



TK-EPOXY CRACK & JOINT FILLER

Concrete Crack and Joint Filler

Item No. TK-9010

PRODUCT DESCRIPTION

TK-EPOXY CRACK & JOINT FILLER is a fast setting, semi-rigid, two-component epoxy system for filling control and construction joints in concrete flooring.

Features:

- Epoxy formulation allows it to be used in damp areas where comparable urethane/polyurea joint fillers cannot be used.
- Gels in less than 10 minutes and is tack free in under an hour.
- Extremely low VOC content (< 1 g/l)

USES:

Suitable for interior or exterior use to fill joints in warehouse, industrial and commercial concrete flooring. May also be used to fill cracks on older concrete floors.

APPLICATION PROCEDURES:

PREPARATION:

Cracks and joints should be clean and dry. Any contaminants including paints, curing compounds, oil, dirt and debris must be removed prior to application. Although TK-EPOXY CRACK AND JOINT FILLER is moisture tolerant, there cannot be standing water in or around the area to be filled at the time of application.

APPLICATION:

Air and substrate temperatures must be 50°F or above at the time of application.

Bulk Application - Components "A" and "B" must be stirred prior to use.

Cartridge Application - Shake the cartridge and remove the nut and cartridge plugs. Attach static mixer to cartridge and replace the nut. Install cartridge into mix gun and squeeze the trigger to begin flow of the material. Discard the first 1/2 to 1 ounce of material until the resulting mixture appears uniform. Place mixer tip into the area to be filled and squeeze the trigger to begin product flow. Maintain steady pressure to ensure proper mixing.

When used on industrial floors with heavy load transfers, it is recommended to fill to the full depth of the crack or joint.

NOTE: Silica sand may be used to discontinue flow into cracks and joints.

DRY TIME*:

At 77°F, this product gels in 9-11 minutes. It is mass tack free in 1 hour, and thin film tack free in less than 3 hours.

*Gel times, cure times and thin film tack free times will be extended with cooler temperatures.

COVERAGE:

The following table is an estimate of coverage rates and should be used as a guideline only. The rates are in linear feet per gallon - any overflow that will be shaved off is considered extra material and does not count toward coverage.

Joint Width	1.5 inches	2 inches
3/16"	68 feet	51 feet
1/4"	51 feet	38 feet

Additional Coverage Info:

As supplied, each 600-ml cartridge will fill 36 cubic inches of cracks (or a crack that is 12 linear feet long, by 1/8" wide, by 2" deep).

As supplied, each 2-gallon kit will fill 462 cubic inches of cracks.

*Coverage rate will vary depending on the size of the crack and any waste overfilled.

CLEAN UP:

Spills of uncured material may be cleaned with TK-00 XYLENE*. Cured material is extremely chemically inert and should be scraped off surfaces before it cures. Discard any used static mixers and do not attempt to reuse.

TECHNICAL DATA

Color:	Gray
Composition:	Amine/Epoxy
Non-Volatile Content:	99.9%
Gel Time* (77°F):	9-11 minutes
Mass Tack Free* (77°F):	1 hour
VOC Content:	< 1 g/l
A.I.M. Category:	This product is not currently regulated by 1999 Federal EPA VOC regulations
Applicable Standards:	ASTM D2240 Hardness, Shore A: 80-85

* Cooler temperatures will extend gel and tack free times

LIMITATIONS:

- Air and substrate temperatures must be 50°F or higher at the time of application.
- Shelf life is approximately 18 months from date of manufacture when stored at room temperature in an unopened container.

SAFETY PRECAUTIONS:

- This product contains chemicals that are corrosive and sensitizers. Care should be taken to minimize exposure and contact. Keep out of reach of children.
- Protective equipment such as safety glasses, gloves and respirators are recommended when handling this material in confined spaces.
- Avoid skin contact. If contact occurs, remove contaminated clothing immediately and wash skin with soap or a lanolized cleaner.
- Avoid eye contact. If contact occurs, flush eyes with large amounts of water and get medical attention immediately.

FIRST AID:

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

AVAILABILITY:

TK-EPOXY CRACK & JOINT FILLER is available through TK Distributors. Contact TK Products for the nearest distributor. Packaged in 10-gallon kits, 2-gallon kits and 600-ml cartridges (approximately 20-fl. oz. each - boxed 12 cartridges per case).

FOR PROFESSIONAL USE ONLY

NOTES:

*TK-00 XYLENE must be purchased separately

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