



# KEY #730-FC

## FAST CURE EPOXY ADHESIVE/FILLER

### DESCRIPTION

**KEY RESIN #730-FC Epoxy Adhesive/Filler** is a 100% solids epoxy with <10 min. working time. **KEY RESIN #730-FC Epoxy Adhesive/Filler** is durable and impact resistant making it the ideal material for repair of cracks and joints. **KEY RESIN #730-FC Epoxy Adhesive/Filler** can also be used to bond most materials including flooring materials, precast base, divider strip, marble/granite, ceramics, glass, cement board and drywall.

### KEY ADVANTAGES

- Easy to Use Dual or Single Cartridges, No Separate Mixing Necessary.
- 1/8" Size Static Mixing Nozzles Provide Easy Application, Can be Cut to Larger Diameter.
- Individually Capped Resin and Hardener Allows for Saving of Partial Dual Cartridges.
- Low Odor During Application and Cure - Can be Used in Occupied Facilities.
- Can be Used in Both Interior and Exterior Applications.
- Fast Set Provides Rapid Turn Around.

### KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 50°F.
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials.
- Should not be installed on green concrete (30 day cure recommended unless otherwise approved).
- Should not be used where a semi-rigid or flexible joint filler material is required.

### COMPOSITION

100% Solids Epoxy Resin with Aliphatic Amines.

### APPLICATION

#### SURFACE PREPARATION & INSTRUCTIONS FOR USE

**Surface Preparation** is the most critical portion of any successful resinous flooring system application. All substrates must be properly cleaned and 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** technical service department is available to answer any questions. **Prior to Use:** Unscrew cap, attach static mix tip and dispense a small amount of material into a paper cup or onto paper until the two colors are completely blended, proceed with intended use.

#### CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner before **KEY RESIN #730-FC Epoxy Adhesive/Filler** gels.

## COVERAGE

Coverage of **KEY RESIN #730-FC Epoxy Adhesive/Filler** varies with application and size of mixing nozzle opening. A dual cartridge 600 ML equals 0.158 gallons or 36 in<sup>3</sup>. A single cartridge 300 ML equals 0.079 gallons or 18 in<sup>3</sup>. One gallon contains approximately 230 in<sup>3</sup>. For example, applying a 1/8" x 1/8" bead, 600 ML yields approximately 195 lineal feet, 300 ML yields approximately 97 lineal feet. Filling a contraction/sawcut joint 1/4" wide x 1" deep, 600 ML yields approximately 12 lineal feet, 300 ML yields approximately 6 lineal feet. **Important:** Contraction/sawcut joints should only be filled with **KEY RESIN #730-FC** when covering joint with flexible membrane treatment and flooring system. Expansion/isolation joints must always be filled with a flexible joint sealant, do not cover with flooring system. Consult with Key Resin Technical Services for recommendations.

## TECHNICAL DATA

Bond Strength to Concrete, 2 hrs.	300+ psi (100% Concrete Failure)
Mixing Ratio	1 Part A to 1 Part B by Volume
Solids Content	100%, by volume
Volatile Organic Content (VOC)	-0-
Color	Charcoal Gray (when mixed)
Weight per Gallon	9.0-10.0 pounds per gallon mixed

## CURE/DRY TIME

Pot Life	5-10 minutes @ 75°
Dry to Touch	0.5-1.0 hours @ 75°
Recoat	2.0-4.0 hours

## AVAILABILITY

**Key Resin** materials are available throughout the United States, Canada, Mexico and a number of other countries. Contact the **Key Representative** in your area. Telephone (888)943-4532 or visit [www.keyresin.com](http://www.keyresin.com).

## MAINTENANCE

**KEY RESIN #730 FC Epoxy Adhesive** is typically installed as a base material beneath other flooring systems and wear surfaces. However, if needed, **Key Resin #730 FC Epoxy Adhesive** is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture.

## 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/Technical Representatives** are available to assist you. Telephone (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.**