

PE-CF - EPOXY CRACK FILLER

PE-CFFAST - FAST CURE EPOXY CRACK FILLER

DESCRIPTION

PE-CF/PE-CFFAST is a two component, sag resistant structural epoxy crack filler system designed to repair vertical or horizontal cracks in concrete and masonry. PE-CF is available in a standard and fast cure.

ADVANTAGES

- Easy to apply and clean
- Suitable for interior application
- Low VOC
- Low odor
- Strong adhesion to concrete

RECOMMENDED USES

- Static crack where flexibility isn't required
- Cracks that have stopped moving or expanding
- Horizontal or vertical applications

PROPERTIES

@ 73°F (23°C) AND 50% RH.

PACKAGING	1 US gal kit (3.78 L)
COLOR	PART A: WHITE PART B: AMBER
SHELF LIFE	12 months in original unopened factory sealed containers. Keep away from extreme cold, heat, or moisture. Keep out of direct sunlight and away from fire hazards.
MIX RATIO, BY VOLUME	A:B = 2:1
POT LIFE 16 OZ (454 G)	PE CF: 15-25 minutes @ 77°F (25°C) PE CFFAST: 10-15 minutes @ 77°F (25°C)
VOC	67.8 g/L
SOLIDS CONTENT, BY WEIGHT	100%
DENSITY (KG/L)	PART A: 1.12 kg/L PART B: 0.93 kg/L
COATING WINDOW	PE CF: 8-10 hours PE CFFAST: 2-3 hours

*Times are approximate and will be affected by changing ambient conditions, especially changes in temperature and relative humidity.

SURFACE PREPARATION

- Concrete substrates should be cured for a minimum of 30 days and have a min. compressive strength of 3,000 psi.
- Achieving optimal adhesion requires a clean, mechanically prepared substrate. Surfaces must be clean, sound and properly prepared.
- Substrate must have minimum Concrete Surface Profile (CSP) of 3-4.
- Do not apply to wet or damp substrates.
- Test for concrete moisture before application (see Concrete Moisture.)
- Remove all surface dust just prior to application. Protect prepared surface against contamination.

APPLICATION

Apply mixed product on the prepared surface using a trowel or a putty knife.

MIXING

- Precondition all components for 24 hours to ambient temperatures.
- In clean mixing pail, mix entire units, (2)A & (1)B.
- Units are premeasured for correct ratio, do not break down units, product performance will be effected.
- Mechanically mix only, do not mix by hand.
- Do not mix more material than can be distributed and applied in the working time window.
- Using a Jiffy/Jiffler, or similar type mixing attachment, slowly mix the components being careful not to introduce excessive air.
- Mix for 3 minutes. Ensure all material is scraped by side wall and bottom of mixing container.
- Apply material to floor immediately after mixing. Delay in distributing product will result in exothermic heat buildup in container.

CLEANING

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

LIMITATIONS

Prior to application, measure, and confirm the ambient temperature and humidity conditions of air and substrate.

- Measure and confirm temperature of material. Precondition material for 24 hours prior to mixing.
- Do not allow material to freeze. Frozen material cannot be recovered and must be disposed of.
- Minimum/Maximum substrate temperature at application: 45°F (7.2°C) / 85°F (30°C).
- Maximum relative humidity during application and curing: 80%.
- Substrate must be 5°F (3°C) above dew point. Ensure conditions will not change during application and curing.
- Observe concrete moisture limitations stated in Concrete Moisture section.
- On porous, non-concrete substrates, ensure that there will be no moisture penetration on positive side.
- Protect from moisture and condensation for 24 hours after application.
- Do not apply to substrates exhibiting or tested positive for alkali silica reaction (ASR).
- Do not use propane or kerosene fueled heaters. Permanent discoloration of coating may occur.
- For professional use only by experienced personnel.
- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**

Prior to use of any product manufactured by APN Specialty Coatings, its subsidiaries or affiliates, the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at <https://purepoxy.com/> or by calling 920-231-0850.

HEATH & SAFETY

Obtain and wear all required personal protection equipment (PPE.) In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse.

WARRANTY STATEMENT

APN Specialty Coatings Inc. warrants that products delivered to purchasers are manufactured free from material defects and workmanship flaws in accordance with APN Specialty Coatings Inc. published specifications, provided installation follows APN Specialty Coatings Inc. recommended procedures. APN Specialty Coatings Inc. disclaims liability for any damages arising from improper product usage that deviates from its intended purpose or fails to comply with APN Specialty Coatings Inc. installation standards. APN Specialty Coatings Inc. assumes no liability regarding product installation and processing methods. This technical data information serves as general reference material only. Prior to any installation work, please reach out to your regional PurEpoxy Representative or contact our Technical Service team for professional guidance.