

K A U F M A N

PRODUCT
INFORMATION

KAUFMAN
PRODUCTS
INC.

3811 CURTIS
AVENUE

BALTIMORE,
MARYLAND
21226-1131

410-354-8600
800-637-6372

www.kaufmanproducts.net

SurePoxy Flexijoint

Description

SurePoxy Flexijoint is a gray semi-rigid moisture insensitive epoxy joint sealant; designed to support the joint edges on control joints in concrete floors in heavily used areas. SurePoxy Flexijoint protects these edges against breaking off, spalling and deterioration caused by hard wheel plant vehicles. It provides the perfect blend of high bond strength and excellent traffic bearing characteristics, where resiliency, flexibility and chemical resistance are required.

Uses

Use neat to seal and fill cracks, as a concrete bonding compound or a wear resistant seal coat. Special aggregates can be added to produce a mortar to patch and repair concrete.

Typical Properties- @ 75°F

Mixing Ratio	1:1 by volume
Color	Concrete Gray
Viscosity	Self Leveling
NVM	100%
Pot life, neat 1 lb.	50-60 min.
Full cure	7 days

Ultimate Physical Characteristics-@ 75°F

Compressive Strength	3000 psi.
ASTM D-695	
Tensile Strength	500 psi.
ASTM D-638	
Tensile Elongation	5-20%
Adhesion to Conc., C-321	200-400 psi.
Hardness - Shore A	85
Hardness - Shore D	50
Bond Strength	Greater than concrete
Moisture Absorption	1% max.

All values approximate-will vary with temperature and humidity.

Packaging/Yield

15.14 Liters (4 gallon unit) (924 cubic inches)
7.57 Liters (2 gallon unit) (462 in³)
3.785 Liters (1 gallon unit) (231 in³)
22oz. cartridge

Joint Size/L.F. Per Gallon

Width X Depth	LF. Gal.
1/8" X 3/4"	200
1/8" X 1"	150
1/8" X 1 1/4"	125
1/8" X 1 1/2"	100
1/8" X 1 3/4"	85
1/8" X 2"	75
3/16" X 3/4"	135
3/16" X 1"	100
3/16" X 1 1/4"	85
3/16" X 1 1/2"	70
3/16" X 1 3/4"	60
3/16" X 2"	50
1/4" X 3/4"	100
1/4" X 1"	80
1/4" X 1 1/4"	60
1/4" X 1 1/2"	50
1/4" X 1 3/4"	45
1/4" X 2"	40
3/8" X 1"	50
1/2" X 1"	40
3/4" X 1"	25

Special Features

Self-Leveling
Moisture insensitive
No priming
Shock absorbent
Reinforces concrete joints
Excellent adhesion
Resists wheels & heavy loads

Specifications

USDA OK

VOC

0 grams/liter

Directions

Always follow ACI 302. *Guide for Concrete Floor and Slab Construction.*

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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, 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. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.

Surface Preparation

Rough out the old joint and remove all old joint fillers. If necessary, enlarge joint width and cut down into the concrete at least 1/4' to form a "T" shape cross section. Be sure joint edges are square. If not, correct with SurePoxy LM Gel, follow cleaning directions for new concrete.

Pour sand into the bottom of the control joints to prevent seepage of SurePoxy Flexijoint through the sub-grade. Do not use a closed cell backer rod in the bottom of the joints, since it may defeat the purpose of full load transfer from one slab to the other. Joints may be dry or damp.

Mixing

SurePoxy Flexijoint is a 1:1 by volume mixture for easy mixing. Stir each component and combine and stir well until color is uniform. Avoid air entrainment.

Pour the mixed material into the joint, filling it approximately 1/2" from the top. Allow SurePoxy Flexijoint to settle 15-20 minutes and then completely fill to the level of the floor before it begins to set. Hot weather will shorten the set time.

Precautions

Shelf life is one-year minimum at room temperature. Do not thin. For best results materials should be stored and used between 60--90°F. See precautions and directions on containers. Do not thin. Do not apply over standing water. Do not use in expansions or moving joints. SurePoxy Flexijoint is intended for application in basically nonmoving joints. Do not apply until concrete joint is a minimum of 28 days old or until shrinkage has stopped. A 60-90 day cure is preferred. Joints should also be under permanent temperature control. Read Material Safety Data before using. Please refer to the *General Epoxy Instructions* for complete details on proper application during cold and hot weather.