

1. PRODUCT NAME

PCF-415FS

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

PCF-415FS is a fast-setting resin designed to permanently restore structure and strength to cracked concrete structures. Specially formulated to set up quickly in the crack to help prevent bleed out and loss of resin due to porous concrete or voids.

Can be used with small angular stone to repair a deteriorated concrete area that must re-open to vehicular traffic in 15 minutes.

Advantages

- Low odor formula
- Fast Setting
- Excellent Chemical Resistance
- No expensive dispensing equipment needed
- Restores structural strength
- Low temperature capabilities

Uses

- Bridge Decks / Ramps
- Parking Garages
- Commercial Freezers
- Random crack filling
- Retail and warehouse concrete floors

4. APPLICATION INSTRUCTIONS

1. Clean surface by sweeping clean or with dry oil free air blast. Sandblasting or grinding can be used to provide rough white-metal profile.
2. Use a 1:1 manual or pneumatic dispenser when applying the material
3. Apply PCF-415FS into crack until completely filled by using a dual cartridge or bulk loaded dispensing pump (must be dispensed continuously or material could set up in the mixing nozzle)
4. Material can be topped off as needed within 12 hours.

Packaging

Dual 22-ounce cartridges or bulk kits upon request

Shelf Life

Unopened containers are guaranteed for 1 year. Store in temperatures between 60°-80° F. Storing above 85° will reduce shelf life. Keep from freezing.

Limitations

NOTE: This product is to be used as a stand-alone product or after an epoxy system is applied. Never under epoxy.

Not for use on contaminated or oily surfaces

Do not install when surface temperature is below -20°F. and any new concrete must be 28 days old

Material must be used through the static mixer at least every 15-20 seconds or mixed material will gel

Cautions

Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of uncured resin. Consult Material Safety Data Sheet for full listing protective requirements.

PCF-415FS may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.

For professional use only.

Keep out of reach of children.

5. TECHNICAL DATA

Pot Life @ 75 degrees	35 seconds
Gel Time @ 75 degrees F	4 minutes
Final Cure @ 75 degrees F	15 minutes
Compressive Strength	4100 psi (Neat) 4700 psi (w/ pea gravel)
Bond Strength	1276 psi
Tensile Strength	2800 psi
Shrinkage	less than 1%
Water Absorption	less than 0.2%
Shore D Hardness	75-80
Elongation	3%
Mix Ratio by volume	1:1 A/B
Mixed viscosity	20 cps
Color Mixed	Gray

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