



General Overview

TOP SHELF® EPOXY EZ PATCH

ON-SITE APPLICATION TESTING

To ensure desired results are achieved, test the system in a small area on site before beginning any project.

SURFACE PREPARATION

Test and look for any unknown site conditions and/or defects. For testing requirements, review KRETUS® Pre- and Post-Job Checklists available at kretus.com/project-planning.

Before installing any KRETUS® product, substrate must be

- **Clean:** Remove any and all contaminants.
- **Profiled:** Mechanically prepare surface to CSP 3-5 (adhere to International Concrete Repair Institute's current guide for Concrete Surface Profiles). Each project may require a different CSP.
- **Sound:** Treat all joints (terminations and transitions) and random cracks.

NOTE: Coatings tend to pull away from free edges—termination points (anywhere concrete ends), joints, cracks, gutters, drains. Anchor joints may need to be added 6" from termination points. Joints and cracks may need to be expanded to 2x the width and 1x the depth. Edges around drains and gutters may need a deeper slope.

MIXING GUIDE

Review mix ratios and application methods on KRETUS® System Action Guideline.

Review KRETUS® Mixing Station Guide available at kretus.com/project-planning for general handling, storage, and preparation procedures. Careful measurements and thorough mixing are essential for a proper cure. Observe all mixing procedures and guidelines to assure a controlled and thorough chemical transition to a high-strength solid.

- **Mixing tools:** Use trowel and mixing board to combine small batches—1 qt A:1 qt B. Top Shelf® Epoxy EZ Patch should be mixed at a 1:1 mix ratio.

Mixing Instructions

- Use trowel to scoop part A onto mixing board. Use trowel to fold part B into part A until color is consistent throughout mixture. DO NOT mix for more than 3 minutes.
- **If adding Top Shelf® Epoxy Accelerant:** Use trowel to scoop part A onto mixing board. Use trowel to fold part B into part A until color is consistent throughout mixture. Add 2 oz additive into mixture. Use trowel to fold until mixture is consistent. DO NOT mix for more than 3 minutes.

SAFETY & CLEANUP

Review current Safety Data Sheet(s) and all relevant documentation before installing. Safety conditions and personal protective equipment must be considered before using any KRETUS® product.

For technical and safety data on TSE (Top Shelf® Epoxy), go to kretus.com/ez-patch.

TOP SHELF® EPOXY EZ PATCH APPLICATIONS (IN ALPHABETICAL ORDER)

| APPLICATION | PRODUCTS REQUIRED | MIX RATIO | METHOD/TOOLS | COVERAGE RATE* |
|---|--|--|--|--|
| Adhesive for Prefabricated Cove, 4-6" high | Part A: EZ Patch A Part B: EZ Patch B | Small batch (recommended) A:B = 1 qt:1 qt Kit A:B = 1 gal:1 gal | <ul style="list-style-type: none"> Following cove manufacturer's instructions, apply thin application of EZ Patch with V-notch trowel or grout bag onto prefabricated cove strip and area where cove will be installed. Keep application thin, smooth, and even. Pay special attention to any uneven areas in existing surface, including grout lines, pits, and spalls. Place prefabricated cove strip onto EZ Patch. Remove any visible adhesive and allow material to dry. | 600-800 LF/KIT |
| Crack & Joint Repair | Part A: EZ Patch A Part B: EZ Patch B | Small batch (recommended) A:B = 1 qt:1 qt Kit A:B = 1 gal:1 gal | <ul style="list-style-type: none"> Apply with flat trowel. Keep application smooth and even. Pay special attention to uneven areas in existing surface, including grout lines, pits, and spalls. | See Joint Filler Rates at kretus.com/project-planning . |
| Grout Coat or Patching for Concrete or Ceramic Tile | Part A: EZ Patch A Part B: EZ Patch B | Small batch (recommended) A:B = 1 qt:1 qt Kit A:B = 1 gal:1 gal | <ul style="list-style-type: none"> Apply with flat trowel. Keep application smooth and even. Pay special attention to uneven areas in existing surface, including grout lines, pits, and spalls. | 200-400 SF/KIT |
| Wall Cove, 1"x 1" | Part A: EZ Patch A Part B: EZ Patch B | Small batch (recommended) A:B = 1 qt:1 qt Kit A:B = 1 gal:1 gal | <ul style="list-style-type: none"> Apply material with grout bag. Use cove trowel and brush to smooth uneven areas. | 2,000 LF/KIT |

AGGREGATES & ADDITIVES

| PRODUCT | USE | COVERAGE RATE* | MIX RATIO |
|-----------------------------|---|------------------------|--------------------|
| Top Shelf® Epoxy Accelerant | Speed working, recoat, and return-to-service times. | Depends on application | 8 oz per 2-gal kit |

*Coverage rates are for estimating purposes only. Factors such as waste, unusual/abnormal substrate conditions, and other unforeseen jobsite conditions may affect actual product yields and are the responsibility of the installer.

DISCLAIMER: The information contained in this document is intended for use by KRETUS® qualified and trained professionals. This is not a legally binding document and does not release the specifier from their responsibility to apply materials correctly under the specific conditions of the construction site and the intended results of the construction process. The most current valid standards for testing and installation, acknowledged rules of technology, and KRETUS® technical guidelines must be adhered to at all times. The steps given in this document and other mentioned documents are critical to the success of your project.