

Technical Data Sheet

CR PATCH AND COAT

CR Patch and Coat is a plural component high viscosity concrete repair putty designed to fill cracks and small pits. This unique chemistry allows you to patch cracked concrete and coat over the top with no cure time. Self-cure technology reduces down time and allows repairs to be made on the fly. This material has an extended potlife so batches can be mixed up and be ready during the applications process.

BENEFITS AND FEATURES

- Zero waiting for cure times
- Apply coating directly over wet material
- Easy to mix one A to one B ratio
- High viscosity fills in cracks and pits easily
- Extended potlife
- Extreme adhesion to substrate
- Low temperature cure
- Easy application to a wide variety of substrates
- Perfect for minor repairs and quick fixes

USES AND APPLICATIONS

- Cracks
- Pitting
- Spalling
- Vertical repairs
- Front edge repairs
- Residential, Industrial and Commercial use
- Repairing control joints
- Leveling uneven concrete

PRODUCT PHYSICAL PROPERTIES

Tensile Strength	ASTM D412	7,000
Compressive Strength	ASTM D695	10,500 psi
Impact Resistance	ASTM D2794	300 lbs.
Elongation %	ASTM D412	6%
Flexural Strength	ASTM D-790	9,500

PACKAGING

Available in 2 quart and 2 gallon kit.

PRODUCT CURE TIMES

Product is designed to applied and coated over within 1-3 hours of application. Do not let product reach full cure (8 hours) before applying coating. If material sits for longer than 8 hours, scuff CR Patch and Coat with 60-80 sandpaper before applying coatings.

ADHESION

ASTMD 4541 Elcometer	
Concrete Substrate Failure	500 PSI
Steel Delamination	500 PSI
Wood Substrate Failure	500 PSI

SURFACE PREPERATION

New concrete must have a 28 day and clean of and debris before filling. In the case of older concrete flooring, remove all surface oils, paint, dust and debris. Use a crack chasing V blade to prepare cracks and deep pits to assure sidewalls are clear of any dirt and debris. Vacuum out cracks and remove any loose pieces of concrete before replacing.

RECOMMENDED COVERAGE RATES

Coverage rate will vary greatly on every job depending on size and porosity of substrate.

MIXING RATIO OF 1 PART A : 1 PART B

Always pre mix each side before use. Depending on the size and amount of repairs, the mixing size with vary. Use a putty knife to mix equal parts together to a smooth and consistent viscosity. Apply to clean areas using a flat blade putty knife assuring cracks and pits are filled in and flush with the top of the floor. Remove any excess material with putty knife and smooth out edges of material.

REDUCERS

CR Patch and Coat cannot be reduced.

STORAGE

All containers should be stored at 40° F to 95° F and be kept tightly sealed and out of direct sunlight. Shelf life of unopened containers is 12 months.

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CR MENDER

CLEAN UP

All tools should be cleaned with MEK or Acetone as soon as possible after application.

WARRENTY

Penntek Industrial Coatings warrants to the purchaser of its products that such products are free from manufacturing defect. Penntek Industrial Coatings does not warrant or guarantee the workmanship performed by any person or firm installing its products. Penntek Industrial Coatings obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Penntek Industrial Coatings sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Penntek Industrial Coatings examination shall disclose to Penntek Industrial Coatings satisfaction to be thus defective.

Please read material safety data before using product.

Disclaimer:

All statements and recommendations are based on Contractor experience and is believe to be reliable. Penntek Industrial Coatings make no warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability whatsoever of a product for it's intended use shall be solely up to the User. Penntek Industrial Coatings reserves the right to investigate any misuse of products and information.