



PRODUCTS, INC.

918 N. UNION STREET
APPLETON, WI 54911
920-739-8685
OR 1-800-221-6381

**EPOXY & FIBERGLASS FLOORING, SEAMLESS FIBERGLASS WALL SYSTEMS, SEALERS,
HIGH PERFORMANCE COATING SYSTEMS, AND INDUSTRIAL CLEANERS**

PRODUCT BULLETIN

PFAC I and II

DESCRIPTION

PFAC I and PFAC II— POLYUREA FILLER AND CAULK is a two component polyurea/amine blend that provides a hard, tough surface. PFAC I AND PFAC II may be used as a stand alone spall or hole filler, as an all purpose crack and joint filler or mixed with various aggregates to provide a build up or slip resistant surface. PFAC is in-line blended utilizing a two component mixer apparatus allowing the applicator to use amounts ranging from a few ounces to nearly continuous feed. PFAC I AND PFAC II ARE AVAILABLE IN BLACK, GRAY, AND CLEAR .

USES

PFAC is supplied in a two component “caulk gun” system for minor repairs, and joints as well as in bulk for two component mixing apparatus. PFAC exhibits excellent adhesion to wood, tiles, concrete, asphalt, glass, brick, shingles, metals or other clean surfaces. PFAC NEEDS NO PRIMER, has excellent weather and water resistance, may be used indoors or outside. PFAC CURES TO USE for wheeled traffic at 34F in 3.5 hours, at 0F in 3.5 hours and -20F in less than 20hours. THIS IS THE ONLY PRODUCT WE KNOW THAT GIVES A HIGH PERFORMANCE END RESULT AT THESE LOW TEMPERATURES. It has good thermal resistance to 300F and excellent thermal cycling resistance. PFAC is a good choice as a weather resistant concrete crack and joint filler, roof patch, truck bed patch, rail road car patch, wood dry kiln patch, equipment seam repair and patch material, and brick paver re-grouting material. PFAC is your choice in heavy use environments, low temperature work and for improved chemical resistance, in sun lit areas it will amber with time. PFAC II is more flexible and is your choice in warehouse, fork truck areas and lighter abuse production environments. Both products will amber in strong UV and sunlight, and freezing might cause damage.

APPLICATION

For best results saw cut joint at least 1 ¼” deep and leave shoulders square to the concrete surface. If joint is deeper or if there are cracks that go through to underneath the concrete, install an incompressible material (sand is a good choice) below the 1 ¼” level so joint cannot compress and break in use. This is especially important for pour joints. For new concrete the longer the wait to fill the less shrinkage the concrete will exhibit over time, though slight delamination at pour joints edges might be expected, and should be accounted for during the first year. Fill joint to slightly over flow and shave off excess to leave a smooth top surface. At 65F joint is ready for use in 30 minutes, longer if the area is cold

SPECIFICATIONS

OIL RESISTANCE- EXCELLENT
WATER RESISTANCE- EXCELLENT
FLEXIBILITY < 400%
SET TIME – 1 MIN
ADHESION: > 350PSI (concrete fails)
CHEMICAL RESISTANCE- OILS AND ALKALIAS:
TENSILE STRENGTH > 1000 PSI
SOLIDS 100%

HARDNESS SHORE D = 65 (A=95)
PFAC II SHORE D=45 (A=85)
UV RESISTANCE- GOOD
HEAT RESISTANCE – TO 300F PFAC I
ODOR – NONE
FLASH POINT: +200F
EXCELLENT
SHRINAGE NEGLIGABLE
USDA- ACCEPTABLE

NOTE: TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER C.D. PRODUCTS INC. ASSUMES NO LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. THE FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSE OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTY THAT THESE ARE THE ONLY HAZARDS WHICH EXIST.