



TK-POLYUREA JOINT FILLER

Urethane/Polyurea Hybrid

Item No. TK-9020

PRODUCT DESCRIPTION

TK-POLYUREA JOINT FILLER is a fast-setting, two-component, polyurea/urethane blend used to fill control joints in concrete flooring.

Features:

- Flexible enough to limit parallel crack occurrence, yet tensile enough to hold up to heavy traffic from wheels, forklifts and heavy traffic.
- Fast cure time (gels in less than 5 minutes and tack free in 30 minutes) allows the area to be reopened to traffic in minimal time.

USES:

Suitable for interior use to fill control joints in concrete flooring in warehousing, industrial and manufacturing environments. May also be used to repair joints or cracks in any concrete slab.

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. Condition this material to 65°F - 85°F before using.

APPLICATION:

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, 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 70°F, this product gels in 2-4 minutes and is tack free in 30 minutes.

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

COVERAGE:

As supplied, each 600-ml cartridge will fill 36 cubic inches (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.

*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

TECHNICAL DATA

Color:	DOT Gray
Composition:	Polyurethane/Polyurea Hybrid
% Solids:	99%
Gel Time* (70°F):	2-4 minutes
Tack Free* (70°F):	30 minutes
VOC Content:	< 50 g/l
A.I.M. Category:	This product is not currently regulated by 1999 Federal EPA VOC regulations

* Cooler temperatures will extend gel and tack free times

TESTING DATA

Test Method	Results
ASTM D2240 Shore Hardness	
Shore A Hardness:	94-98
Shore D Hardness:	42-46

off surfaces before it cures. Discard any used static mixers and do not attempt to reuse.

LIMITATIONS:

- Shelf life is approximately 18 months from date of manufacture when stored at room temperature in an unopened container.
- Store between 65°F to 85°F (18°C to 40°C).
- KEEP FROM FREEZING.

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-POLYUREA 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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