- Mix only full units due to mixing ratio.

### COMPOSITION

100% Solids Epoxy Resin with Aliphatic Amines

### APPLICATION

#### SURFACE PREPARATION

**Surface Preparation** is the most critical portion of any successful epoxy terrazzo 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 terrazzo contractors. The **KEY RESIN COMPANY** technical service department is available to answer any questions.

## MIXING & INSTALLATION

**KEY RESIN #109** is available in two unit sizes: 1.17 gallons, 5.85 gallons. Mix only complete units by combining Part A and Part B for three minutes at a low speed in a barrel mixer or KOL style bucket mixer. Slowly add **Key Epoxy Terrazzo Filler** into the mixed **KEY RESIN #109** while mixing in the barrel or bucket mixer until filler is completely wet. Continue mixing and add required marble or glass chips (also granite, mother of pearl, etc.). For 1.17 gallon unit, add 5 lbs. filler and 30 lbs. chips. Chips should be dust free and dry. Continue mixing blend of chips and terrazzo for 3-4 minutes or until a lump free, even mix is obtained. Place and finish material within 15-20 minutes at 75°F. For complete installation instructions, contact your **Key Representative or Key Resin Company's Technical Service Department**.

## CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner before **KEY #109** gels.

## TECHNICAL DATA

Mixing Ratio	6 Parts A to 1 Part B by Volume
Solids Content	100%, by volume
Volatile organic Content (VOC)	-0-
Weight per gallon	8.5-9.0 pounds per gallon mixed

## CURE/DRY TIME

Pot Life	15-20 minutes @ 75°
Grinding Time	2 hours @ 75°
Polishing Time, After Grouting	3-4 hours @ 75°
Full Cure & Maximum Resistance	5 days

## MAINTENANCE

**KEY EPOXY TERRAZZO #109** is easily cleaned with neutral soaps or detergents. **Key Resin Company** recommends the owner consult with the **National Terrazzo & Mosaic Association** ([www.ntma.com](http://www.ntma.com)) guidelines for maintaining terrazzo surfaces.

## 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 Resin Sales Representatives** and the **Key Resin Technical Services Department** are available to assist you. CALL (888) 943-4532 or visit [www.keyresin.com](http://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.**