

KEY #554 EPOXY BLOCK FILLER

Product Data Sheet



DESCRIPTION

KEY #554 EPOXY BLOCK FILLER is a two component, high-build, solvent based polyamide epoxy block filler specially formulated to fill and level porous masonry block surfaces. Two coats of **KEY #554** will fill most small voids and crevices to provide a smooth, even surface for painting. Ideal for interior and exterior use, **KEY #554**, with the appropriate seal coats, provides a system with excellent chemical and abrasion resistance while maintaining a cleanable wall surface.

KEY ADVANTAGES

- More durable than latex or acrylic block fillers
- Easy to apply
- Meets USDA requirements
- Excellent adhesion to block and masonry surfaces

KEY CONSIDERATIONS

- Substrate must be above 50°F and relative humidity below 85% for proper curing
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials
- Solvent based material, may not be suitable where odor is a concern

COMPOSITION

Modified polyamide cured epoxy resin.

COVERAGE

KEY #554 is typically spread at 75-150 ft² per gallon.

CURE/DRY TIME

Working Life	6-8 hours @ 75°F
Dry to Touch	2-3 hours @ 75°F
Recoat / Topcoat	24-72 hours @ 75°F
Full Cure & Max. Resistance	5-10 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. Do not leave water standing in joints. The **Key Resin Technical Service Department** is available to answer any questions.

MIXING INSTRUCTIONS

Mix **KEY #554** for 3-4 minutes in the proper mixing ratio, (1 part Part A-Resin to 1 part Part B-Hardener, by volume). Only mix what can be used in four to six hours. Allow to stand 30 minutes for induction and mix again prior to use.

INSTALLATION

Apply **KEY #554** with a medium nap roller (3/8 - 1/2 inch nap) or spray and back-roll at a coverage of 75-150 ft² per gallon. Two coats may be necessary to insure a uniform surface.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner. Consult Safety Data Sheet (SDS) for safety and health precautions.

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TECHNICAL DATA

Mixing Ratio	1 Part A:1 Part B by Volume
Solids Content	54% Solids by Volume
Volatile Organic Content (VOC) (EPA Method 24)	406 g/L

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

After completing the application of **KEY #520**, the installer should provide the owner with maintenance instructions. **KEY #520** 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.

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