



Epothane Joint Filler Guide

GUIDE DESCRIPTION

The procedures outlined in this guide are intended for the repair of moving (live) cracks, and the protection of joints using EPOTHANE JOINT FILLER.

PRODUCT DESCRIPTION

EPOTHANE JOINT FILLER is a 100% solids 2-component urethane modified epoxy designed to exhibit semi-rigid behavior in live cracks and joints.

COVERAGE RATES* AND PACKAGING

EPOTHANE JOINT FILLER	1/16" Crack, 4" Slab	~ 95 linear ft/kit*	Sold in 1.25 Gallon Unitized Kit
	1/8" Joint, 4" Slab	~ 47 linear ft/kit*	

*assumes ideal volumetric coverage, results will vary.

REPAIR OF CRACKS

Preparation

Locate all cracks to be treated and mark with chalk if necessary prior to proceeding. Using a 1/4"-3/8" V-Shaped crack chaser, grind open the cracks. Remove all loose debris, dust, contamination, and bond-breaking material by vacuuming, pressure washing, and/or blowing with compressed air.

Crack must be free of standing water and visual moisture before proceeding further.

FILLING OF JOINTS

Preparation

Remove all loose debris, dust, contamination, and bond-breaking material by vacuuming, pressure washing, and/or blowing with compressed air. Crack must be free of standing water and visual moisture before proceeding further.

Mixing

Mix 1 part by volume EPOTHANE JOINT FILLER A-Component with 1 part by volume EPOTHANE JOINT FILLER B-Component for 2-3 minutes using a jiffy-type mixing blade at no less than 400rpm. Transfer mixed material to a second mixing vessel and mix an additional 30 seconds to ensure that material along the sides of the first mixing vessel has been properly incorporated into the mixture. The pot-life of the material is ~20 minutes in small masses at 70°F. Do not mix more material than can be used within the pot-life.

Application

Apply mixture into the joint by squeezing from a bulk gun or bakers bag. Keep the material filled to the top as it is forced into the joint. Strike the joint with a flexible steel blade leaving material flush with surface. A grinder may be used to level and remove overfilled hardened material.

Clean-Up

Clean up tools and splatter with lacquer thinner. Clean hands and exposed skin with a citrus-based hand cleaner.

Cure Times

EPOTHANE JOINT FILLER will cure to a dry to touch state in 4-5 hours, and full cure in 5-7 days.

ADDITIONAL CAUTIONS

- Do not force dry
- Coverage rates may vary
- Mask all areas that need protection
- Always wear protective clothing and equipment as required by OSHA and as necessary
- Read Material Safety Data Sheets before commencing work
- Store material at 50-70°F to prevent shortened pot-life due to excessive heat
- These materials are intended for use in substrates and environments >45°F.