

TECH DATA - DOC 302 CRACK FILLER PASTE



PRODUCT DESCRIPTION:

DOC 302 is a two component 100% solids epoxy crack filler designed for shallow repair on either vertical or horizontal surfaces. This product is easy to mix and use. It is mixed as a paste and has no sag when cured. DOC 302 can be applied thicker on horizontal surfaces when required. It is especially important to fill small cracks before applying epoxy to prevent self leveling and run down through the opening.

RECOMMENDED FOR:

Repairing cracks and defects in concrete or masonry.

SOLIDS BY WEIGHT:

100%

SOLIDS BY VOLUME:

100%

VOLATILE ORGANIC CONTENT:

Less than 11 g/l

COLORS AVAILABLE:

Gray (when mixed)

RECOMMENDED FILM THICKNESS:

1/8" cracks or thin build repairs.

COVERAGE PER GALLON:

0.13 cubic feet or 1,228 lineal feet @ 1/8" x 1/8"

PACKAGING INFORMATION

2 quart kit - 1 quart part A, 1 quart part B

2 gallon kit - 1 gallon part A, 1 gallon part B

MIX RATIO:

1 part A to 1 part B by volume 1:1

SHELF LIFE:

6 months in unopened containers

ABRASION RESISTANCE:

Taber abraser CS-17

FLEXURAL STRENGTH:

7,500 psi @ ASTM D790

COMPRESSIVE STRENGTH:

8,710 psi @ ASTM D695

ADHESION:

350 psi

TENSILE STRENGTH:

6,256 psi @ ASTM D638

ULTIMATE ELONGATION:

2.4%

GARDNER VARIABLE IMPACTOR:

50 inch pounds direct – passed

CURE SCHEDULE: (70°)

pot life – 2 gallon volume1-3 hours

tack free (dry to touch).....5-10 hours

recoat or topcoat.....immediately after application

light foot traffic.....10-24 hours

full cure (heavy traffic)...2-7 days

APPLICATION TEMPERATURE:

60-90 degrees F.

PRIMER:

None necessary

TOPCOAT:

Optional: This product can be overcoated with many suitable epoxy and urethane products.

LIMITATIONS:

- 1) Color stability may be affected by environmental conditions such as high humidity, chemical exposure, or exposure to certain types of lighting.
- 2) Colors may vary from batch to batch.
- 3) This product is not UV color stable and may discolor when exposed to UV light sources.
- 4) Substrate temperature must be 5°F above dew point.
- 5) All new concrete must be cured for at least 30 days prior to application.
- 6) Many epoxy products can be placed directly over the uncured epoxy crack filler immediately after the material is used provided that the cracks are small. If coating over repairs that are larger, it may be advisable to allow the material to become tack free prior to application of other coatings.
- 7) See page 2 for application instructions.
- 8) Physical properties are typical values and not specifications.
- 9) See page 3 for limitations of our liability and warranty.

MIXING AND APPLICATION INSTRUCTIONS

- 1) **PRODUCT STORAGE:** Store product at normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Low temperatures or temperature fluctuations may cause product crystallization.
- 2) **SURFACE PREPARATION:** All dirt, foreign contaminants, oil and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete is dry; this can be done by placing a 4'X4' plastic sheet and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet then the substrate is dry enough to start repair work. This product is intended for hairline cracks and other fractures up to an 1/8 inch in width. Remove all unsound concrete from within the crack to be repaired and thoroughly vacuum all debris and dust from within the crack opening.
- 3) **PRODUCT MIXING:** This product has a mix ratio of 1 part A to 1 part B by volume. To mix, simply measure out equal volumes of the material and mix them together with a putty knife or spatula until the material is thoroughly mixed and uniform in color. Mix only an amount of material that can be used in the pot life period. Improper or insufficient mixing may result in product failure.
- 4) **PRIMING:** No priming is necessary.
- 5) **PRODUCT APPLICATION:** The mixed material can be applied by marginal trowel, putty knife or any other suitable equipment.
- 6) **RECOAT OR TOPCOATING:** When repairing cracks that are less than 1/8" thickness, many epoxies can be placed directly over the applied crack filler before it is cured. Alternatively, it is also acceptable to allow the material to cure before installing the coating. Many epoxy coatings and urethanes are compatible for use over this product as well as multiple coats of this product.
- 7) **CLEANUP:** Use xylene.

**NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND
LIMITATIONS ON OUR LIABILITY**

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. **NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.** We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may **CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM. (EPOXYDOC LLC)**

**SLIP AND FALL INFORMATION
IMPORTANT PLEASE READ**

OSHA and the ADA (American Disabilities Act) have set standards for pedestrian surfaces concerning slip resistance. These standards are enforceable and should be taken seriously by professional installers and end users. Most floor coatings are not slip resistant. **EpoxyDoc recommends the use of a slip resistant additive in all flooring systems.** Any floor coatings exposed to water, oil, dirt, grease, and or any other potential slip hazard material should contain a slip resistant additive. EpoxyDoc or its sales agents shall have no liability and will not be responsible for incidents or injuries incurred in a slip and fall accident. It is the end user's and professional installer's responsibility to provide a flooring system that meets current safety standards for slip resistant floors when using EpoxyDoc flooring systems.

RESPIRATORY AND SKIN PROTECTION

- 1) Use adequate ventilation when installing coatings.
- 2) Use protective clothing and gloves.
- 3) Use appropriate respirator during application in confined areas.
- 4) Avoid contact with skin
- 5) Some people may be allergic to floor coating resins and vapors