



KEY RESIN #553

100% SOLIDS EPOXY BLOCK FILLER

DESCRIPTION

KEY RESIN #553 is a two component, 100% solids high build epoxy block filler specially formulated to fill and level porous masonry block (CMU) surfaces and imperfections in poured concrete substrates. **KEY RESIN #553** will fill most small voids and crevices to provide a smooth, even surface for coating. Ideal for interior and exterior use, **KEY RESIN #553**, 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
- Can be Used in Food Processing Areas
- Excellent Adhesion to Masonry Block and Concrete 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.

COMPOSITION

Modified polyamide epoxy resin and fillers.

CLEAN-UP

Clean tools with xylene, lacquer thinner, or hot soapy water.

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. **KEY RESIN COMPANY Technical Service** is pleased to answer any questions.

INSTALLATION

Mix **KEY #553** for 3-4 minutes in the proper mixing ratio, (2 parts Part A-Resin to 1 part Part B-Hardener, by volume). Proper mixing is confirmed when resin is a consistent color with no streaks. Only mix what can be used in 20-25 minutes at 75°F. **KEY RESIN #553** will have a paste consistency.

Apply **KEY RESIN #553** with a trowel or putty knife at a coverage rate of 75-160 ft² per gallon or as needed to fill voids. Two coats will be necessary to fill/level CMU grout joints. CMU joints should first be filled and striked off flush (allow to cure hard) before skim coating entire block wall surface. Trowel marks should be sanded smooth before topcoating.

RECOAT

At 75°F, **KEY RESIN #553** is tack free in 6-8 hours and can be re-coated or topcoated in 10-12 hours.

TECHNICAL DATA

Mixing Ratio, by volume	2 parts A to 1 part B
Solids Content, by volume	100%
VOC	0 gm/L

CURE/DRY TIME AT 75°F

Pot Life	20-25 minutes
Dry to touch	6-8 hours
Recoat/Topcoat	10-12 hours

AVAILABILITY

KEY RESINS are available throughout the United States, Canada, and a number of other countries. Contact the **KEY REPRESENTATIVE** in your area for details.

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 REPRESENTATIVES** and **KEY RESIN TECHNICAL SERVICE** are available to assist you. CALL (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.