

TECHNICAL DATA
CRACK-N-PATCH

TECH DATA SHEET CRACK N PATCH

AGGREGATE REINFORCED EPOXY PATCH KITS FOR CONCRETE

DESCRIPTION:

CRACK-N-PATCH is a concrete repair product designed to make fast and permanent repairs to cracks, spalls and damaged concrete surfaces. Each **CRACK-N-PATCH** kit contains Bag-Pak units of 100% solids epoxy and pre-weighed, trowel grade aggregates. Three versions and three colors of **CRACK-N-PATCH** are available to meet your project requirements:

FORMULAS:

- **CRACK-N-PATCH STANDARD** – standard cure formula for “normal” installation temperatures from 55⁰ F to 90⁰ F.
- **CRACK-N-PATCH COOLER** - can cure with substrates temperatures down to 40⁰ F.
- **CRACK-N-PATCH FREEZER** – can cure with substrate temperatures down to 0⁰ F.

USES:

CRACK ‘N-PATCH is an excellent repair product for any non-moving interior or exterior concrete substrate such as loading docks, sidewalks, drive ways, etc.

ADVANTAGES:

- Easy application
- Available in 3 Colors in all formulations
- High compression strength
- Self-contained kits
- Non-shrink
- Pre-measured /self-contained kits inside pail to be used as the mixing vessel
- VOC compliant
- Easy mix ratio

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	Pre-Measured Kit (A+B+C)
Shelf Life	1 year [w/o freezing]
Working time	
STANDARD	20 minutes @ 75 ⁰ F
COOLER	20 minutes @ 50 ⁰ F
FREEZER	20 minutes @ 20 ⁰ F
Cure time [approximate]	
STANDARD	4-6 hours @ 75 ⁰ F
COOLER	8-10 hours @ 40 ⁰ F
FREEZER	12-18 hours @ 20 ⁰ F

PACKAGING:

Self-contained kits in 5 Gallon Pails – each kit contains BAG-PAK™ liquids and separate aggregate to yield approximately 0.33 cubic foot of mixed patching material.

COLORS:

Each formulation is available in Tile Red, Gray or Natural.

CRACK-N-PATCH

LIMITATIONS & FOR BEST RESULTS:

- Do not thin this product.
- Do not apply when Humidity exceeds 70% indoors.
- Allow each coat to dry to 'tack-free' or clear prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- When applying Cooler or Freezer formula it is best to "condition" the unopened buckets of material for several hours at the installation temperature prior to applying.

PRODUCT APPLICATION:

Apply with trowel or patching blade. ROCK-TRED product test data is based on environmental temperatures of 75^o F (24^o C). Viscosity and working time are always affected by temperatures above or below that mark. When applying product always consider the ambient, surface, and product temperature at the time and place of installation.

COLORS:

CRACK-N-PATCH is available in Gray, Tile Red and Natural.

CHEMICAL RESISTANCE:

Always refer to ROCK-TRED's chemical resistant chart for specific information on each product and/or system; or contact ROCK-TRED directly.

PRODUCT STORAGE:

DO NOT allow ROCK-TRED products to freeze. All ROCK-TRED products should be properly stored above the floor on pallets or shelves, and in an area that has a constant minimum temperature of 50^o F (10^o C).

SURFACE PREPARATION: Always apply ROCK-TRED products to a clean / sound substrate that is free of laitance, grease, oils, debris, and curing compounds. Concrete substrates should be cured for a minimum of 28 days prior to application of product [except as otherwise noted on the individual Product Data Sheet]. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible always perform tests to determine adhesion and compatibility to the existing flooring. Mechanical surface preparation to a CSP-2 minimum profile by means of a shot-blasting or rotary diamond grinding machine is the best and recommended preparation method for CRACK N PATCH. If the substrate is not properly prepared and the appropriate profile is not achieved, failure of the product to adhere to the substrate may occur.

CLEAN UP:

Application tools and equipment can be cleaned with soap and water immediately after use or with solvent once the product has begun to cure.

DISPOSAL:

Product containers will contain product residue and must be disposed of properly. Label warnings must be observed at all times. All containers must be disposed in accordance with federal, state, and local regulations.

IMPORTANT NOTICE:

Always read and acquaint yourself with ROCK-TRED'S Product Data Sheet, MSDS [material safety data sheet], and product labels for each individual product prior to mixing and prior to use. For further assistance, product questions, additional information and/or unexpected or unusual installation conditions – contact your local representative or ROCK-TRED directly for recommendations. Kit components are pre-measured for optimal performance and are not to be field split. Catalyzation errors due to incorrect mixing in the field voids product warranty.

WARRANTY:

Information about ROCK-TRED products is given, to the best of our knowledge, based on tests and experience. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you make your own tests to determine suitability of the product for the particular purpose. As products are often applied or used under conditions beyond our control, ROCK-TRED cannot guarantee anything except the quality of its products. ROCK-TRED warrants that the products meet the specifications set forth by ROCK-TRED, but we reserve the right to change any given specification prior to notice. ROCK-TRED DISCLAIMS ALL WARRANTIES RELATING TO THE PRODUCTS AND THEIR APPLICATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Receipt of a ROCK-TRED product constitutes acceptance of the terms of this limited warranty and the terms and conditions set out in our invoice, contrary provisions of buyer's purchase documents notwithstanding. Upon receipt of the merchandise, purchaser has 30 days to notify ROCK-TRED, in writing, that materials are defective. In the event ROCK-TRED finds that the product delivered is off specification, ROCK-TRED will, at its sole discretion, either replace the product(s) or refund the purchase price thereof, and ROCK-TRED's choice of one of these remedies is the buyer's sole remedy. In no event shall the liability of ROCK-TRED exceed the purchase price of shipped merchandise. Claims must be in writing. Claims after 30 days are void. ROCK-TRED will, under no circumstances, be liable for special, incidental, or consequential damages. This warranty supersedes all other guaranties, whether oral or written, and whether expressed, implied, or statutory. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Certain products may contain chemicals that may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.