

KEY #730-FC EPOXY ADHESIVE/FILLER

Product Data Sheet



DESCRIPTION

KEY #730-FC is a 100% solids fast cure epoxy adhesive/filler with <10 min. working time. **KEY #730-FC** is used to bond most materials including flooring materials, precast base, divider strip, marble/granite, ceramics, glass, cement board and drywall. **KEY #730-FC** is durable and impact resistant making it the ideal material for repair of concrete cracks, etc.

KEY ADVANTAGES

- Easy to use single cartridge
- Gel consistency provides easy application
- Low odor for use in occupied areas
- Meets USGBC LEED criteria for low VOC
- Fast cure

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 (at least 30 days cure)

COLOR

Available in Charcoal Gray.

COMPOSITION

100% solids epoxy resin with aliphatic amines.

COVERAGE

KEY #730-FC will vary with application. One 300 ml cartridge contains approximately 0.079 gallons or 18 in³. This yields 1/8" x 1/8" bead x 97 lineal feet.

CURE/DRY TIME

Working Life	5-10 mins @ 75°F
Dry to Touch	30-60 mins @ 75°F
Recoat	2-4 hours @ 75°F
Full Cure & Maximum Resistance	5 days @ 75°F

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 and INSTALLATION

KEY #730-FC is mixed as the resin and hardener dispense through the static mixing tip. Prior to use: Unscrew cap, attach static mixing 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. For complete installation instructions, contact **Key Resin Technical Service**.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner before **KEY #730-FC** gels. Consult Safety Data Sheet (SDS) for safety and health precautions.

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TECHNICAL DATA

Mixing Ratio	1 Part A to 1 Part B by Volume
Volatile Organic Content (VOC) (EPA Method 24)	0 g/L, compliant to low VOC Rule 1113 in all 50 states
Solids Content	100% Solids by Volume
Bond Strength to Concrete	300+ psi Concrete failure, varies by concrete strength
Mixed Consistency	Gel

AVAILABILITY

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

MAINTENANCE

KEY #730-FC is typically installed as an adhesive or crack filler material under **Key Resin Floor and Wall Systems**. However, if needed, **KEY #730-FC** can be cleaned with neutral soaps and detergents.

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.

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