



# Kretus 1000 Easy Patch

Technical Data Sheet

## Product Description

Kretus Easy Patch is a two-component, urethane-modified epoxy. It is the ideal product for patching concrete cracks and small holes (<1") after surface preparation has been completed. Easy Patch is formulated for smaller imperfections and surface cracks. For larger repairs and holes, use Top Shelf. Its extreme physical properties and high load-bearing strength makes Easy Patch the ideal product for filling and patching prior to the application of all Kretus systems. Kretus Easy Patch is specially formulated to dry in 30 minutes. Advantages:

- Essentially odorless
- VOC Free
- Chemically Resistant
- Non-slumping
- Mild flexibility
- Fast curing
- Made for easy application

## Applications

Easy Patch is ideal for repairs on small holes, imperfections, and cracks in concrete. The repair of active structural cracks cannot be guaranteed.

## Colors

Easy Patch is available in medium gray.

## Packaging

Kretus Easy Patch is available in 2 different kit sizes:

|              | <u>Part A</u> | <u>Part B</u> |
|--------------|---------------|---------------|
| 1 Gallon Kit | ½ gal.        | ½ gal.        |
| 2 Gallon Kit | 1 gal.        | 1 gal.        |

## Product Data

|                          |                 |
|--------------------------|-----------------|
| Volumetric Ratio:        | 1 to 1          |
| Solids:                  | 95% (+ or - 1%) |
| Application temperature: | 55-95°F         |
| Thinning:                | Not required    |
| Pot life:                | 5 minutes       |
| Working time on floor:   | 10 minutes      |
| Cure time:               | 30 minutes      |
| Critical recoat time:    | 45 mins – 2 Hrs |
| *sand prior to recoat    |                 |
| Shelf life:              | 12 months       |

## Concrete Preparation

Prepare the surface by sanding, grinding, sand blasting or shot blasting. Remove dust and residue by vacuum or broom. Wipe surface with slightly dampened terry cloth towel to remove dust and residue.

Before coating is applied concrete must be:

- Dry – No wet areas
- Clean – All contaminants removed
- Profiled – surface etched mechanically
- Sound – All cracks and spalled areas patched

If there are existing coatings contact Quest Building Products for preparation instructions. Quest's representative may be required to inspect the area prior to application.

## Testing

All surfaces are not the same. It is recommended that a sample area be installed before the start of the project. The test should be performed on site, using the proposed method by the assigned applicator to insure proper color and adhesion. A sample area should also be performed if any existing coatings are present to determine if there are any contaminants or if delaminating will occur.

## Mixing

The ratio of Kretus Easy Patch is 1 to 1. Using separate devices, measure equal amounts from container A and container B. Place material on a 2' X 2' mixing board. Once measured, mix both components with a 6" or 9" wall knife until a uniform color has been reached. (1 min.) Do not mix more material than can be applied in 10 minutes.

## Application Instructions

Hairline cracks must be routed with a minimum 1/8" straight diamond blade and cut ½" deep. . Make sure to remove any loose concrete and/or foreign material. Dust and debris should be brushed and vacuumed out of crack and off surrounding areas. For larger size cracks, consult with a Quest representative for more detailed instructions.

Apply Easy Patch into the crack with a 6" putty knife, making sure to completely fill. Push material as far into the crack as possible. Feather the Easy Patch at each side of the crack to reduce telegraphing through the finish product. Easy Patch may require a second coat or diamond grinding at the edges after it has cured. If grinding is required, it is necessary to grind the feathered edge of the Easy Patch down to bare concrete. If the grinding and feathering process is not done properly, highlights may telegraph through the new coating system.



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### Clean-up

Kretus Easy Patch, while in an un-reacted state, may be cleaned up with water and degreaser. Isopropyl alcohol or acetone may be needed once the resin begins hardening. A strong solvent like methylene chloride may be required if Easy Patch is nearly set up.

### Product Limitations

Ground level concrete slabs emit invisible moisture vapor. The allowable moisture emissions for concrete are 3 lbs / 1,000 SF over a 24 hour period. If moisture is above this level, then blistering and delamination of coating may occur. A calcium chloride test should be performed to determine concrete moisture level. If moisture levels exceed the 3 lb. limit, a concrete moisture vapor control system should be applied first before applying coating system. Please contact the Kretus technical department for approved systems.

### Warranty

All materials shall be guaranteed against failure due to normal wear and use for a period of (1) one-year from the date the product was applied. It is agreed and expressly understood that the buyer's sole and exclusive remedy shall be the replacement of the defective product. Warranty is not valid until all outstanding invoices are paid. Quest Building Products warrants only that its products will meet its specifications. There is no warranty or merchantability or fitness for use, nor any other expressed or implied warranty. The users exclusive remedy and Quest Building Products sole liability is limited to the replacement of any product shown to be otherwise than as warranted. Quest Building Products will not be liable for incidental or consequential damages of any kind. Quest Building Products is not liable for any improper workmanship performed by any homeowner, unlicensed contractors, and/or non-certified applicators. Improper workmanship includes the failure of not conforming to product applications instructions as provided by Quest Building Products, Inc. such as, but not limited to, inadequate surface preparations. Quest Building Products cannot warranty failure of a coating caused by moisture vapor transmission, hydrostatic pressure, out-gassing, extreme abuse, fire, explosion, improper mixing, use of out of date materials, and adding other chemicals. Use of other chemicals in mixture or systems, strictly voids this warranty. Warranties are null and void if materials or systems are installed over a substandard substrate, not allowed by local building codes, substructure failure, building settling/movement, acts of God, and other elements of nature. The following are exceptions and exclusions. Damage resulting from: ground movement or settling including cracks; hydrostatic or ground water; surface damage by others, such as scratching or gouging; chemical damage; discoloration; staining; act of God; building alterations; improper design. Any warranty claim must be presented first to the licensed contractor who performed the work. After the inspection, the contractor will contact their vendor or Quest Building Products,

directly with all details regarding to the claim. All claims must be in writing and received within the warranty period.

### Safety

Consult material safety data sheet. Avoid contact with skin. Some individuals may be allergic to epoxy resin. Protective gloves and clothing are recommended.