

KAUFMAN

PRODUCT
INFORMATION

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SurePoxy Rapid Floor Fix

Description

SurePoxy Rapid Floor Fix is a dark gray, rapid-setting, low viscosity, moisture insensitive, 100% solids, structural epoxy resin system.

Uses

SurePoxy Rapid Floor Fix is recommended for floor repairs in industrial, retail, and commercial environments to fill cracks, defects, and general surface imperfections in concrete that are exposed to heavy traffic. Resistant to the wear and tear of wheeled traffic such as forklifts, manlifts, and carts, SurePoxy Rapid Floor Fix when cured is also resistant to many common chemicals.

Specifications

ASTM C-881 Types I, II, IV, and V, Grade 1, Class C (Modified for faster set)

Physical Properties @75°F and 50% RH

Mixing Ratio	2:1 by volume
Color	Dark Gray
Initial Viscosity	900-1,100 cps.
Pot Life, 60 grams	4-6 minutes
Bond Strength (ASTM C-882)	3,000 psi. @ 14 days
Compressive Strength (ASTM D-695)	10,500 psi. @ 7 Days
Tensile Strength	8,500 psi.
& Elongation (ASTM D-638)	3-5%
Water Absorption (ASTM D-570)	1% Maximum
Shore D Hardness (ASTM D-4420)	80-90

Packaging

16.5 oz. cartridge (6/box)
3 gallon unit – 11.36 Liters

Proportioning/Mixing

The volumetric ratio of SurePoxy Rapid Floor Fix is 2:1 (A:B). To mix, proportion 2 parts A and 1 part B into a clean pail. Mix thoroughly for 3 minutes with paddle or low speed (400 to 600 rpm) drill, until blend is uniform color. If using a 16.5 ounce cartridge, make certain to waste the first few inches of dispensed material until the dispensed material is uniformly mixed based upon a visual inspection of the mixed color.

Applications

Anchor Bolts - If the anchor is still intact then cut off the bolt and overfill the defect with SurePoxy Rapid Floor Fix.

General Concrete Surface Defects -

Satisfactory performance of SurePoxy Rapid Floor Fix is dependent upon the surface to which it will be applied. Only apply to sound, clean surfaces. Remove oil, wax, curing compound and other foreign matter as per ASTM D-4258.

The surface shall uniformly be roughened to a degree similar in appearance to coarse sandpaper with aggregate showing. Do not use sweeping compounds which leave behind residues. Make certain that the area is dry and free of standing water. All loose concrete, spalls, chips, islands, and other weak spot should be removed with a hammer and chisel or with the correct diamond blade and dry cut saw.

Apply SurePoxy Rapid Floor Fix until the area is completely overfilled. If material seeps into a hole or crack, then monitor and top off as needed. Once SurePoxy Rapid Floor Fix has cured into a hard, solid mass the material can be ground with a cup grinder with a medium grit pad or a hand grinding stone to flush with the concrete. Depending upon application thickness, SurePoxy Rapid Floor Fix can be ground within 2-3 hours at 73°F.

Crack Repair - Cracks a minimum of 1/8" may be filled with SurePoxy Rapid Floor Fix. Clean the crack and remove all debris and deleterious materials. In some instances, it is necessary to rout out the crack in advance of application. The use of a vacuum may be beneficial to remove dust and other materials. Overfill the crack and grind off any high spots after the material has hardened.

If the crack is moving, please contact Kaufman Products to discuss the repair. Typically, one of our semi-rigid systems such as SurePoxy Flexijoint or K Pro Flexijoint are used in those types of repairs.

Precautions

Expansion/control joints, joint sealants, floor drains, and floor termination joints require special attention. SurePoxy Rapid Floor Fix will not usually adhere to sealant joints. Test first.

Do not thin SurePoxy Rapid Floor Fix. Pot lives vary due to different temperatures. Store this product between 40-90°F.

For professional use only. Not for sale or use by the public.

LIMITED WARRANTY: We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, there are no warranties which extend beyond the description on the face hereof, and Kaufman Products, Inc. makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc. shall have no other liability with respect hereto. The user shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salespeople, distributors, and their salespeople have no authority to change the printed recommendations concerning the use of our products.

If stored below 45°F, some lumps may appear in the B Component. However, they will disappear after combining with the A Component and they will not affect product performance.

Read the complete Safety Data Sheet before using.

Please refer to the General Epoxy Instructions for complete details on proper application during cold and hot weather

Technical Information

Test results were achieved under laboratory conditions. Statistical variations will occur based upon mixing methods, temperature & humidity, test methodology, site conditions, curing conditions application methods, and equipment.